TPR
OR-320
Vol I

Yolla No. 1
DST Memorandum

February, 1986

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VOL I

Amoco Australia Petroleum Company

317001

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P.T.O.

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INTRODUCTION

The Yolla No. 1 tested two different formations, (four different intervals) during DST No. 1, 2, 2-A, and 3. The testing was conducted between September 10 and October 5, 1985. This memo documents the results of the tests and analyzes the well data currently available.

The objectives of the DST are listed below:

1. Determine initial reservoir pressure
2. Determine reservoir parameters (Permeability, Skin, etc.)
3. Obtain representative samples of formation water and hydrocarbons for laboratory analysis.
4. Determine well productivity

SUMMARY

The Yolla No. 1 is located 96 miles north of Burnie Tasmania in 261 feet of water (see Attachment No. 1). It was spudded June 8, 1985, and was abandoned on October 10, 1985. (See Attachment No. 2, Drilling-Time Curve). The Yolla No. 1 tested hydrocarbons in sands at 2809 meters and 1833 meters. A table summarizing the results of the two formations tested is presented below. Additional detail is contained in Attachment No. 3.

DST INTERVAL	AVG. MMCFD	FLOW BOPD	CH	PI	AOF MCFD	SP. GR	API GR
2809M-2824.5M	15.1	580	40/64	95 MCF/psi	308168	.86	51.2
1813M-1833M	11.8	892	80/64	10 MCF/psi	13851	.79	50.6

Amoco is operator and has a 50% working interest in the Yolla No. 1.

CONCLUSION

1. The first formation tested (2809M-2824M) has a calculated initial reservoir pressure of 4203 psi. The Kh of the reservoir calculated from the build up test, is 7092 md.ft. (K = 308.4 md, h = 23 ft.) and the skin was 13.5. The formation AOF is 308168 MCFD. Fluid samples are still being analyzed by Core Labs.

2. The second formation tested (DST No. 3, 1813M-1833M) has a calculated initial reservoir pressure of 2707 psi. The Kh of the reservoir calculated from the build-up test was 242.1 md.ft. (k = 16.14 md, h = 15 ft.) and the skin was .536. The formation AOF is 13851 MCFD. Fluid samples are still being analyzed by Core Labs.

DISCUSSION

GENERAL

The Yolla No. 1 well, located in the Bass Strait approximately 96 miles north of the City of Burnie, Tasmania, Australia, was spudded on June 8, 1985 with the drill ship R.F. Bauer. The 9-5/8" casing was set at 3340 meters on September 3, 1985. Amoco is the operator with a 50% working interest in the well.

The Yolla No. 1 was the twenty-first well to be drilled in the Bass Strait area between Flinders Island and King Island. Esso made a gas discovery in 1970 when they drilled Pelican Nos. 1 and 2. However, the wells were never drillstem tested. The formation interval tests and the repeat formation tests that were run indicated the presence of hydrocarbons. The Yolla No. 1 confirms the presence of hydrocarbons in the Bass Basin.

Based on the four drill stem tests conducted on the Yolla No. 1, the combined rate of flow from the two formations tested was 26.9 MMCFD and 1472 BCPD. After the drill stem tests were completed the well was abandoned.

Open Hole Log

A full suite of open hole logs was run by Schlumberger over the prospective Eastern View Coal Measures between August 22 and August 31, 1985. Based on the log analysis as discussed in Appendix No. 1, the well contains 58 meters of net pay. The average porosity of the upper zone (1805 - 1846 meters) is 26% and the average water saturation is calculated to be 51%. The average porosity of the lower zone (2718 - 2995 meters) is 19% and the average water saturation is 30%. A section of the ISF-BHC-MSFL-G log covering the two tested intervals is included in Attachment No. 4).

RFT Log

Appendix No. 2 lists the raw RFT pressures taken during the logging of the well and includes a series of pressure vs depth plots. A suspected oil/gas contact at 1833 meters and an oil/water contact at 1846 meters were identified by log analysis but was not verified by a change in fluid gradient observed from RFT pressures. All valid pressure data points calculated an average gradient of .45 psi/ft. A fluid sample was collected at 2988 meters. The chamber contained 47.7 cu.ft. of gas, 100 cc of pale yellow condensate (GOR 80,000) and 1500 cc of mud filtrate.

Core Data

Two conventional cores were cut in the Yolla No. 1. The first core was cut from 1838 to 1848 meters. Only 2.8 meters was recovered from the 10.0 meters cut. This core was in the same formation as DST Nos. 2, 2-A,

and 3. The core reported lithology was very fine grained sandstone with thin clay laminations. The porosity ranged from 25-31% and the permeability ranged from 11-204 MD. The second core was cut from 3344.7 to 3335.9 meters, 1.4 meters of the 2.1 meters cut was recovered. The recovery was altered amygdaloidal basalt. The core analysis report is Appendix No. 3.

Sidewall cores were shot from 3028 to 1765 meters and of the 51 S.W.C. shot 49 were recovered. The sidewall core data is presented in Appendix No. 4.

DST Data Summary

The objectives of the well tests as stated in the Yolla No. 1 DST procedure are listed below:

1. Determine initial reservoir pressure.

2. Determine the reservoir parameters; permeability and skin.

3. Obtain representative fluid samples if possible (oil, gas and water).

4. Determine well productivity.

Attachment No. 3 summarizes the results of the four tests and Appendix No. 5 lists the fluid samples taken during the test. The samples are being analyzed at Core Labs for composition and properties.

Test No. 1 (2809 M - 2824.5 M) flowed at a sustained rate of 15.1 MMCFD and 580 BCPD. This gas reservoir demonstrated excellent permeability and showed no indication of a decrease in the flow rate or reservoir pressure during the test.

DST No. 2 (1830 M - 1835 M) flowed at a rate of 3.4 MMCFD and approximately 2000 BWPD. The water was considered to be extraneous and the interval was squeezed and a smaller interval perforated.

DST No. 2-A perforated the interval from 1833.1 to 1833.7 meters attempting to penetrate a suspected oil leg. The flow rate was 1.02 MMCFD and 302 BOPD resulting in a GOR of 3376 SCF/BBL, the lowest GOR of any test. The fluid samples that were taken are still being analyzed by Core Labs.

The final DST, DST No. 3, perforated the interval 1813 to 1833.7 meters. This interval flowed at a rate of 11.8 MMCFD and 892 BCPD.

Fluid samples from all 4 DSTs were obtained (Appendix No. 5) and have been sent to Core Labs for a complete analysis which has not been received. All of the objectives of the well tests were accomplished.

General Test Procedure and Equipment

The first DST used a standard perforating technique consisting of a four inch casing gun that was fired inside 9-5/8" casing in a 9.6 ppg mud system.

The next three DSTs were perforated with a thru-tubing 2-1/8 inch Enerjet gun with approximately ±1000 psi underbalance.

All the tests consisted of an initial ±10 min. flow period to release any hydrostatic mud pressure. Then the well was shut in for at least one hour to allow the reservoir to stabilize at the initial static condition. The well was then allowed to flow at a stabilized rate for a period of 3-6 hours. Finally, the well was shut in for a minimum eight hour period to allow the reservoir time to begin to return to a static condition.

A description of the equipment used during the test is as follows:

Equipment	Description
- SRO Nipple	Landing nipple for surface read out gauge and down hole shut in tool
- Full Flow Safety Valve	Ball valve held open w/5000 lbs tension
- APR-A	One time annular pressure-operated reverse circulating valve
- APR-M2	One time annular pressure-operated ball valve for reverse circulating/sampling
- LPR-N	Annular operated ball valve used as the primary tester valve
- Bundle Carrier	Amerada pressure gauges and temperature gauges
- Jars	
- Hydraulic By-pass	Pick up to equalize annulus and tubing pressure
- Safety Joint	Right hand rotation to back off packer
- RTTS Packer	

Schematics of each test string are detailed in the Halliburton Formation Testing Service Reports (Enclosures 4, 7 and 9).

Discussion of DST Analysis

DST No. 1

DST No. 1 was perforated with a 4 inch casing gun from 2809-2814 meters and from 2818-2824.5 meters. One of the objectives of the DST was to determine reservoir pressure. Before the DST was run a RFT measured the reservoir pressure at 2820 meters to be 4145 psi (Appendix No. 2). A surface readout Hewlett-Packer (HP) pressure gauge was run to measure both flowing and shut-in bottom hole pressure. In addition, two Amerada gauges were run in a bundle carrier at 2755 meters. During the test the HP gauge failed resulting in all pressure measurement being obtained from the Amerada's (Enclousres 3 and 4). The first gauge measured an extrapolated reservoir pressure of 4248 psi and the second gauge recorded a reservoir pressure of 4192 psi. An original reservoir pressure of 4203 psi was calculated from the analysis of the pressure build up data. The static reservoir pressure using the average of the four different pressures is 4197 psi. The data has a range of 103 psi.

A second objective of the DST, to determine reservoir properties such as permeability and skin, was more difficult to achieve due to the extremely short build up time. Prior to shutting in the well, it was flowed at a stabilized rate of 10.2 MMSCFD for 3.5 hours. The FBHP immediately prior to shut-in was 4106 psig (AP = 91 psi). From the build up data contained in the Halliburton DST Report (Enclosure No. 4), the well appeared to reach 99.9% static reservoir pressure in approximately one minute. It is believed that this rapid build up was not due to the presence of a pressure boundary such as may be expected with a strong water drive reservoir or a reservoir of limited areal extent, but is the type of build up curve usually seen in prolific producers with very high permeabilities (2 to 3 darcies). The conventional build up analysis using a Horner plot (Figure No. 1) calculated a reservoir permeability of 308 MD with a skin of 13.5. The Amoco Research Department has reviewed the build up data and through computer simulation work confirms the analysis. The detailed analysis is contained in Appendix No. 6. No water was produced during the test. The calculated AOF for this zone is 308,168 MCFD.

DST No. 2

The interval, 1830-1835 meters, produced significant amounts of gas, however due to the extraneous water production the validity of the build up information is in question. Therefore, no analysis was done on the data obtained. The interval was subsequently squeezed and retested as DST No. 2-A (Appendix No. 7, DST No. 2 analysis).

DST Nos. 2-A & 3

DST No. 2-A was perforated from 1833.1 to 1833.7 meters. Water production was negligible in this DST suggesting the squeeze was successful.

The initial reservoir pressure taken from an RFT at 1833 meters was 2709 psi. The original reservoir pressure calculated from the build up data (Enclosure No. 9) using a Horner plot was 2707 psi (Figure 2).

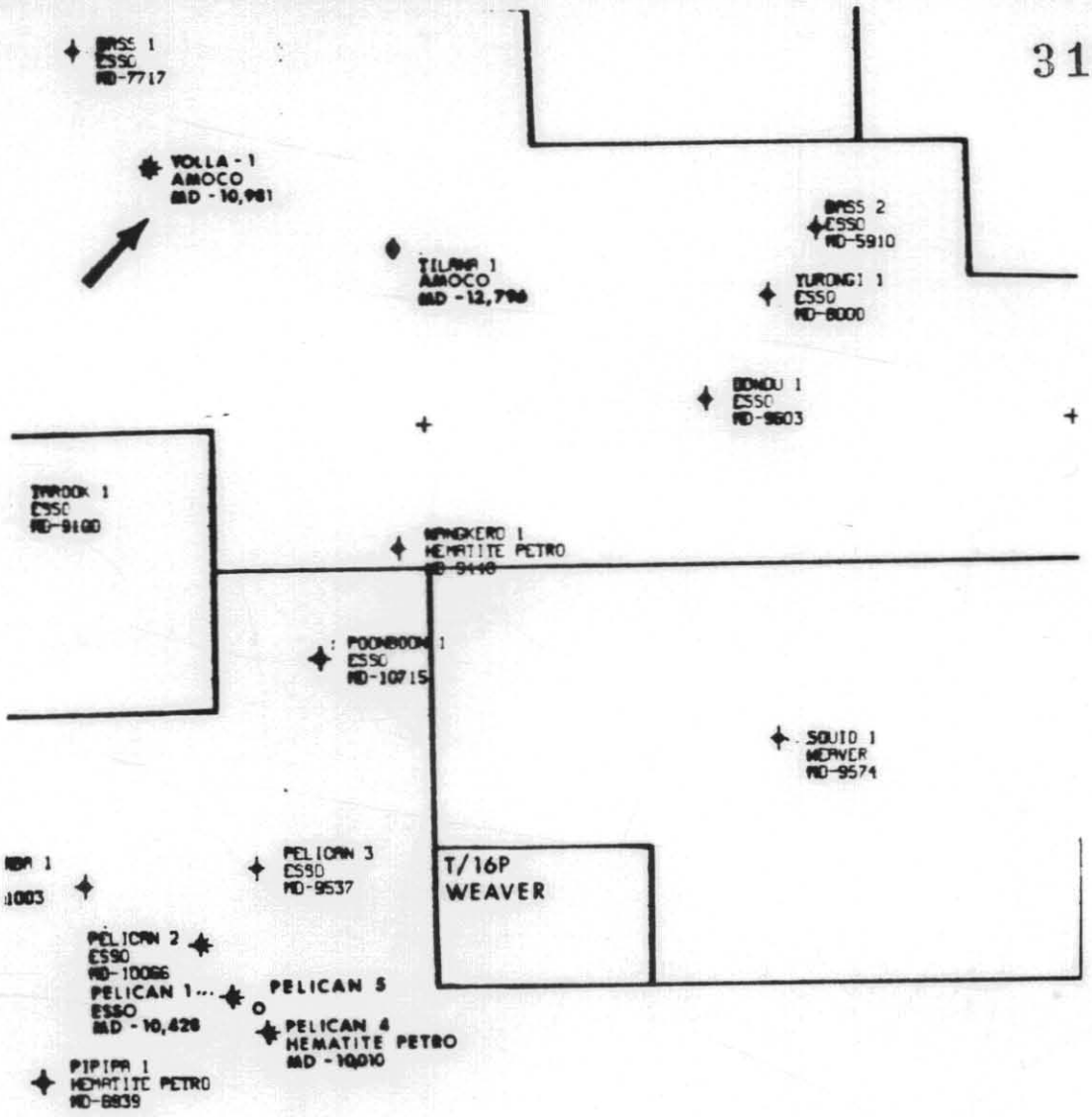
A conventional core was cut in the same sand but just below the perforated intervals of DST Nos. 2, 2-A, and 3. The core measured two permeabilities closest to the perforated intervals of 75 and 17 MD. The calculated permeability from the DST No. 3 build up data was 16.1 MD with a skin of .5. The detailed analysis is contained in Appendix No. 8 and Figure No. 3.

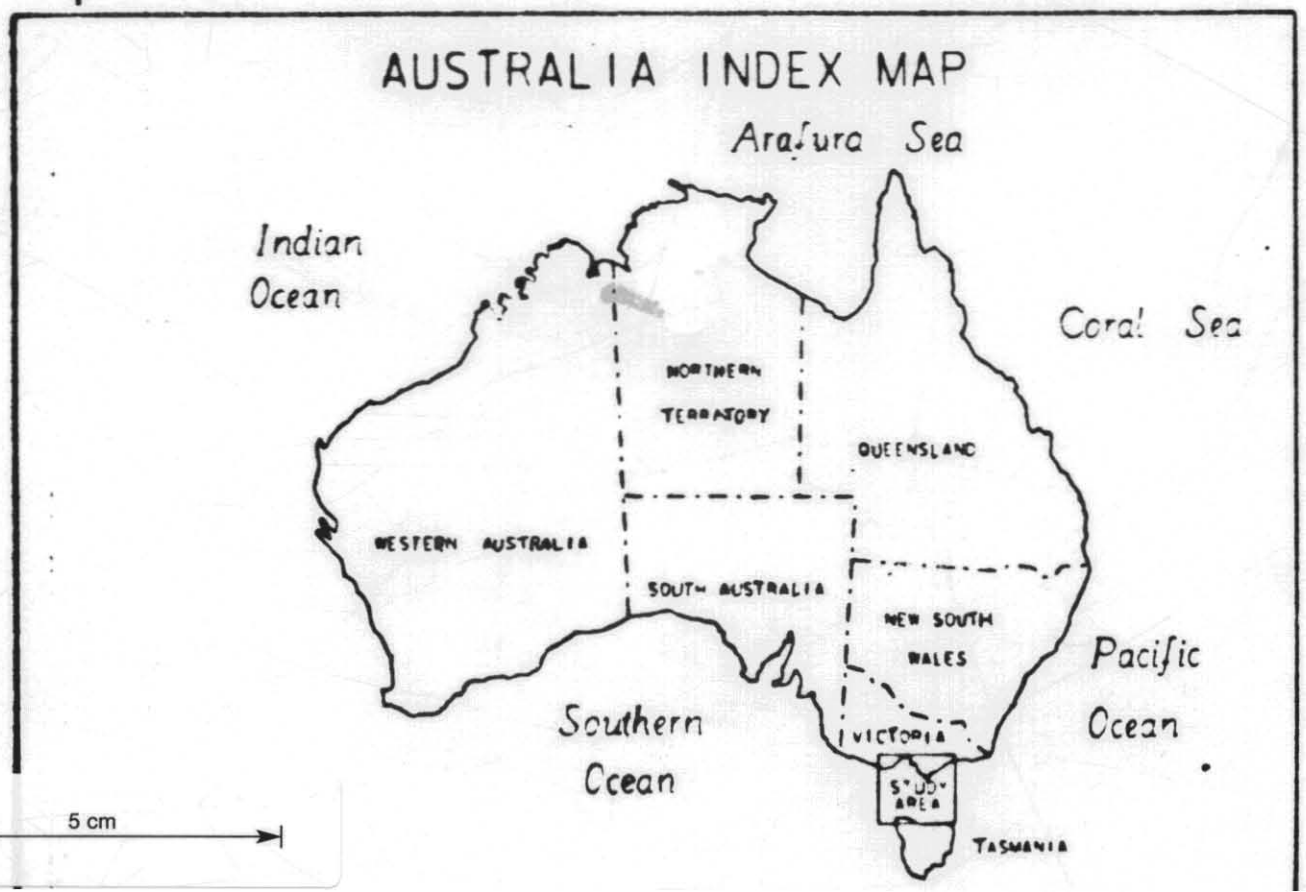
The formation water was analyzed onsite. From this analysis the formation water had 30,000 PPM Na Cl.

The well produced at high sustained rates with a calculated AOF for this reservoir of 13,851 MCFD based on data from DST No. 3.

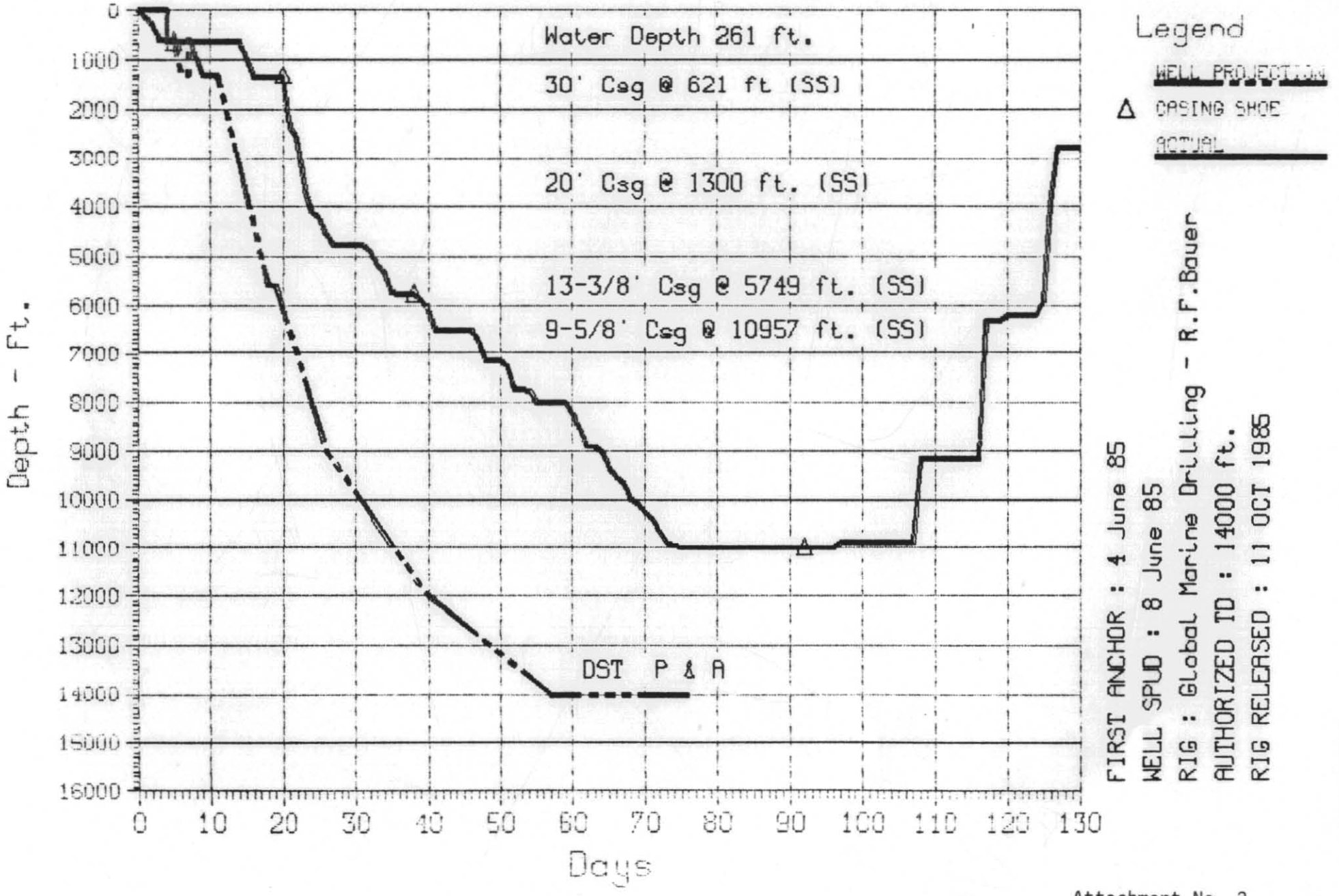
317011

Attachment No. 1





Amoco Australia Petroleum Company
Bass Basin
Drilling Time Curve - YOLLA No.1



FIRST ANCHOR : 4 June 85
WELL SPUD : 8 June 85
RIG : Global Marine Drilling - R.F.Bauer
AUTHORIZED TD : 14000 ft.
RIG RELEASED : 11 OCT 1985

3170 12

Attachment No 2

YOLLA #1
DST SUMMARY

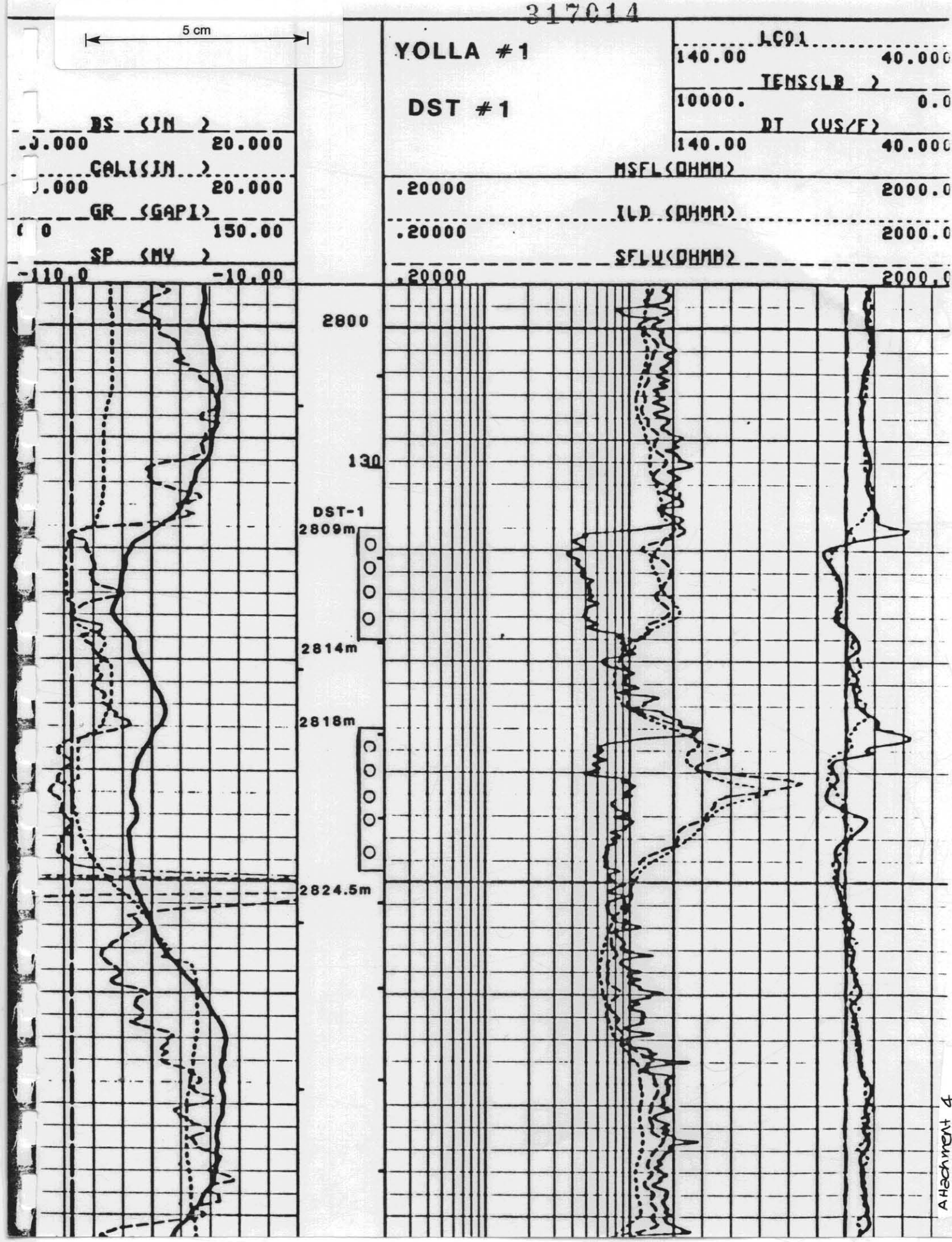
317013

DST#	AVG FLOW MMCFD	AVG FLOW BOPD	AVG FLOW BWPD	AVG FTP PSIG	AVG FBHP PSIG	SIBHP PSIG	SGR	API GR	COMMENTS
1 (FLOW#1) 2809M-2824.5M	10.2	420	TSTM	2716	4106	4197	.86	50.5	24285 GOR (41.2 BBLS/MMCF)/ CONDENSATE YELLOW/8-16% CO_2/ 9214-9230' & 9243'-9264' PERF. 30/64" CHOKE.
1 (FLOW#2) 2809M-2824M	15.1	580	TSTM	2533	4038	4197	.86	51.2	26034 GOR (38.4 BBLS/MMCF)/10-25% CO_2/CONDENSATE YELLOW/40/ 64" CHOKE/SAME PERFS AS ABOVE
2 (FLOW#1) 1830M-1835M	3.4	TSTM	-	957	2086	2690	-	-	MAKING TOO MUCH WATER ON 46/64" CHOKE/COULD NOT GET AN OIL LEVEL - CHOKE BACK/ PERF 5947'-6019' (1830-1835M)
2 (FLOW#2) 1830M-1835M	2.2	TSTM	1675	1198	2412	2690	.81	48 -43.7	COULD NOT CHOKE BACK WATER ON A 32/64" CHOKE/CONDENSATE WAS A THIN LIGHT CRUDE COLOR LIQUID THAT TURNED TO WAX AT 60 F/PERFS SAME AS ABOVE.
2-A 1833.1M-1833.7M	1.02	302	TSTM	1170	1984	2690	.87	45.5	PERFS 6013'-6015' (1833.1-1833.7M)/16/64" CHOKE/ 3376 GOR (296 BBLS/MMCF)/OIL WAS CARMEL IN COLOR AND TURNED TO WAX AT 68 F.
3 1813M-1833.7M	11.8	892	0	950	1444	2690	.79	50.6	PERFS 5947'-6019' (1813-1831M)/80/64" CHOKE/GOR 13,229 (76 BBLS/MMCF)/OIL WAS DARK BROWN IN COLOR BUT DID NOT WAX UP.

RJB011/JCW

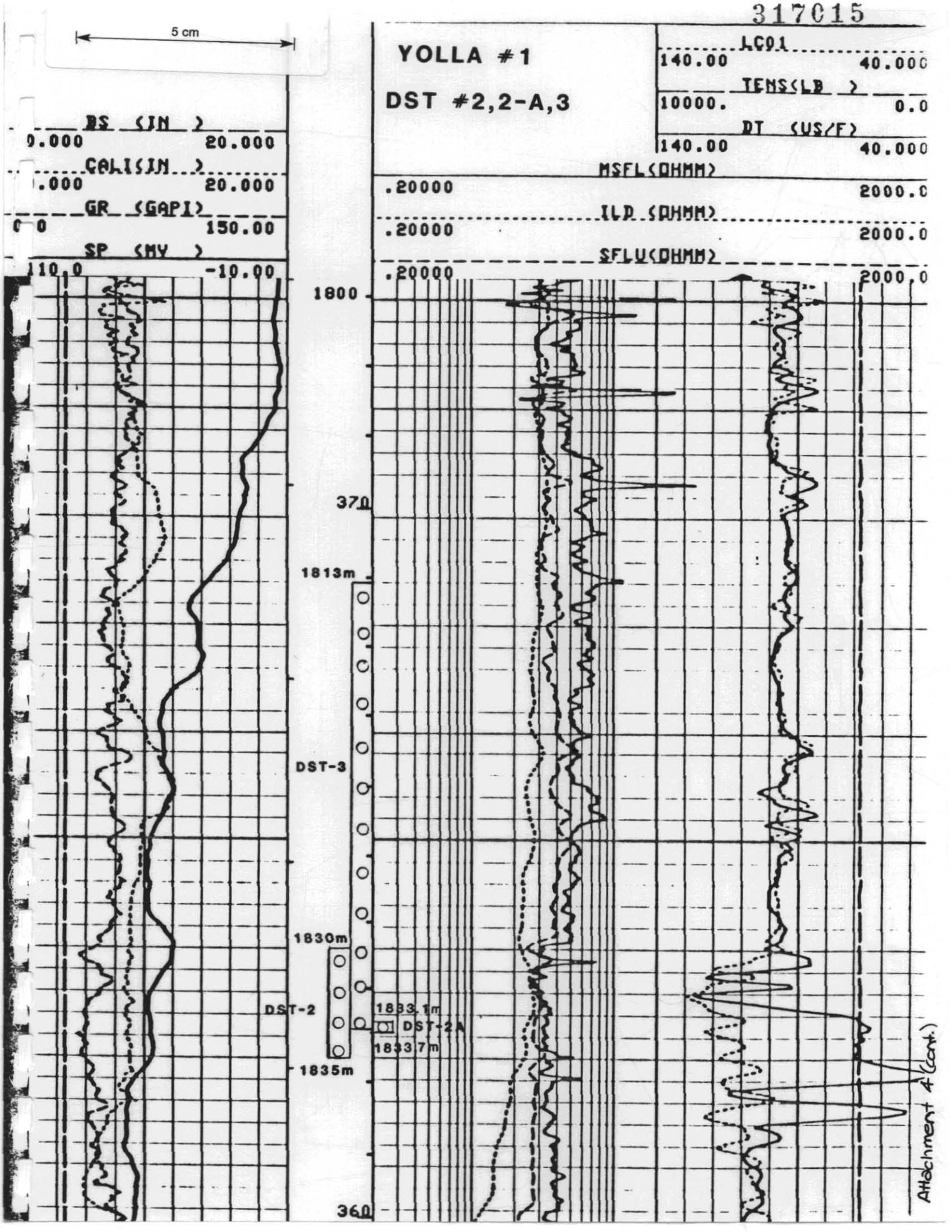
Attachment No. 3

317014



Attachment 4

317015



Attachment 4 (cont.)

Appendix No. 1
Log Analysis

317016

The quality of the data was basically good except for borehole effects in washed out areas of the well. Where the reservoir quality rock is in gauge the log data is valid.

There were problems with the Sonic, Dipmeter, and Repeat Formation Tester. All problems associated with these tools were corrected either before the job was completed or during subsequent post processing. The Houston General Office had to repair the Sonic log as the log delivered to Amoco was unacceptable.

Other log information obtained from the log heading:

Date of logging	August 22, 1985	
Run number	3	
Depth logger	3351	meters
Resistivity of the filtrate	.838	ohmn meters at 16 degrees C
Bottom hole temperature	121	degrees C

TECHNIQUE

The dual water method of analyzing shaly formations was used in processing this data. The basic archie water saturation equation was modified to take into account the varying amounts of shale. The water saturation equation used in the interpretation is:

$$Sw = (Rmix/(Rt*Phi^{**}M))^{**}0.5$$

$$Rmix = Rwb*Rwf/(Vsh(Rwf-Rwb)+Rwb)$$

Sw = water saturation
Rmix = resistivity of the formation water (a function of free and bound water resistivities)
Rwf = Free water resistivity = .053 ohmn meters at 149 degrees F above 2700 meters
Rwf = Free water resistivity = .067 ohmn meters at 197 degrees F below 2700 meters
Rwb = Bound water resistivity = .600 ohmn meters at 149 degrees F
Rt = true resistivity
Phi = total porosity
M = 1.87 + .019/Phi

Vsh = Minimun of (Vshnd,Vshsd,Vshgr)

Vsh = Bulk Volume shale
Vshnd = Bulk Volume shale from the Neutron Density crossplot
Vshsd = Bulk Volume shale from the Sonic Density crossplot

Vshgr = Bulk Volume shale from the Gamma Ray

The Neutron is in limestone porosity units. The total porosity was derived from the crossplot of the neutron versus density. All porosities listed in the results summary are corrected for shale volume and are effective porosities. The interpretation assumes complex lithology plus shale.

317018

TABLE 1 (YOLLA NO. 1, TASMANIA)

RESULTS SUMMARY

AMOCO

	DEPTH	PHI	SW	VSH	RW	NEUT	RHOB	SONIC	RT
		BMR	BMR						
	1819.0	.17	.63	.29	.052	.26	2.35	96	2.8
	1833.0	.30	.40	.16	.052	.36	2.10	115	2.6
	1840.0	.21	.69	.31	.052	.32	2.25	103	1.5
	1843.0	.24	.77	.22	.052	.32	2.20	104	1.0
	1846.0	.23	.92	.28	.052	.34	2.20	110	.7
	1868.5	.26	1.00	.05	.051	.27	2.23	110	.6
1	2725.0	.15 .15	.33 .54	.19	.067	.20	2.40	85	7.0
	2759.0	.16	.29	.17	.066	.20	2.38	90	21.0
2a	2760.5	.18 .20	.28 .25	.00	.066	.17	2.32	95	22.0
	2762.5	.17	.21	.00	.066	.14	2.37	78	52.0
2b	2810.0	.17 .20	.29 .28	.10	.066	.24	2.35	84	16.0
2c	2820.5	.20 .18	.25 .15	.00	.065	.11	2.30	86	90.0
	2845.5	.15	.63	.07	.065	.15	2.40	80	6.0
3	2874.0	.18 .17	.39 .46	.05	.065	.17	2.40	87	10.0
4a	2952.5	.18 .15	.14 .35	.19	.063	.19	2.41	82	17.0
4b	2974.5	.17 .15	.21 .27	.02	.063	.13	2.40	84	35.0
	2988.0	.20	.18	.00	.063	.14	2.27	89	50.0
4c	2990.0	.18 .17	.21 .30	.10	.063	.18	2.37	86	20.0
	2991.5	.20	.19	.00	.063	.15	2.30	90	45.0
	3012.5	.14	.46	.08	.062	.14	2.42	90	13.0

PHI = Effective porosity
SW = Water saturation
VSH = Bulk volume shale
RW = Water resistivity
NEUT = Neutron porosity
RHOB = Bulk density
SONIC = Transit time
RT = True resistivity

YOLLA #1 BASS STRAIT OFFSHORE TASMANIA

Log Evaluation

Following Logs were run:

INTERVAL	LOG	RUN NUMBER
1755-3350	ISF-MSF-GR-SONIC	3
1755-3350	LDT-CNL-GR	2
1755-3350	HDT	1

*Ran BHC in DD5HC Mode & Cycle slitted Interval (1755-3350)

Following Zones were interpreted:

ZONE	DEPTH(M)	FORMATION	LITHOLOGY	RW	NACL PPM	RMF	T(°F)
A	1755-2550		SD/SH	0.53	70000	.364	149
	IGNEOUS						
B	2700-3350		SD/IG	.067	59000	.279	197

Data listed is for the top of the zone, i.e. 1755-2550: 2700-3350

(Rw, NACL, RME, T°F at formation top)

Temperature at the top of the formation is based on BHT not BST.

Log characterristics of clay and clean points in these intervals:

	ZONE	RHOB	ØN	T	RT	GRS	GRS	M	N	LITH
2065M	A	2.45	.30	90	6	50	10	.68	.48	50
2900M	B	2.70	.32	78	6	50	10	.65	.40	50

Interpretation method is dual water. The bound water resistivity is determined by the clay point parameters using Archie. M and N clay is calculated for each clay point.

V shale is determined by minimum shale of:

VSH M x N Cross Plot

VSH GR

Formation factor F is from Archie

$M = 2$

$F = 1/\phi^{M}$

and $$SW = \left(\frac{F * \frac{RWB * RWF}{VSH(RWF - RWB + RWB}}{R_T} \right)^{\frac{1}{2}}$$

RJB/ra
OP11ER038

ZONE A

DEPTH	ØN	RHOB	T	GR	RT	RXO	RW	RHOMA	M	N	ØCP	VSH	SW	ØE	SWE
1819	.36	2.35	96	27	2.8	5.98	.052	2.77	.64	.55	.24	.20	.63	.17	.49
1833	.36	2.40	115	22	2.6	2.55	.052	2.71	.67	.58	.36	.16	.40	.30	.20
1840	.32	2.25	103	24	1.5	3.76	.052	2.77	.69	.54	.30	.31	.69	.21	.56
1845	.32	2.20	104	21	1.0	3.41	.052	2.74	.71	.57	.31	.22	.77	.24	.71
1846	.34	2.20	110	28	.7	3.19	.052	2.76	.66	.55	.32	.28	.92	.23	.89
1868.5	.265	2.23	110	12	.6	4.36	.051	2.69	.64	.60	.27	.05	1.05	.26	1.05

Comments: M = 2 $AR_W = R_W$ Value i.e. R_W = .064 & a = .81

RJB/ra
OP11ER038A/1
February 4, 1986

3170221

ZONE B

DEPTH	ØN	RHOB	T	GR	RT	RXO	RW	RHOMA	M	N	ØCP	VSH	SW	ØE	SWE
2725	.195	2.40	85	18	7	6.14	.067	2.72	.74	.57	.19	.19	.54	.15	.43
2759	.200	2.38	90	20	21	5.63	.066	2.72	.72	.58	.20	.17	.29	.16	.15
2760.5	.165	2.32	95	22	26	6.73	.066	2.64	.71	.63	.20	.00	.25	.20	.25
2762.5	.135	2.37	78	20	52	9.57	.066	2.64	.81	.63	.17	.00	.21	.17	.21
2810	.24	2.35	84	14	16	4.45	.066	2.74	.78	.56	.23	.10	.28	.20	.20
2820.5	.11	2.30	86	10	90	8.52	.065	2.58	.79	.69	.18	.00	.15	.18	.15
2845.5	.15	2.40	80	16	6	8.78	.065	2.68	.78	.61	.17	.07	.63	.15	.61
2374	.17	6.40	87	12	10	7.85	.065	2.70	.73	.59	.18	.05	.46	.17	.43
2952.5	.19	2.41	82	19	17	6.18	.063	2.73	.76	.57	.18	.19	.35	.15	.20
2974.5	.13	2.40	84	13	35	10.35	.063	2.66	.75	.62	.16	.02	.27	.15	.26
2988	.135	2.27	89	13	50	6.40	.063	2.53	.79	.68	.20	.00	.18	.20	.18
2990	.18	2.37	86	17	20	6.15	.063	2.69	.75	.60	.19	.10	.30	.17	.22
2991.5	.15	2.30	90	13	45	6.49	.063	2.62	.76	.65	.20	.00	.19	.20	.19
3012.5	.14	2.42	90	15	13	9.75	.062	2.63	.70	.61	.16	.08	.46	.14	.41

Comments: M = 2 AR_W = .067 R_W = .083 @ 2725

VSH = $F(V_{ma}, M, GRS)$

RJB/ra
OP11ER038A/2
February 4, 1986

317022

GEOTHEMAL GRADIENT

Calculated from mean surface temperature and static bottom hole temperature.

T_1 = Temperature @ Time 1(°F)

T_2 = Temperature @ Time 2(°F)

BST = Bottom hole static temperature (°F)
a = Cooling constant
t_1 = Time 1 (Hrs)

t_2 = Time 2 (Hrs)

BS = Bit size (inches)

$$BST = T_1 + e^{-at_1}\left(\frac{(T_2 - T_1)}{e^{-at_1} \quad e^{-at_2}}\right)$$

$a = 4.605/(BS * CT)$

CT = Time spent cooling last 100 ft of hole
(DRL + CIRC Time)

RUN SEQ	TIME SINCE CIRC	A	BHT	BST
1	9.5		250°F	333°F
2	18.0		270°F	302
3	31.15		281°F	342

BST = 325°F

Geothemal Gradient = 2.96°/100'

T_o = 166°F

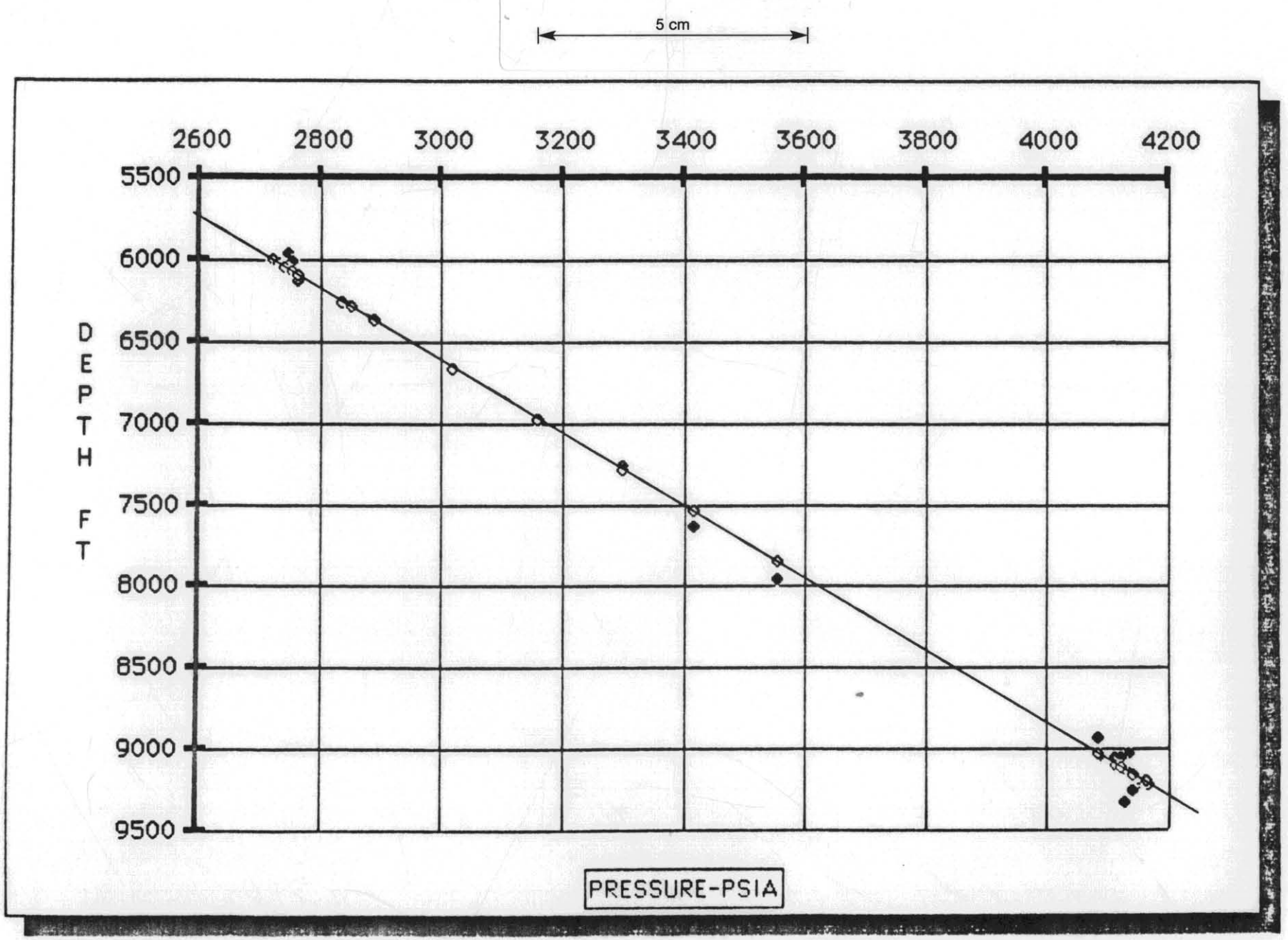
Appendix No. 2
RFT Data

YOLLA #1 RFT PRESSURES

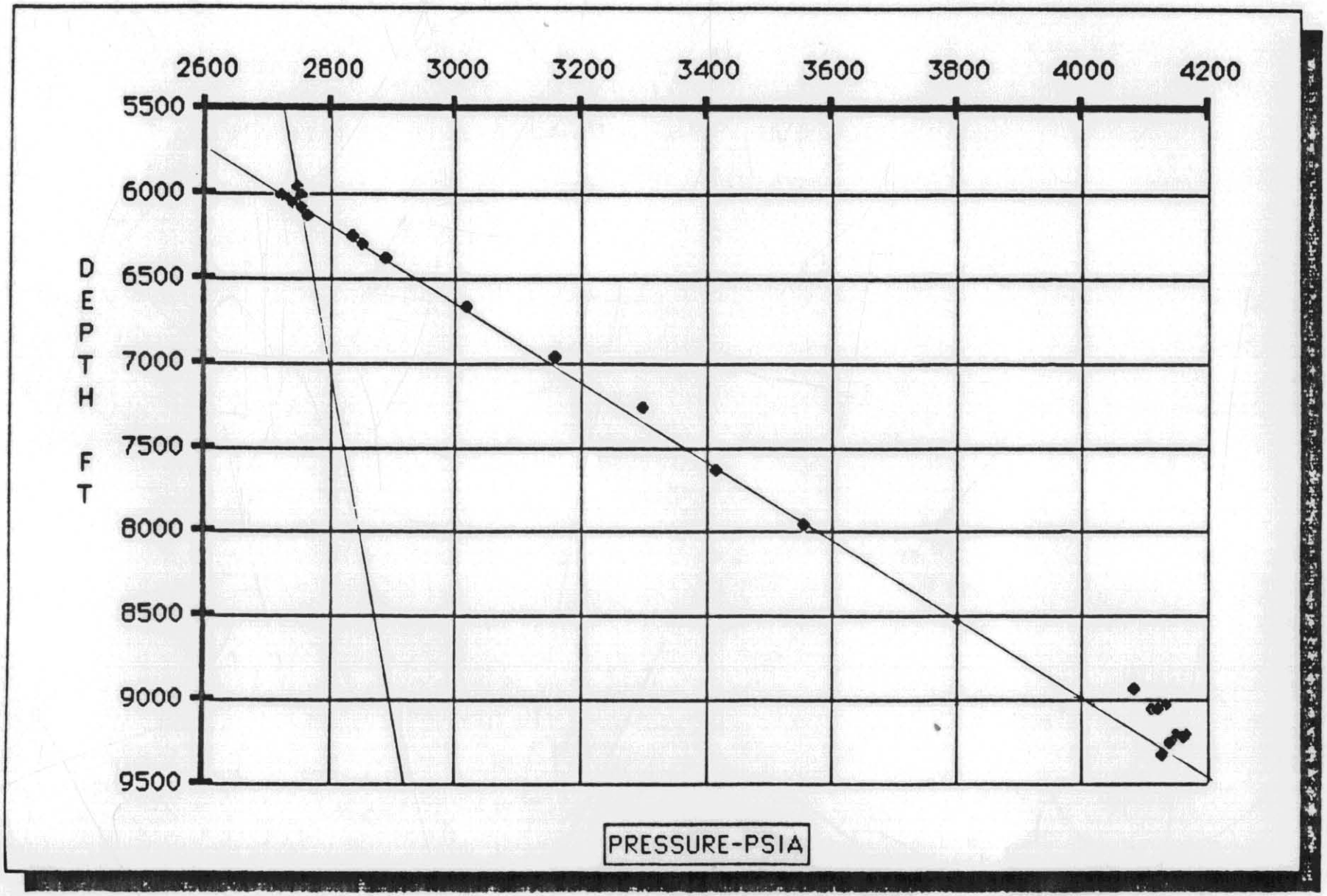
Pressure-PSIA	Depth-Feet	Meters
2748	5963	1818
2752	6012.2	1833
2722	6010.6	1832.5
2731	6031.9	1839
2739	6045	1843
2742	6056.5	1846.5
2753	6087.7	1856
2763	6127	1868
2836	6248.4	1905
2850	6300.9	1921
2888	6382.9	1946
3019	6671.5	2034
3160	6970	2125
3299	7265.2	2215
3415	7632.5	2327
3555	7963.8	2428
4088	8938	2725
4135	9039.7	2756
4123	9054.4	2760.5
4120	9062.6	2763
4168	9220	2811
4162	9226.6	2813
4129	9333.2	2845.5
4152	9220	2811
4146	9252.9	2821
4142	9261	2823.5
4085	8938	2725
4114	9054.4	2760.5
4123	9063.6	2763.3

RJB057/jcw

YOLLA #1 RFT PRESSURES



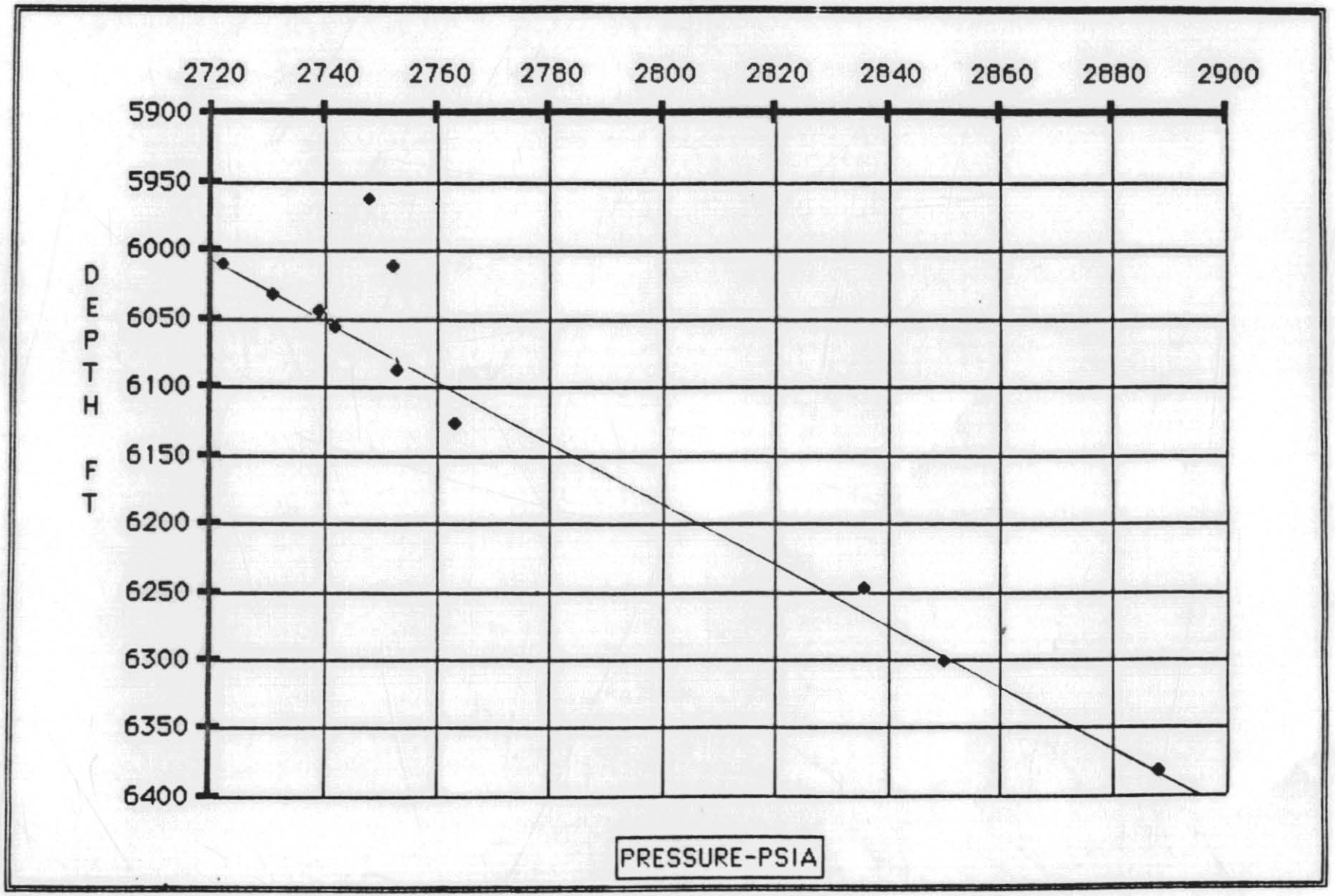
3170 25


2600
2800
3000
3200
3400
3600
3800
4000
4200
5500
6000
6500
7000
7500
8000
8500
9000
9500
DEPTH FT
PRESSURE-PSIA

5 cm

317026

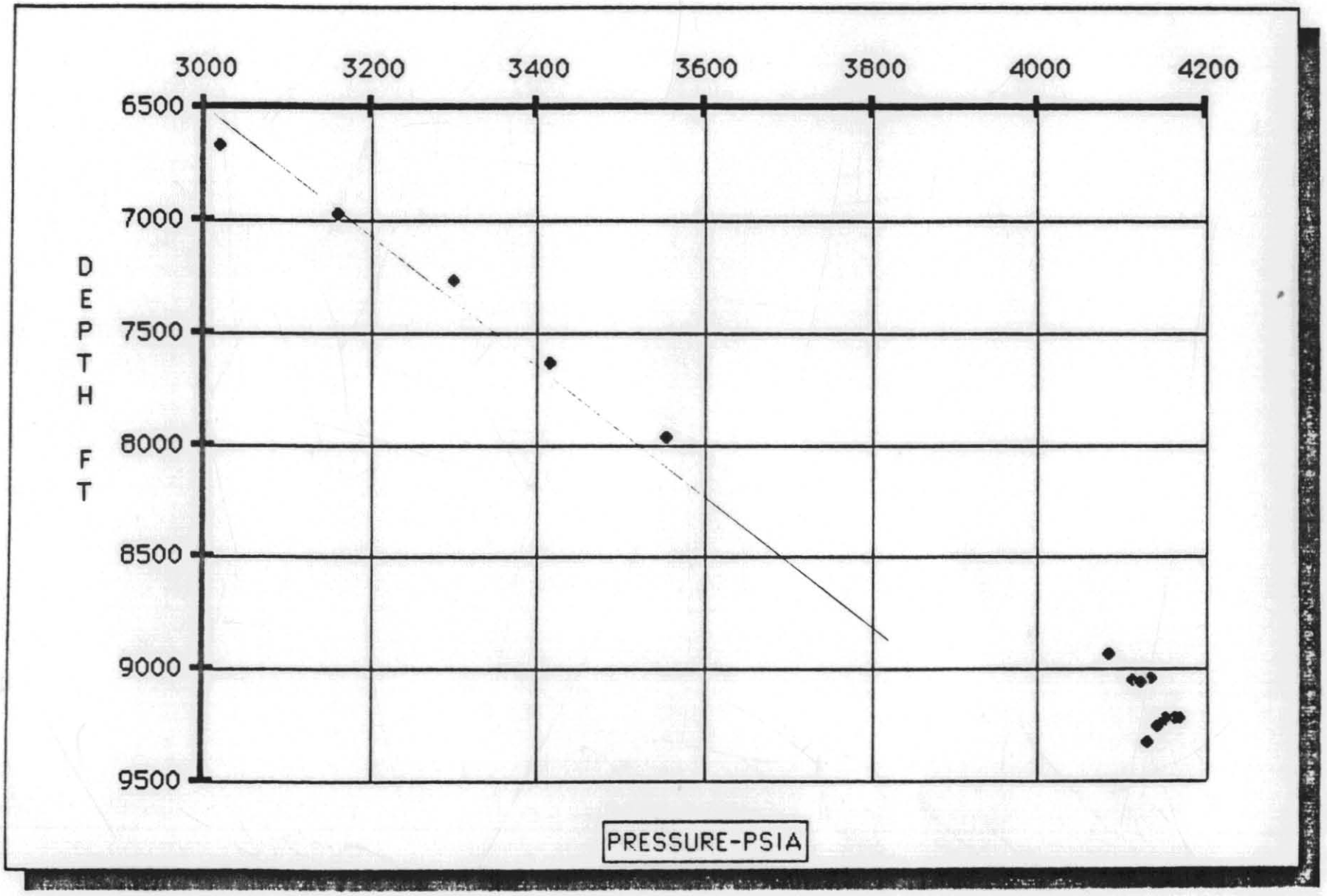
YOLLA #1 RFT PRESSURES



5 cm

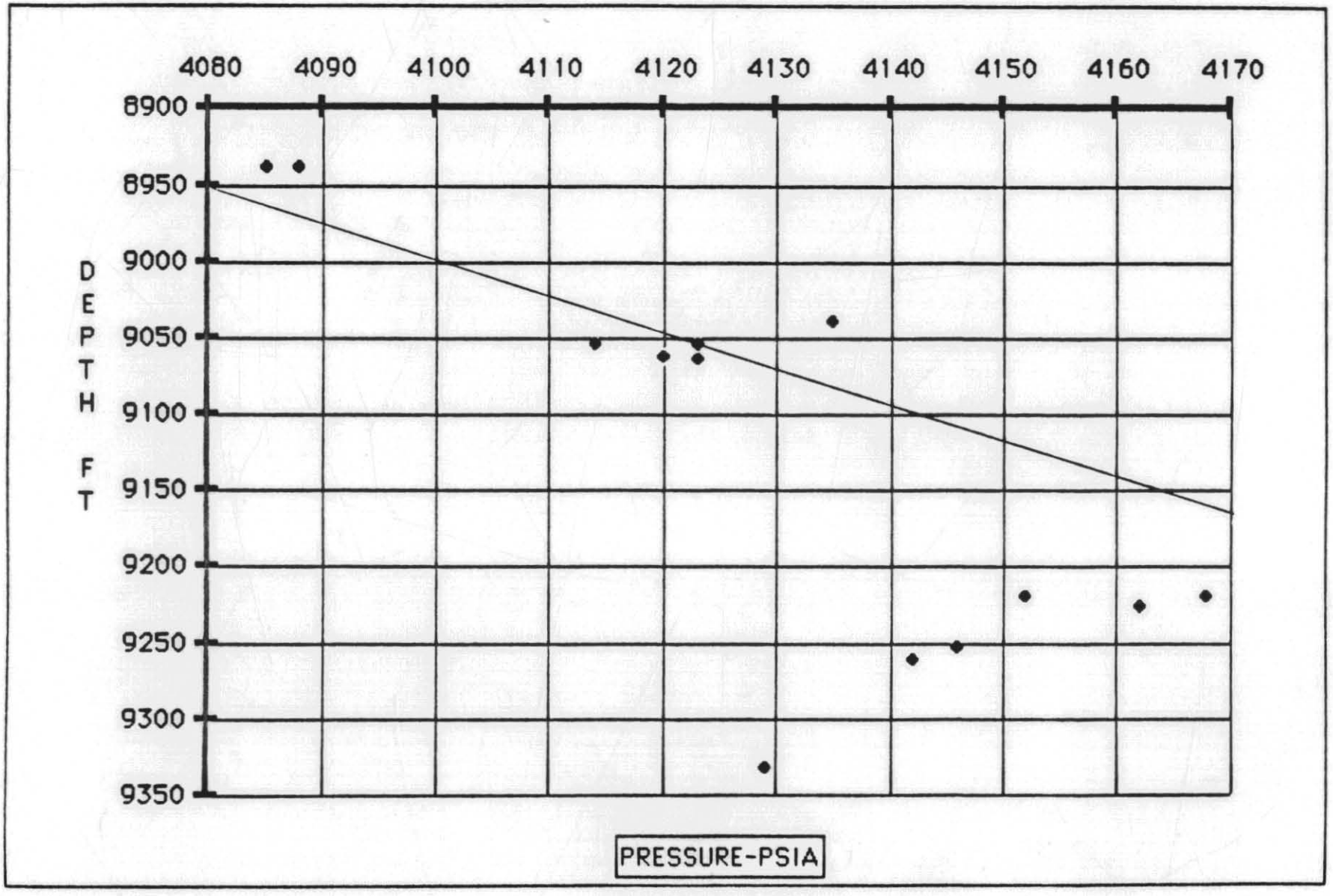
317027

YOLLA #1 RFT PRESSURES



5 cm

317028


4080
4090
4100
4110
4120
4130
4140
4150
4160
4170
8900
8950
9000
9050
9100
9150
9200
9250
9300
9350
DEPTH FT
PRESSURE-PSIA

5 cm

317029

RFT PRETEST

DEPTH	SEC	HYD	FORM	$P_1(Q_1)$	$P_2(Q_2)$	REMARKS
1845	5	3140	2725.6	-	? 2630	Possible plugging
1820	-	3096	-	14	8	Tight
1761	-	Open in cave to check proper operation				
1832.7	17	3116	2710	2600	2440	Perm OK
1807		3070	-	10	5	Tight
1814		3080	-	12	7	Tight
1820	-	3091	-	11	6	Tight & Seal Failed
1827	-	low Perm or Plugging			-	? + Seal Failed
1830	156	3103	2709.5	2185	1713	Perm OK
1830.2	-	-	-	-	-	Seal Failed
1832	-	3105	-	2620	2501	Perm OK
1833	7	3110	2709.3	2632	2575	Perm OK
1837	6	3118	2712.8	2585	2452	Perm OK
1845	32	3132	2722.2	2580	2440	Perm OK
Last RFT Run						
2724	600	4671	4125.0	27	16	Low Perm
2762	-	4745	-	3904	-	Seal Failed Perm OK
2761	-	4734	-	4043	3800	Seal Failed Perm OK
2761.3	186	4730	4156.0	3460	2900	Mod Perm
2810	-	4822	-	4086	-	Perm OK Seal Failed
2820	2	4832	4170.5	4115	3969	Good Perm
2874	420	4922	4238	3617	3400	Mod Perm
2952.5	330	5060	4382	4025	3630	Mod Perm
2974	-	5088	-	3560	-	Mod Perm Seal Failed
2973.5	222	5084	4387	3050	1725	L-Mod Perm
2988*	165	5105	4392	4258	4133	M-G Perm-Took Sample

SEC = Seconds from shut-in to build up pressure
HYD = Hydrostatic pressure
FORM = Pressure at build up or final shut-in
$P_1(Q_1)$ = Flowing Pressure at flowrate 35 CC/MIN

P (Q) = Flowing Pressure at flowrate 110 CC?MIN

* Sample at 2988 47.7 CU FT Gas

~ 1500 CC H_2O

~ 100 CC Condensate ?? (White Oily Fluid)

Implies Gas Production with small volume condensate.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

AMOCO EXPLORATION

YOLLA NO. 1
YOLLA
VICTORIA

3170031

AMOCO EXPLORATION
YOLLA NO. 1
YOLLA
VICTORIA

DATE : 17/7/85
FORMATION :
DRLG. FLUID:
LOCATION : BASS BASIN

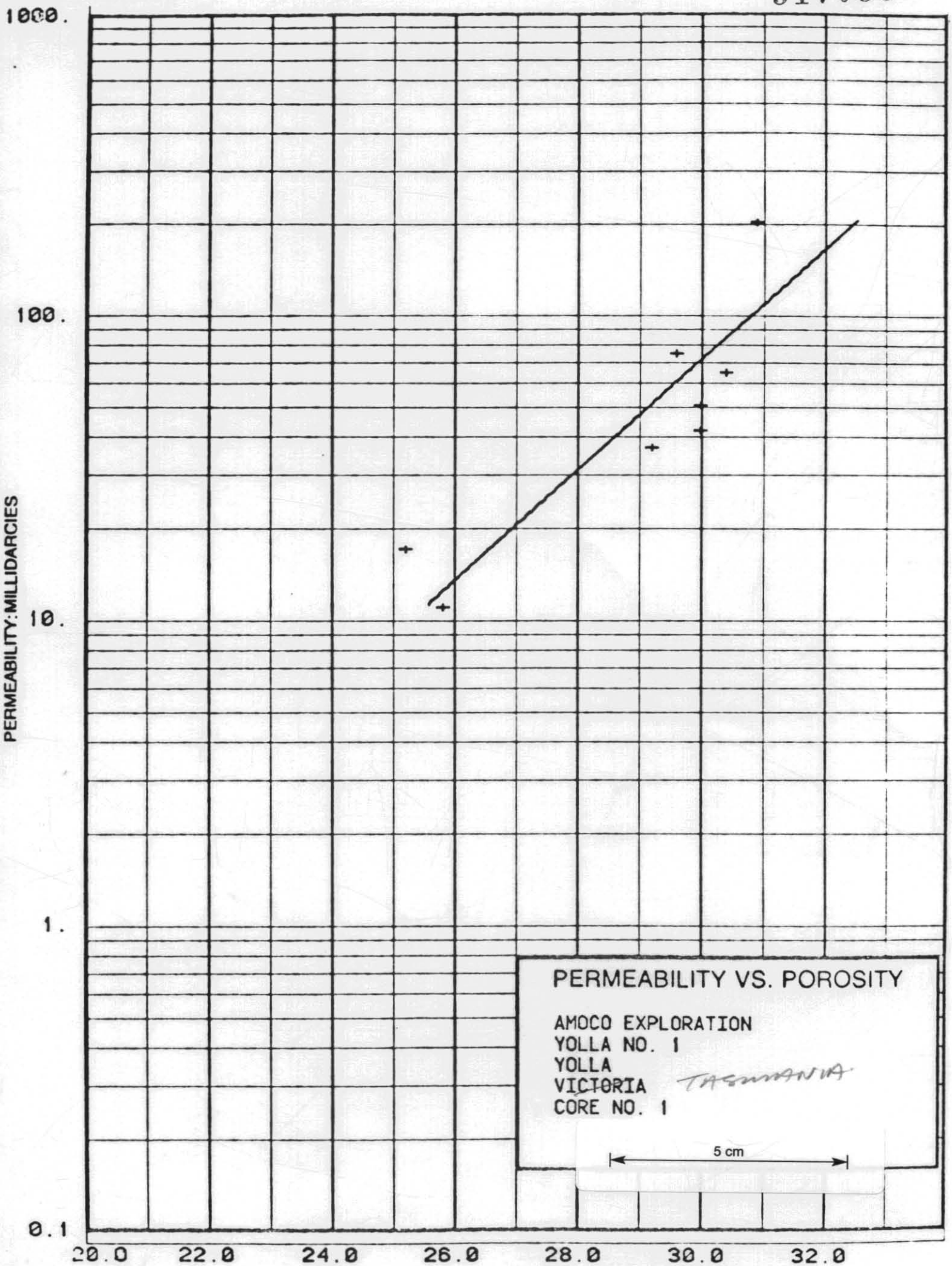
FILE NO : ADCA 85013
LABORATORY: ADELAIDE
ANALYSTS : RM;DOI
ELEVATION :

CONVENTIONAL CORE ANALYSIS

SAMPLE NUMBER	DEPTH FEET	PERM MD HORIZ Ka	FLD POR	He POR	OIL% PORE	WTR% PORE	GRAIN DEN M	DESCRIPTION
	CORE NO. 1							
1	6055.0	75.	31.1	29.6	12.5	84.8	2.65	LEAD SLEEVE
2	6056.0	17.	23.1	25.2	11.1	81.3	2.70	SST BRN/GY VFG FRM SBANG-SBRND WL SRT ABD ORG DETR MAT CARB SPK V SLTY MIC MIC
3	6057.0	11.	31.2	25.8	4.3	90.6	2.65	SST BRN/GY VFG FRM SBANG-SBRND WL SRT CARB INCL V SLTY MIC MIC I/P
4	6058.0	65.	28.7	30.4	5.6	88.3	2.65	SST BRN VFG FRM SBANG-SBRND WL SRT OCC CARB SPK SLTY MIC MIC
5	6059.0	51.	27.7	30.0	5.0	88.5	2.74	SST BRN VFG FRM SBANG-SBRND WL SRT OCC CARB SPK SLTY MIC MIC I/P
6	6060.0	37.	31.0	29.2	3.7	90.5	2.65	SST LTGY/BRN VFG FRM SBANG-SBRND WL SRT MNR CARB INCL V SLTY MIC MIC I/P
7	6061.0	42.	28.0	30.0	4.6	86.2	2.65	SST LTBRN/GY VFG FRM SBANG-SBRND WL SRT MNR CARB INCL SLTY MIC MIC
8	6062.0	204.	29.8	30.9	4.2	79.9	2.65	LEAD SLEEVE
9	6063.0		26.1		4.1	71.8		BROKEN CORE
9A	6063.0		31.0		2.8	97.7		BROKEN CORE

317032

317033


1000.
100.
10.
1.
0.1
PERMEABILITY:MILLIDARCIES
20.0
22.0
24.0
26.0
28.0
30.0
32.0
PERMEABILITY VS. POROSITY
AMOCO EXPLORATION
YOLLA NO. 1
YOLLA
VICTORIA
TASMANIA
CORE NO. 1
5 cm

PERMEABILITY VS POROSITY

COMPANY: AMOCO EXPLORATION
FIELD : YOLLA
WELL : YOLLA NO. 1
COUNTY, STATE: ~~VICTORIA~~ TERMINATED

CORR'L FOR SLIPPAGE TREND USE PARM W/250. DRAWDOWN

AIR PERMEABILITY : MD - HORIZONTAL —>(UNCORRECTED FOR SLIPPAGE)
POROSITY : PERCENT (HELIUM)

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY MINIMUM	PERMEABILITY MAXIMUM	POROSITY MIN.	POROSITY MAX.	POROSITY AVERAGE	PERMEABILITY AVERAGES ARITHMETIC	HARMONIC	GEOMETRIC
6055.0 - 6099.8	1 (+)	11.000	204.0	25.2	30.9	28.9	63.	32.	44./37 w/ SLIP

EQUATION OF REDUCED LINE RELATING PERMEABILITY(K) TO POROSITY :
LOG(K) = (SLOPE)(POROSITY) + LOG OF INTERCEPT
K = ANTILOG((SLOPE)(POROSITY) + LOG OF INTERCEPT)

RANGE	EQUATION OF THE LINE
1	PERM = ANTILOG((0.1813)(POROSITY) + -3.5899)

317034

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: AMOCO EXPLORATION — WELL : YOLLA NO. 1
FIELD : YOLLA — COUNTY, STATE: VICTORIA

AIR PERMEABILITY	: MD.	(HORIZONTAL)	RANGE USED	0.000	TO 204.
POROSITY	: PERCENT	(HELIUM)	RANGE USED	0.0	TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS	: 6055.0 - 6099.8	INTERVAL LENGTH	:	44.8
FEET ANALYZED IN ZONE	: 8.0	LITHOLOGY EXCLUDED	:	NONE

DATA SUMMARY

POROSITY	PERMEABILITY AVERAGES		
AVERAGE	ARITHMETIC	HARMONIC	GEOMETRIC
28.9	63.	32.	44.

317035

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: AMOCO EXPLORATION
FIELD : YOLLA

WELL : YOLLA NO. 1
COUNTY, STATE: VICTORIA

GROUPING BY POROSITY RANGES

POROSITY RANGE	FEET IN RANGE	AVERAGE POROSITY	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
24.0 - 26.0	2.0	25.5	14.	14.	25.0	25.0
28.0 - 30.0	2.0	29.4	53.	56.	25.0	50.0
30.0 - 32.0	4.0	30.3	73.	91.	50.0	100.0

TOTAL NUMBER OF FEET = 8.0

317036

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: AMOCO EXPLORATION
FIELD : YOLLA

WELL : YOLLA NO. 1
COUNTY, STATE: VICTORIA

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
10.- 20.	2.0	14.	14.	25.5	25.0	25.0
20.- 40.	1.0	37.	37.	29.2	12.5	37.5
40.- 80.	4.0	57.	58.	30.0	50.0	87.5
160.- 320.	1.0	204.	204.	30.9	12.5	100.0

TOTAL NUMBER OF FEET = 8.0

317037

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: AMOCO EXPLORATION
FIELD : YOLLA

WELL : YOLLA NO. 1
COUNTY, STATE: VICTORIA

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
0.0	0.0	0.0	8.0	100.0	28.9	30.0
2.0	0.0	0.0	8.0	100.0	28.9	30.0
4.0	0.0	0.0	8.0	100.0	28.9	30.0
6.0	0.0	0.0	8.0	100.0	28.9	30.0
8.0	0.0	0.0	8.0	100.0	28.9	30.0
10.0	0.0	0.0	8.0	100.0	28.9	30.0
12.0	0.0	0.0	8.0	100.0	28.9	30.0
14.0	0.0	0.0	8.0	100.0	28.9	30.0
16.0	0.0	0.0	8.0	100.0	28.9	30.0
18.0	0.0	0.0	8.0	100.0	28.9	30.0
20.0	0.0	0.0	8.0	100.0	28.9	30.0
22.0	0.0	0.0	8.0	100.0	28.9	30.0
24.0	0.0	0.0	8.0	100.0	28.9	30.0
26.0	2.0	22.1	6.0	77.9	30.0	30.5
28.0	2.0	22.1	6.0	77.9	30.0	30.5
30.0	4.0	47.5	4.0	52.5	30.3	31.0
32.0	8.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 231.1

317038

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: AMOCO EXPLORATION
FIELD : YOLLA

WELL : YOLLA NO. 1
COUNTY, STATE: VICTORIA

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

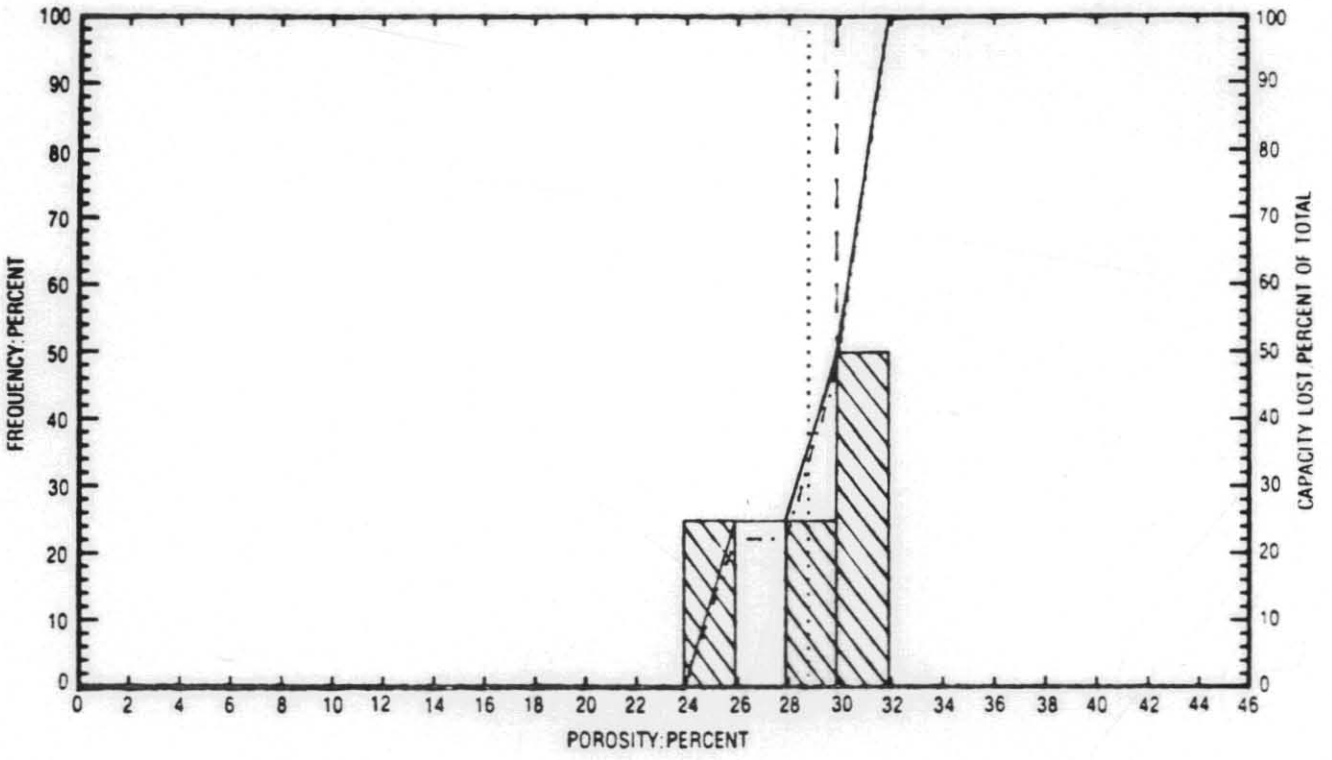
PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
0.005	0.0	0.0	8.0	100.0	44.26	47.57
0.010	0.0	0.0	8.0	100.0	44.26	47.57
0.020	0.0	0.0	8.0	100.0	44.26	47.57
0.039	0.0	0.0	8.0	100.0	44.26	47.57
0.078	0.0	0.0	8.0	100.0	44.26	47.57
0.156	0.0	0.0	8.0	100.0	44.26	47.57
0.312	0.0	0.0	8.0	100.0	44.26	47.57
0.625	0.0	0.0	8.0	100.0	44.26	47.57
1.250	0.0	0.0	8.0	100.0	44.26	47.57
2.500	0.0	0.0	8.0	100.0	44.26	47.57
5.	0.0	0.0	8.0	100.0	44.26	47.57
10.	0.0	0.0	8.0	100.0	44.26	47.57
20.	2.0	5.6	6.0	94.4	65.48	56.57
40.	3.0	12.9	5.0	87.1	73.40	61.69
80.	7.0	59.4	1.0	40.6	204.00	226.27
160.	7.0	59.4	1.0	40.6	204.00	226.27
320.	8.0	100.0	0.0	0.0		

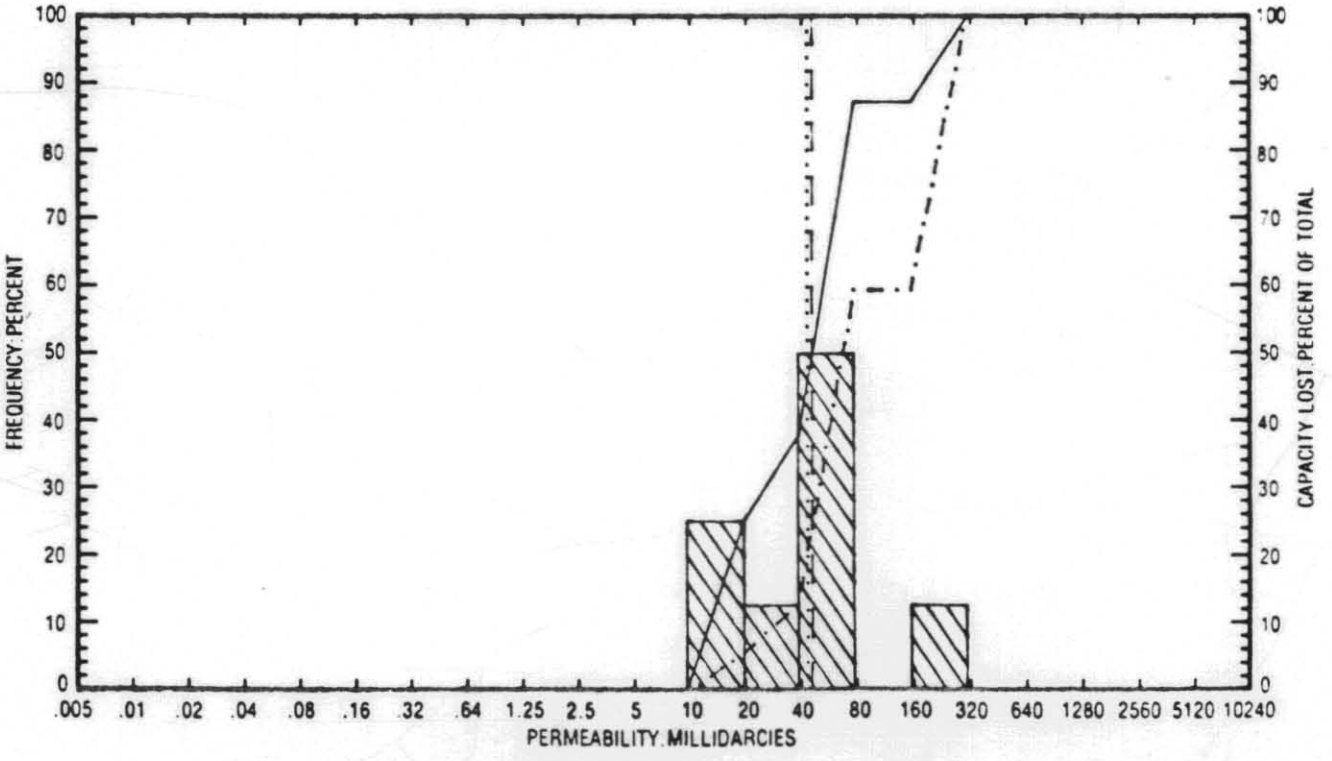
TOTAL FLOW CAPACITY IN MILLIDARCY-FEET(ARITHMETIC) = 502.00 = $\bar{K}h$

317039

317040

5 cm





PERMEABILITY AND POROSITY HISTOGRAMS

AMOCO EXPLORATION
YOLLA NO. 1
YOLLA
VICTORIA
CORE NO. 1

LEGEND

ARITHMETIC MEAN POROSITY
GEOMETRIC MEAN PERMEABILITY
MEDIAN VALUE
CUMULATIVE FREQUENCY
CUMULATIVE CAPACITY LOST

STATISTICAL DATA FOR GRAIN DENSITY HISTOGRAM

COMPANY: AMOCO EXPLORATION
FIELD : YOLLA

WELL : YOLLA NO. 1
COUNTRY : VICTORIA

GRAIN DENSITY : gm/cc (MEASURED) RANGE USED 2.34 TO 2.94

DEPTH LIMITS : 6055.0 - 6099.8 INTERVAL LENGTH : 44.8
FEET ANALYZED IN ZONE : 10.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

GRAIN DENSITY ARITHMETIC MEAN	GRAIN DENSITY MEDIAN
2.67	2.65

317041

...conclusions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions

STATISTICAL DATA FOR GRAIN DENSITY HISTOGRAM

COMPANY: AMOCO EXPLORATION
FIELD : YOLLA

WELL : YOLLA NO. 1
COUNTRY : VICTORIA

GROUPING BY GRAIN DENSITY RANGES

GRAIN DENSITY RANGE	FEET IN RANGE	AVERAGE DENSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
2.64 - 2.66	6.0	2.65	75.0	75.0
2.70 - 2.72	1.0	2.70	12.5	87.5
2.74 - 2.76	1.0	2.74	12.5	100.0

TOTAL NUMBER OF FEET = 8.0

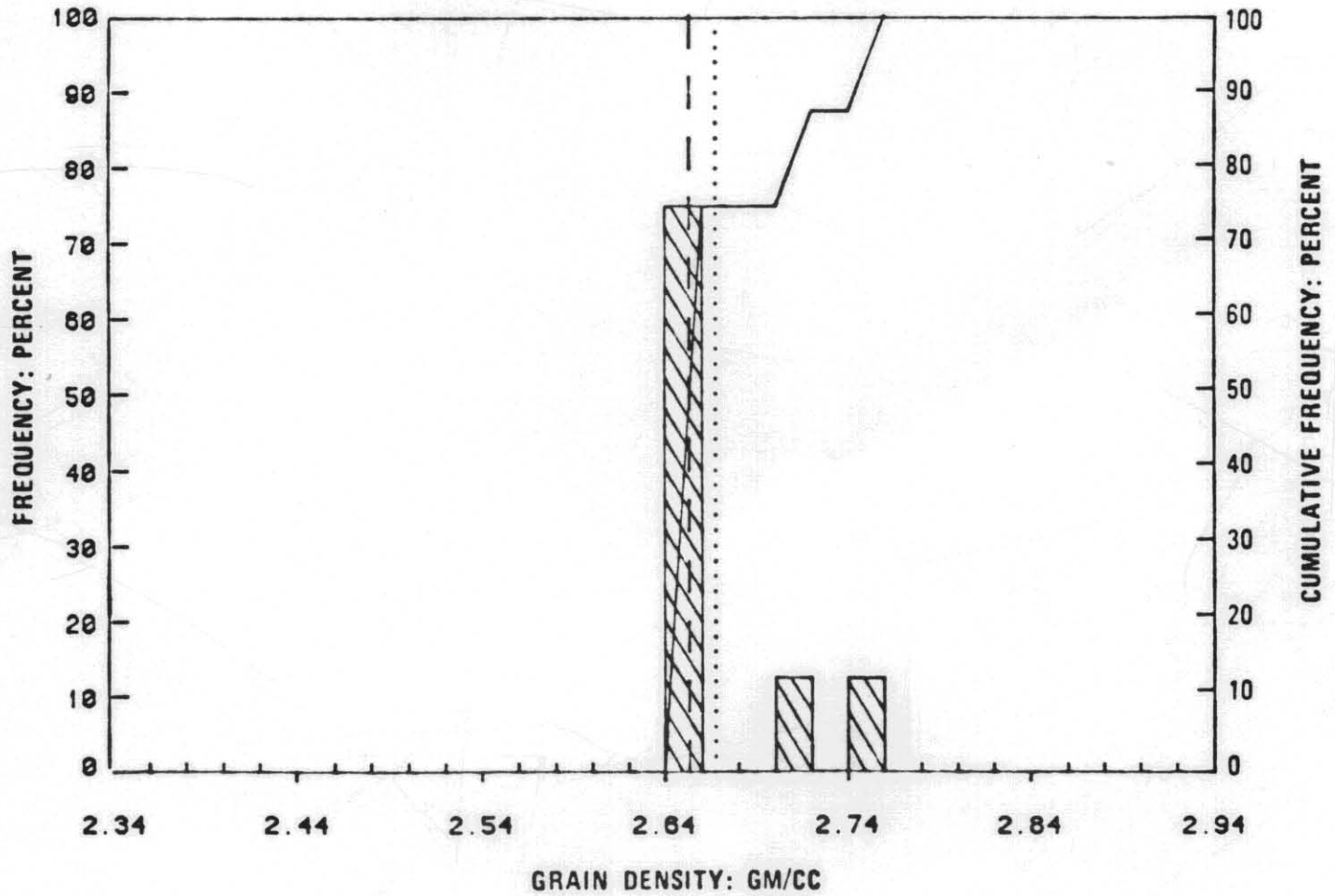
317042

317043

CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

COMPANY AMOCO EXPLORATION — FILE NO. ADCA 8501
WELL YOLLA NO. 1 — DATE 22/7
FIELD YOLLA — FORMATION — ELEV.
COUNTRY VICTORIA — DRLG. FLD. — CORES
LOCATION BASS BASIN

GRAIN DENSITY HISTOGRAM



LEGEND
ARITHMETIC MEAN GRAIN DENSITY .....
MEDIAN VALUE — — —
CUMULATIVE FREQUENCY ———

5 cm

317044

5 cm

ER A_S CODE NO 7521 551

CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

MPANY AMOCO EXPLORATION — FILE NO ADCA 85013

:LL YOLLA NO. 1 — DATE 17/7/85

LD YOLLA — FORMATION — ELEV.

JNTY VICTORIA — STATE — DRLG. FLD — CORES

CATION BASS BASIN

CORRELATION COREGRAPH

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VERTICAL SCALE: 1:240 FEET

Total Water

PERCENT PORE SPAC

100 80 60 40 20

Gamma Ray

RADIATION INCREASE

150

Permeability

MILLIDARCIES

1000 100 10 1

Depth Feet

Porosity

PERCENT

30 20 10 0

Oil Saturation

PERCENT PORE SPAC

0 20 40 60 80

CORE N° 1

BROKEN CORE

6050

6100

317045

5 cm

CORE LABORATORIES, INC. *Petroleum Reservoir Engi*

COMPANY AMOCO EXPLORATION FILE NO

WELL YOLLA NO.1 DATE

FIELD YOLLA FORMATION ELEV

COUNTY VICTORIA STATE DRLG. FLD. CORES

LOCATION BASS BASIN

CORRELATION COREGRAPH

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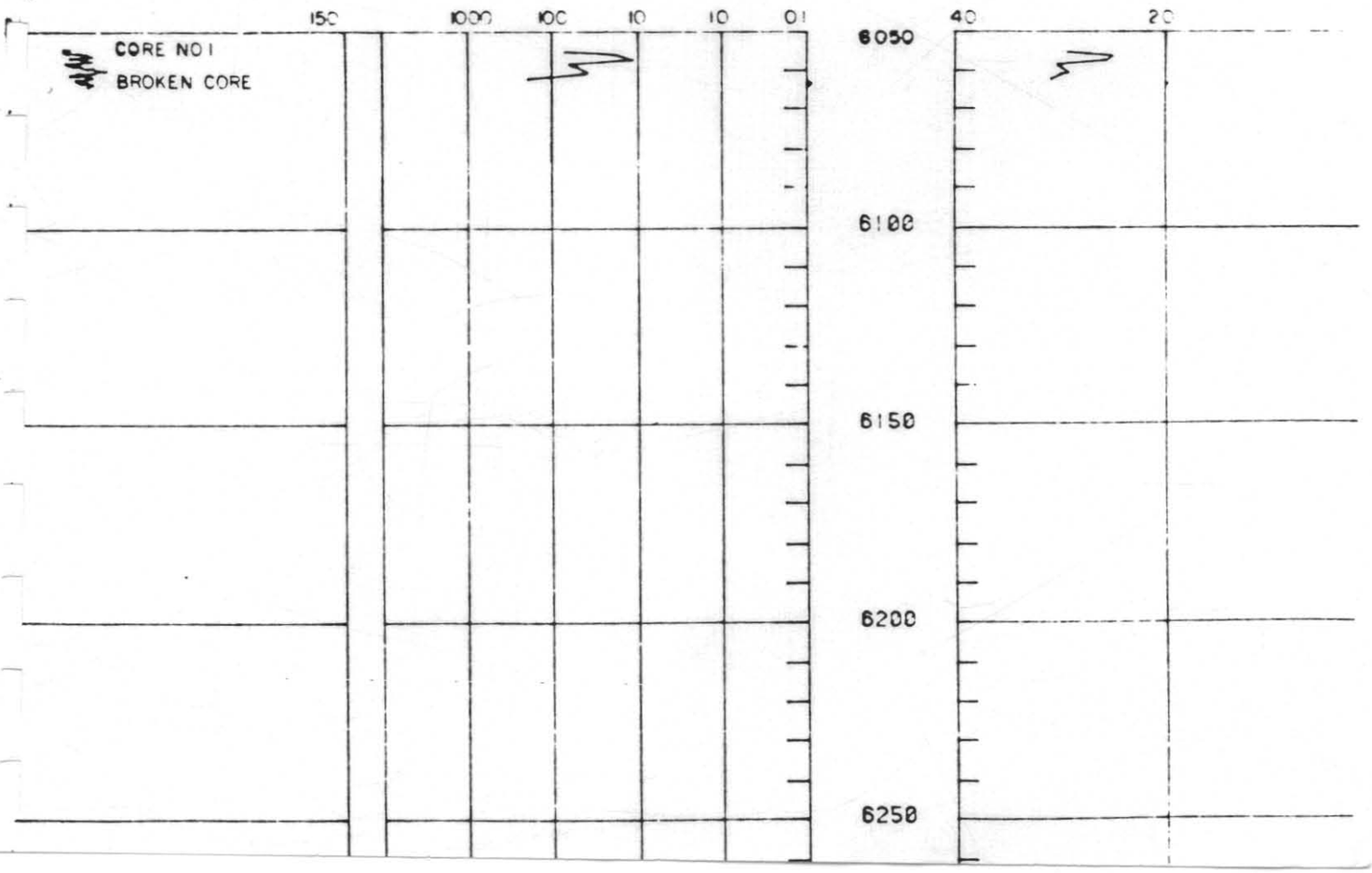
VERTICAL SCALE 1" = 50'

Gamma Ray — RADIATION INCREASE →

Permeability — MILLIDARCIES

Porosity — PERCENT



26/09/85 17:05 AMOCO-AUST PET SYD P04

SIDEWALL CORE SUMMARY - YOLLA NO. 1

No.	DEPTH(M)	ROCK TYPE	GRAIN SIZE	MATRIX/CEMENT	POROSITY%	STAIN	FLUORESCENCE	CUT	CRUSH CUT	DESSIC. RING	RATINGS
1	3028	Cly Sst	Vf-f	Wh & brn cly	10-20	Spotty, ltbrn	dull yel-brn	Clr,v.transp lt yel	Clr,mod transp lt ylw-wh	Clr,brt gold-yel	Poor
2	3014.5	Sdy Carb Clst (vf-f)	-		tr frac	-	fr.v dull yel-brn	clr dull lt yel	Lt brn w/bl-wh	lt brn,v.brt gold-yel	Poor
3	3013	Sst	Vf-f	Kaolin, tr calc	20-30	v.spotty lt brn	v.dull yel-brn	clr,v.faint yel	Clr,transp lt yel	Clr,mod brt lt yel	Poor
4	3010	Sst	Vf-f	Kaolin,tr calc	10-20	Tr spotty lt brn	yel-brn	clr transp dull lt yel	Clr,mddbrt lt yel	Clr,modbrt lt gold-yel	Poor
5	3006	Sdy Carb Clst (Vf)	-		Tr frac	Tr spotty lt brn	Spotty dull yel-brn	Clr,brt lt yel bl-wh	Clr,brt transl,lt yel bl-wh	Lt brn,v.brt gold-yel	Poor
6	3002.5	Cly Sst	Vf-f	Abnt Kaolinite (?)	10-20	Tr lt brn	Mod even v.dull yel-brn	Clr, faint yel	Clr,mod brt transp,lt yel	Clr, mod brt lt yel	Poor
7	2994	Cly. Sst	Vf-f	Kaolin (?)	10-20	Tr lt brn	tr dull yel-brn	Clr,dull yel	Clr,mod brt transp, lt yel	Clr, mod brt lt yel	Poor
8	2992	N.R.									
9.	2988	Cly Sst	Vf-f	Mod Clayey	10-20	-	Mod even mod yel-brn	Clr,transp lt yel	Clr,v brt transp, med yel	Lt brn,mod dull yel	Poor
10	2985	Sst w/Clst	Vf	Kaolinetic (?)	10-20	Trace lt brn	Trace dull yel-brn	Clr,v.brt transp,lt yel	Clr, v.brt transl,lt yel bl-wh	Mod brn brt yel-gold	Poor
11	2974.5	Cly Sst	Vf-f	Abun Kaolinetic (?)	15-25	Tr spotty lt brn	Spotty dull gold yel	Clr,v brt bl-wh	Clr,v brt transp, bl-wh	Clr,med brt lt yel bl-wh	Exc.
12	2970	Clst				-	-	Clr,vpl yel	Clr,v brt transp bl-wh	Mod brn v.brt yel-gold	Poor
13	2960.5	Slty Sdy Clst (vf)				Tr lt brn	Tr dull yel-brn	Clr, pl yel	Clr,mod brt transp. yel-bl-wh	Clr, mod brt lt yel	Poor
14	2952.5	Cly Sst	Vf-f	Bentonitic-Kaolinitic (?)	10-25	Patchy lt brn	Even-patchy mod brt lt-yel	V.brt,transp yel bl-wh	Lt brn, brt transl, lt yel-bl-wh	Lt brn,brt mod yel	Exc.
15	2945	Clst				-	-	Clr, lt yel	Clr, lt bl-wh	Clr, lt yel	Poor
16	2885	Clst			Frac			Tr V.lt yel	Clr,transp med lt yel	Clr, modbrt lt yel	Poor
17	2879.5	Sst	Vf	Abnt kaolinitic (?)	10-20	Tr lt brn	Tr dull yel-brn	Clr, V.lt yel	Clr,mod brt transp lt yel	Clr, mod brt yel	Poor
18	2874	Sst	Vf	Abnt kaolinitic (?)	20-30	Tr v.lt brn	Pl dull yel-brn	Clr,mod brt v.lt yel	Clr,v.brt transp yel-bl-wh	Clr,med brt yel	Exc.
19	2845.5	Sst	Vf-f	Bentonitic-Kaolinitic (?)	15-25	Rare v.lt brn	Rare v.lt dull yel	-	Clr,v.lt yel	V pl yel	Poor

317046

SIDEWALL CORE SUMMARY - YOLLA NO. 1

No.	DEPTH(M)	ROCK TYPE	GRAIN SIZE	MATRIX/CEMENT	POROSITY%	STAIN	FLUORESCENCE	CUT	CRUSH CUT	DESSIC. RING	RATING
20	2841.5	Sst	Vf	Bentonitic-kaolinitic (?)	15-25	Rare v lt brn	Rare v lt dull yel	Rare v faint yel	Clr,v lt yel	V.pl yel	Poor
21	2828.5	Sst	Vf	20-40% mod calcitic bentonitic-kaolinitic (?)	15-25	Mod even v lt brn	V lt dull yel	-	Clr, pl yel	V pl yel	Poor
22	2823.5	Sst	Vf-f	20-25% mod calcitic bentonitic-kaolinitic (?)	25-30	Mod even v lt brn	Tr v lt dull yell	Clr, v pl yel	Clr, mod lt yel	Clr, med yel	Poor
23	2820	Sst	Vf-f	Kaolinitic (?)	20-30	Rare v lt brn	Rare v dull yel-brn	Clr,v lt yel-bl-wh	Clr, v brt transp bl-wh	V lt brn, v brt, gold-yel	Poor
24	2813	Sst	Vf-f	Kaolinitic (?)	20-30	Spotty lt brn	25% patchy pl bl-wh	Clr, mod brt lt yel	Clr, v brt transp, lt yel	Clr,med brt v lt yel	Exc.
25	2810	Sst	Vf	Mod Abnt kaolinitic (?)	20-25	Rare v lt brn	Rare yel-bl-wh	Clr, med yel	Clr, med brt transp, lt yel	Clr, mod brt lt yel	Poor
26	2763	Sst	Vf-f	Kaolinitic (?)	Indet	Rare v lt brn	Rare v lt dull yel-brn	Indet	Indet	Indet	Fair
27	2759.5	Sst	Vf-f	Kaolinitic (?)	15-25	Rare lt brn	Rare dull yel-brn	Clr,v lt yel-bl-wh	Clr, med brt transp, lt yel-bl-wh	Clr, med brt lt yel	Poor
28	2756	Sst	Vf	20-40% kaolinitic (?)	15-20	Uneven v lt brn	Uneven v lt dull yel	Clr, mod lt yel	Clr, mod brt lt yel	V lt dull yel	Poor
29	2731	Clst			Frac			Clr,v faint yel	Clr,mod brt transp, lt yel	Clr, med yel	Poor
30	2725.5	i/b sst & Clst	Vf-f	20-30% tr calc kaolinitic (?)	15-20	Patchy v lt brn	V pl yel	Clr,mod lt yel	Clr,v brt transp, med yel	Clr,mod brt canary yel	Fair
31	2720	Sst	Vf-f	30% tr calc kaolinitic (?)	25	Mod even v lt brn	Mod even v lt dull yel	Clr,mod brt transp, lt yel	Clr, mod brt, transp, med lt yel	Clr, dull med yel	Poor
32	2642.5	N.R.									
33	2636	Igneous				-	-	-	-	-	-
34	2630	Clstm/sst	Vf	Kaolinitic (?)	10	Rare lt brn	Rare dull yel-brn	Clr,mod brt pl yel bl-wh	Clr,mod brt transp, yel-bl-wh	Clr, mod brt lt yel	Poor
35	1894	N.R.									
36	1868	Sst	Vf-f	Kaolinitic (?)	20-30	Spotty v lt brn	V.faint dull yel	-	Clr,v faint yel	-	Poor
37	1860	Cly Sst	Vf	Kaolinitic (?)	15-20	Gd tr spotty v lt brn	Rare dull yel-brn	-	Clr,mod brt,transp lt yel	Clr, v lt yel	Poor
38	1855	Cly Calc Sst	Vf	20-40% mod calc, kaolinitic (?)	15-20	Spotty v lt brn	V faint dull yel-brn	Clr,v lt yel	Clr,mod brt transp, med lt yel	Clr,v lt dull yel	Poor
39	1850	Sst	Vf	20% kaolinitic (?)	25	Even lt brn	Even dull lt yel	Clr lt yel	Clr,mod brt transp, med yel	Clr, mod brt lt yel	Poor
40	1845	Sst	Vf	20-30% Kaolinitic(?)	15-25	Mod even lt med brn	Mod even v dull v lt yel	Clr,med lt yel	Clr,med brt transp, v lt yel	Clr med brt lt yel	Poor

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SIDEWALL CORE SUMMARY - YOLLA NO. 1

No.	DEPTH(M)	ROCK TYPE	GRAIN SIZE	MATRIX/CEMENT	POROSITY%	STAIN	FLUORESCENCE	CUT	CRUSH CUT	DESSIC. RING	RATINGS
41	1840	Sst	Vf	20-30% kaolinitic(?)	20-30	Patchy v lt brn	Mod even dull lt yel	Clr,mod brt transp, med yel	Clr, brt transp, lt yel	V lt brn mod brt med yel	Poor
42	1835	Sst	Vf	20-30% bentonitic kaolinitic (?)	20-30	Even lt brn -grains floating	Even,mod brt,v lt yel	Clr, mod brt transp, lt yel	Clr,vbrt transp, med lt yel	Clr, v lt yel	Exc.
43	1830	Sstw/Clst	vf	Kaolinitic (?)	Up to 25	Rare v lt brn	Mod even dull yel-brn	Clr,lt yel	Clr,mod brt transp, lt yel	Clr, v brt lt yel	Poor
44	1825	Cly Sst	Vf	Kaolinitic (?)	10-20	Mod even v lt brn	V.uneven v pl v lt yel	Clr, lt yel	Clr,mod brt transp, med lt yel	Clr, brt lt yel	Poor
45	1820	Sdy Py Clst	(Vf)	-	Frac	-	-	Clr, v faint yel	Clr, mod dull yel	Clr,v dull yel	Poor
46	1815	Cly Sst	Vf	20-40% Kaolinitic(?)	10-20	Uneven lt brn	Uneven v lt yel	Clr, v pl yel	Clr,mod brt transp, lt yel	Clr, mod lt yel	Poor
47	1810	Sdy Py Clst	(Vf)	-	-	-	-	Clr,v faint yel	Clr,mod brt transp, lt yel	Clr, v lt yel	Poor
48	1805	Sdy Py Clst	(Vf)	-	-	-	-	Clr,mod brt lt yel	Clr,v brt transp, v lt yel-bl-wh	Clr,mod brt mod lt yel	Poor
49	1795	Clst	-	-	-	-	-	Rare v lt yel	Clr,v lt yel	Clr,mod dull yel	Poor
50	1785	Clst	-	-	-	-	-	Clr,v lt yel	Clr,mod brt transp, med lt yel	Clr,mod brt,yel	Poor
51	1765	Clst	-	-	-	-	-	Rare v lt yel	Clr,v lt dull yel	Clr,v lt yel	Poor

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YOLLA NO. 1 - GAS RATIOS

AUGUST, 1985 GMK

	DRILL DEPTH (M)	TOTAL GAS (PCT)	C1 (PPM)	C2	C3	IC4	NC4	C1/C2	C1/C3	C1/C4 TOT	COMMENTS
UPPER ZONE	1817	6.5	41055	5130	1600	508	714	8.0	25.6	31.5	ZONE IS ALL OIL PRONE
	1820	2.6	9996	1404	480	235	286	7.1	20.8	19.1	
	1823	1.7	3285	820	320	110	115	4.0	10.3	14.6	1817-20M: TIGHTER
	1825	0.64	2512	675	175	----	----	3.7	14.3	-----	1859-62M+: PROBABLY
	1828	12	74256	17820	6400	470	571	4.2	11.6	71.3	OIL AND WATER
	1828.5	23.25	129948	28080	10000	470	1285	4.6	13.0	74.0	PRODUCTIVE
	1830	32	137088	33480	13200	882	1428	4.1	10.4	59.3	
	1832	6.4	37128	7830	3600	235	285	4.7	10.3	71.4*	
	1833		137099	33480	13200	882	1428	4.9	10.4	155.4	
	1834	4.4	28203	4320	1920	60	71	6.5	14.7	215	
		CORED INTERVAL - NO B.U. 1838-48M									
	1848	13.44	42840	9720	6000	236	572	4.4	7.1	53	
	1859	0.59	1000	162	80	----	----	6.2	12.5	----	
	1862	0.6	1480	230	110	----	----	6.4	13.4	----	
	1865	0.6	1856	280	115	----	----	6.6	16.1	----	
LOWER ZONE	2719	19.23	150560	25537	15167	3600	678	5.9	9.9	35.2	OIL PRONE
	2755	26.2	234228	18602	8384	786	----	12.6	27.9	298	GAS PRONE
	2767	3.92	41348	3900	1850	----	187	10.6	22.4	221	GAS PRONE
	2788	0.66	5773	583	1315	----	----	9.9	18.3	----	GAS-CONDENSATE PRONE
	2805	17.3	100380	9171	3509	----	724	10.9	28.6	139	PROBABLY GAS PRONE**
	2820	15.23	155960	15515	6517	----	1334	10.0	23.9	117	PROBABLY GAS PRONE**
	2867	4.4(?)	13406	1728	744	----	----	7.8	18.0	----	OIL PRONE
	2872	2.08	16840	2124	1002	225	150	7.9	16.8	45*	OIL PRONE
	2948	9.65	55044	11077	8984	1992	2597	5.0	6.1	12.0*	OIL & WATER PRODUCTIVE
	2968	14.58	61846	12654	3834	838	234	4.9	16.1	58*	OIL PRONE
	2988	4.30	34939	3182	917	257	198	11.0	38.1	77	GAS PRONE
	2990	12.0	57778	3872	1658	335	387	14.9	34.8	80	GAS PRONE

NOTE:
Add approx. 3-4m. for log depth.

** Confirmed by DST No.1.

* Excellent Rating of SWC

317049

APPENDIX NO. 5

FLUID SAMPLES AND PROPERTIES

The following is a description of the samples taken by Otis and some of the preliminary compositional analysis by Core Labs.

CONTENTS OF APPENDIX NO. 2

DST No. 1	Sample Description 3 Gas Samples 3 Condensate Samples
DST No. 2	Sample Description 7 Gas Samples
DST No. 2-A	Sample Description 6 Gas Samples 5 Oil Samples
DST No. 3	Sample Description 4 Gas Samples 5 Oil Samples

Preliminary compositional analysis by Core Labs.

RJB067/jcw

REQUIRED ANALYSIS OF
CONDENSATE RESERVOIR FLUID SAMPLES

DST #1

1. Compositional analyses of separator vapor and liquid to undecanes plus and recombination to gas/liquid ratio specified in Attachment No. 1b. (Gas flow rate should be corrected using lab calculated values). Properties of undecane plus should be included.

2. Dew-point pressure and pressure-volume relations of recombined reservoir fluid at reservoir temperatures.

3. Compressibility factor and density of reservoir fluid at reservoir temperature between reservoir pressure and dew-point pressure.

4. Depletion study of reservoir fluid, including determination of hydrocarbon composition to undercanes plus, of reservoir vapor at dew-point pressure and several succeeding pressures during pressure depletion, measured compressibility factors, density and produced well stream volumes.

   Presentation of results in terms of total liquid content per million standard cubic feet of initial reservoir fluid.

   Presentation of results in terms of liquid products and gas recoverable by normal temperature, single stage separation per million standard cubic feet of initial reservoir fluid.

5. Retrograde liquid accumulation in the reservoir determined at pressures investigated in #4 above.

6. Helium content of the gas.

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#1	TWO	BASS STR	17SEP85	1 2

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
1710	A-11039	20 LTR.	EVACUATED	-	COND.	SEPARATOR	750	92	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	GOR ☒ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2285	160	40	750	92	-	-	-	-	51.2	-	-	-	0.863	1.1249	612.2	40.54	-

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
1735	A-5490	20 LTR.	EVACUATED	-	GAS	SEPARATOR	750	100	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	GOR ☒ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2285	163	40	750	100	-	-	-	-	51.2	-	-	-	0.863	1.1208	15.092	34.24	-

SAMPLE # 3

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
1805	A-5786	20 LTR.	EVACUATED	-	COND.	SEPARATOR	720	99	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	GOR ☐ OGR ☒ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2300	165	40	720	99	-	-	-	-	51.2	-	-	-	0.863	1.1131	657.0	43.26	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M \cdot W_f$.

SAMPLED BY

P.CROSBIE

3170552

SURFACE SAMPLING DATA

OTIS

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#1	TWO	BASS STR	17SEP85	2 | 2

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	-	SEE FLD RDGS.

SAMPLE # 4

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min)
1820	A-11021	20 LTR.	EVACUATED	-	GAS	SEPARATOR	720	104	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT	GOR ☒ OGR	WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig)	TEMP. (°F)	PRESS (psig) @ FT	TEMP. (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{pv}	☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ STOCK TANK ☒ SEP COND (BBL/MMCF)	(BPD)
2315	170	40	720	104	-	-	-	-	51.2	-	-	-	0.87	1.1132	15.360	33.61	-

SAMPLE # 5

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1845	A-12530	20 LTR.	EVACUATED	-	COND.	SEPARATOR	730	103	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT	GOR ☒ OGR	WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS. (psig)	TEMP (°F)	PRESS. (psig)	TEMP (°F)	PRESS (psig) @ FT	TEMP. (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{pv}	☒ STOCK TANK ☐ SEP COND (BPD) (MMCF/D)	☐ STOCK TANK ☒ SEP COND (MCF/BBL) (BBL/MMCF)	(BPD)
2325	175	40	730	103	-	-	-	-	51.2	-	-	-	0.870	1.1105	468.5	30.65	-

SAMPLE # 6

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min)
1900	A-11019	20 LTR.	EVACUATED	-	GAS	SEPARATOR	730	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT	GOR ☒ OGR	WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS (psig)	TEMP (°F)	PRESS (psig)	TEMP (°F)	PRESS (psig) @ FT	TEMP. (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{pv}	☐ STOCK TANK ☒ SEP COND (BPD) (MMCF/D)	☐ STOCK TANK ☒ SEP COND (MCF/BBL) (BBL/MMCF)	(BPD)
2330	175	40	730	110	-	-	-	-	51.2	-	-	-	0.870	1.1096	15.257	36.82	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (H_g) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M \cdot W_f$.

SAMPLED BY

P. CROSBIE

31705 3

317054

REQUIRED ANALYSIS OF RESERVOIR FLUID
SAMPLES FROM DST NO. 2

PURPOSE: To obtain basic information for comparisons with other DST results from this and future wells.

SAMPLE	ANALYSES REQUIRED
1. 4 oil cans marked 10:00 sample (2.1 MMCFD gas rate)	Specific gravity Pour point and cloud point BS & W Viscosity at 60, 80, 100, 150, 212°F Paraffin wax determination High temperature distillation with molecular weight and specific gravity of cuts through C20+ "Fingerprint" analysis to determine elution patterns for comparative purposes
1A. OT049T, A11585 or A12060 (2.1 MMCFD gas rate)	1) Chromatographic analysis, methane through C20+ (including N_2, CO_2, H_2S, aromatics). 2) Determination of helium contact.
2. 4 oil cans marked 5:30 sample (3.4 MMCFD gas rate)	Specific gravity Pour point and cloud point BS & W Viscosity at 60, 80, 100, 150, 212°F Paraffin wax determination High temperature distillation with molecular weight and specific gravity of cuts through C20+ "Fingerprint" analysis to determine elution patterns for comparative purposes
2A. OT12ST or A12527 (3.4 MMCFD gas rate)	1) Chromatographic analysis, methane through C20+ (including N_2, CO_2, H_2S, aromatics). 2) Determination of helium contact.

SURFACE SAMPLING DATA

OTIS

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2	ONE	BASS STR	22SEP85	1 | 1

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP (°F)	ATMOSPHERIC PRESS (psi)	ATMOS TEMP (°F)	TIME TO TAKE SAMPLE (min)
1700	OT-125T	500 CC.	EVACUATED	-	GAS	SEPARATOR	225	130	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ ft	BOTTOM HOLE TEMP (°F) @ ft	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
955	160	46	225	130	-	-	-	-	48.0	-	-	-	0.81	1.0237	3.248	-	1547

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP (°F)	ATMOSPHERIC PRESS (psi)	ATMOS TEMP (°F)	TIME TO TAKE SAMPLE (min)
1710	A-12527	20 LTR.	EVACUATED	-	GAS	SEPARATOR	225	130	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ ft	BOTTOM HOLE TEMP (°F) @ ft	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
960	165	46	225	130	-	-	-	-	48.0	-	-	-	0.811	1.0237	3.248	-	1547

SAMPLE

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP (°F)	ATMOSPHERIC PRESS (psi)	ATMOS TEMP (°F)	TIME TO TAKE SAMPLE (min)

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ ft	BOTTOM HOLE TEMP (°F) @ ft	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☐ SEP. COND (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (H_g) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. C_f M W_f

SAMPLED BY

P.CROSBIE

31705

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2	TWO	BASS STR	22SEP85	1 2

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
2100	OT-049T	500 CC.	EVACUATED	-	GAS	SEPARATOR	130	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1200	154	32	130	128	-	-	-	-	-	-	-	-	0.802	1.0142	2.180	-	1632

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
2120	A-11585	20 LTR.	EVACUATED	-	GAS	SEPARATOR	130	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1205	154	32	130	128	-	-	-	-	-	-	-	-	0.802	1.0036	2.252	-	1536

SAMPLE # 3

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
2045	A-12560	20 LTR.	EVACUATED	-	GAS	SEPARATOR	125	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1195	154	32	125	128	-	-	-	-	-	-	-	-	0.802	1.0137	2.131	-	1728

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_t IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_t, AND METER NONLINEARITY EFFECTS, M. $C_t = M \cdot W_t$.

SAMPLED BY

G.PETTY/Y.K.CHOY

317056

SURFACE SAMPLING DATA

OTIS

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2	TWO	BASS STR	22SEP85	2 | 2

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 4

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2140	W3-587	1 GAL.	EVACUATED	-	GAS	SEPARATOR	130	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (MMCF/D)	GOR ☐ OGR ☐ ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1207	154	32	130	128	-	-	-	-	-	-	-	-	0.802	1.0142	2.252	-	1565

SAMPLE # 5

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2150	W3-552	1 GAL.	EVACUATED	-	GAS	SEPARATOR	130	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (MMCF/D)	GOR ☐ OGR ☐ ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1210	154	32	130	128	-	-	-	-	-	-	-	-	0.802	1.0142	2.252	-	-

SAMPLE

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	GOR ☐ OGR ☐ ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (H_g) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M \cdot W_f$.

SAMPLED BY

G.PETTY/Y.K.CHOY

31705?

317058

REQUIRED ANALYSIS OF
VOLATILE OIL RESERVOIR FLUID SAMPLES

DST #2-A

1. Compositional analyses of separator vapor and liquid to heptanes plus, and recombination to any single specified gas/oil ratio or bubble point pressure.

2. Continuation of above analyses to undecanes plus by chromatography and high temperature distillation.

3. Saturation pressure and pressure-volume relations of recombined reservoir fluid at reservoir temperature.

4. Constant volume depletion study at reservoir temperature to determine the gas phase composition to heptanes plus and undecanes plus, gas volume produced and gas deviation factors at several pressures from saturation pressure to abandonment pressure of 500 psi. Includes composition of equilibrium liquid phase at final depletion pressure.

5. Liquid shrinkage versus pressure using constant volume depletion techniques.

6. Viscosity of liquid phase at reservoir temperature at several pressures from above reservoir pressure to atmospheric pressure.

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2A	ONE	BASS STR	040CT85	1 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
0345	A-12459	20 LTR.	EVACUATED	-	GAS	SEPARATOR	90	103	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND (MCF/BBL)	WATER FLOW RATE (BPD)
1100	83	16	90	-	-	-	-	-	-	-	-	-	0.86	1.0134	0.944	-	-

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
0410	OT-066T	500 CC.	EVACUATED	-	OIL	SEPARATOR	90	107	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☒ SEP. COND (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND (MCF/BBL)	WATER FLOW RATE (BPD)
1160	85	16	90	-	-	-	-	-	45.5	-	-	-	0.86	-	328.3	3.163	-

SAMPLE # 3

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min.)
0410	A-11587	20 LTR.	EVACUATED	-	GAS	SEPARATOR	90	102	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ FT	BOTTOM HOLE TEMP (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND (MCF/BBL)	WATER FLOW RATE (BPD)
1160	85	16	90	102	-	-	-	-	-	-	-	-	0.87	1.0136	1.038	3.163	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. C_f M W_f.

SAMPLED BY

P. CROSBIE

31705 9

SURFACE SAMPLING DATA

OTIS

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2A	ONE	BASS STR	040CT85	2 | 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS				TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
–	☐ 14.73 psi 60°F	☐ OTHER	14.73 PRESS	60 TEMP.	–	SEE FLD. RDGS.

SAMPLE # 4

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
0430	A-8659	20 LTR.	EVACUATED	–	GAS	SEPARATOR	90	100	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT	GOR / OGR	WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig) @ FT	TEMP. (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ SEP. COND (MCF/BBL)	(BPD)
1210	85	16	90	100	–	–	–	–	–	–	–	–	–	1.0138	1.040	2.770	–

SAMPLE # 5

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
0430	OT-152T	500 CC.	EVACUATED	–	OIL	SEPARATOR	90	102	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT	GOR / OGR	WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig) @ FT	TEMP. (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☒ STOCK TANK ☐ SEP. COND. (BPD)	☒ SEP. COND (MCF/BBL)	(BPD)
1210	85	16	90	102	–	–	–	–	45.5	–	–	–	–	–	375.6	2.770	–

SAMPLE # 6

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
0450	A-11636	20 LTR.	EVACUATED	–	OIL	SEPARATOR	90	97	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT	GOR / OGR	WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig) @ FT	TEMP. (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☒ STOCK TANK ☐ SEP. COND. (BPD)	☒ SEP. COND (MCF/BBL)	(BPD)
1210	86	16	90	97	–	–	–	–	45.5	–	–	–	0.86	–	282.4	3.370	–

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M \cdot W_f$.

SAMPLED BY

P.CROSBIE

317060

SURFACE SAMPLING DATA

OTIS

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE	OF
DST#2A	ONE	BASS STR	040CT85	3	3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS				TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F	☐ OTHER	14.73 PRESS	60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 7

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min.)
0515	W3A-3990	1 GAL.	EVACUATED	-	GAS	SEPARATOR	90	95	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT		WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig)	TEMP. (°F)	PRESS. (psig) @ FT	TEMP. (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☐ STOCK TANK ☒ SEP. COND (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND (MCF/BBL)	(BPD)
1210	86	16	90	95	-	-	-	-	-	-	-	-	0.87	1.0142	0.980	3.466	-

SAMPLE # 8

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min.)
0515	W3A-4166	1 GAL.	EVACUATED	-	OIL	SEPARATOR	90	95	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT		WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS. (psig)	TEMP. (°F)	PRESS (psig)	TEMP (°F)	PRESS. (psig) @ FT	TEMP. (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☒ STOCK TANK ☐ SEP. COND (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND (MCF/BBL)	(BPD)
1210	86	16	90	95	-	-	-	-	45.5	-	-	-	-	-	282.7	3.466	-

SAMPLE # _

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min.)

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL GAS/OIL FLOW RATE AT		WATER FLOW RATE
PRESS. (psig)	TEMP (°F)	SIZE (64th INCH)	PRESS (psig)	TEMP (°F)	PRESS (psig)	TEMP (°F)	PRESS (psig) @ FT	TEMP (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☐ STOCK TANK ☐ SEP. COND (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND (MCF/BBL) (BBL/MMCF)	(BPD)

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS. M. C_f M W_f.

SAMPLED BY

P. CROSBIE

317061

REQUIRED ANALYSIS OF
RESERVOIR FLUID FROM DST NO. 3

1. Analyze the liquid for pour point, cloud point, specific gravity, BS&W, viscosity at 60, 80, 100, 150, 212°F. Further analysis should be done including determination of paraffin wax, a high temperature distillation with the molecular weight and specific gravity of the cuts through C_{20+}, and finally a "fingerprint" analysis to determine elution patterns for comparative purposes.

2. Analyze the gas for helium content and conduct a chromatographic analysis (methane through C_{20+} including N_2, CO_2, H_2S and aromatics).

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#3	ONE	BASS STR	040CT85	1 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP.	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal.)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
2225	A-8626	20 LTR.	EVACUATED	-	GAS	SEPARATOR	625	114	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
947	138	80	625	114	-	-	-	-	50.6	-	-	-	0.79	1.0707	11.863	12.72	-

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal.)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
2225	OT-228T	500 CC.	EVACUATED	-	OIL	SEPARATOR	625	112	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
947	138	80	625	-	-	-	-	-	50.6	-	-	-	0.79	-	932.4	12.72	-

SAMPLE # 3

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal.)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
2250	A-11627	20 LTR.	EVACUATED	-	GAS	SEPARATOR	625	113	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ FT	BOTTOM HOLE TEMP (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
935	138	80	625	113	-	-	-	-	50.6	-	-	-	0.79	1.0712	11.879	12.72	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. C_f M W_f.

SAMPLED BY

P.CROSBIE

317063

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#3	ONE	BASS STR	040CT85	2 | 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS				TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F	☐ OTHER	14.73 PRESS	60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 4

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min.)
2250	OT-035T	500 CC.	EVACUATED	-	OIL	SEPARATOR	625	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL ~~GAS~~/OIL FLOW RATE AT	GOR / OGR	WATER FLOW RATE
PRESS. (psig)	TEMP. (°F)	SIZE (64th INCH)	PRESS. (psig)	TEMP (°F)	PRESS (psig)	TEMP (°F)	PRESS (psig) @ FT	TEMP (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☒ STOCK TANK ☐ SEP. COND. (BPD) ~~(MMCF/D)~~	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) ~~(BBL/MMCF)~~	(BPD)
935	138	80	625	110	-	-	-	-	50.6	-	-	-	0.79	-	933.5	12.72	-

SAMPLE # 5

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min.)
2315	A-11032	20 LTR.	EVACUATED	-	GAS	SEPARATOR	625	113	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL ~~GAS~~/OIL FLOW RATE AT	GOR / OGR	WATER FLOW RATE
PRESS. (psig)	TEMP (°F)	SIZE (64th INCH)	PRESS (psig)	TEMP (°F)	PRESS (psig)	TEMP (°F)	PRESS (psig) @ FT	TEMP (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☐ STOCK TANK ☒ SEP. COND. ~~(BBL)~~ (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. ~~(MCF/BBL)~~ ~~(BBL/MMCF)~~	(BPD)
935	138	80	625	113	-	-	-	-	-	-	-	-	0.79	1.0712	11.879	12.72	-

SAMPLE # 6

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min.)
2315	OT-069T	500 CC.	EVACUATED	-	OIL	SEPARATOR	625	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD		CHOKE	HI STAGE SEP.		LO STAGE SEP.		BOTTOM HOLE		OIL				GAS		TOTAL ~~GAS~~/OIL FLOW RATE AT	GOR / OGR	WATER FLOW RATE
PRESS. (psig)	TEMP (°F)	SIZE (64th INCH)	PRESS (psig)	TEMP (°F)	PRESS (psig)	TEMP (°F)	PRESS (psig) @ FT	TEMP (°F) @ FT	GRAVITY @ 60 °F (°API)	BSW (%)	C_f (c)	W_f (c)	GRAVITY (AIR=1)	F_{PV}	☒ STOCK TANK ☐ SEP. COND. (BPD) ~~(MMCF/D)~~	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. ~~(MCF/BBL)~~ ~~(BBL/MMCF)~~	(BPD)
935	138	80	625	110	-	-	-	-	50.6	-	-	-	-	-	933.5	12.72	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M \cdot W_f$.

SAMPLED BY

P. CROSBIE

3170064

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#3	ONE	BASS STR	04-050CT85	3 | 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	--	SEE FLD. RDGS.

SAMPLE # 7

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
2335	A-5754	20 LTR.	EVACUATED	-	OIL	SEPARATOR	655	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ FT	BOTTOM HOLE TEMP (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
950	138	80	655	110	-	-	-	-	50.6	-	-	-	-	-	933.5	12.72	-

SAMPLE # 8

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min.)
0005	W3A-3581	1 GAL.	EVACUATED	-	GAS	SEPARATOR	655	114	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ FT	BOTTOM HOLE TEMP (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☐ SEP. COND (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
950	138	80	655	114	-	-	-	-	50.6	-	-	-	0.79	1.0744	11.538	-	-

SAMPLE # 9

TIME TAKEN	CONTAINER #	CONTAINER VOL (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP (°F)	TIME TO TAKE SAMPLE (min.)
0005	W3A-1808	1 GAL.	EVACUATED	-	OIL	SEPARATOR	655	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS (psig)	WELL HEAD TEMP (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS (psig)	HI STAGE SEP. TEMP (°F)	LO STAGE SEP. PRESS (psig)	LO STAGE SEP. TEMP (°F)	BOTTOM HOLE PRESS (psig) @ FT	BOTTOM HOLE TEMP (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
950	138	80	655	110	-	-	-	-	50.6	-	-	-	0.79	-	933.5	12.72	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_t IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_t, AND METER NONLINEARITY EFFECTS, M. C_t M W_t.

SAMPLED BY

P. CROSBIE

31765

317066

CORE LAB PRELIMINARY
COMPOSITIONAL ANALYSIS

DST	1		2		2A		3	
CYL NO.	5490	11585	A12257	A11585	A8659	011521	A8626	010691
	SEPARATOR		SEPARATOR		SEPARATOR		SEPARATOR	
	(GAS)	(LIQ)	(GAS)	(LIQ)	(GAS)	(LIQ)	(GAS)	(LIQ)
H_2S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO_2	19.30	7.89	7.43	7.91	7.61	0.60	7.49	2.59
N2	0.21	0.03	0.40	0.72	0.58	0.20	0.49	0.26
C1	66.71	14.08	73.83	71.72	66.78	2.50	74.66	13.32
C2	7.71	6.47	8.99	9.41	11.03	1.96	8.98	6.56
C3	3.53	7.68	5.38	5.59	7.80	4.01	5.11	9.10
IC4	0.54	2.52	1.00	1.09	1.59	1.99	0.89	3.32
NC4	0.81	5.07	1.52	1.50	2.20	3.77	1.16	5.84
IC5	0.23	2.92	0.43	0.52	0.66	2.71	0.34	3.35
NC5	0.22	3.37	0.38	0.47	0.55	2.94	0.28	3.48
C6	0.17	5.93	0.31	0.40	0.40	5.87	0.21	5.75
C7+	0.38	44.04	0.53	0.67	0.69	73.45	0.39	46.43
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

RJB067/jcw

APPENDIX 6

DST #1 ANALYSIS (2809 M - 2824 M

The build up data contained in the Otis and Halliburton DST Reports (Enclosures 3 and 4) was analyzed using the conventional Horner Plot techniques. A Horner Plot generated from the data collected is shown as Figure #1. An average reservoir pressure of 4203 psi was extrapolated from Figure No. 1 with a calculated KH of 7092 md.ft. and a skin of 13.5. Using a thickness of 23' a permeability of 308.4 md is calculated.

Twenty-three feet of probable pay was used in the calculations of permeability. The 23' was based on the LDL - CNL which showed a neutron/density cross-over of greater than one unit (gas indicator) in only twenty-three feet of the thirty-eight feet of sand perforated.

However, two aspects of the plot make analysis difficult. First, due to the short build up time of only a couple of minutes only two points could be used to accurately establish the slope of the line. The second difficulty was the fact that after reaching average reservoir pressure, the pressure began to drop off slightly. (See the Halliburton DST Report, Enclosure No. 4.) Because of these possible complications, Amoco Production Research reviewed the raw data and concurred with the Horner Plot analysis of average reservoir pressure, permeability and skin. The abnormal pressure drop may be due to temperature variations downhole after the well was shut in. This decreasing pressure is currently being reviewed at the Research Center.

In an attempt to confirm the Horner Plot calculation of permeability and skin, a Darcy calculation using a .3084 darcy reservoir was made. The calculation shown below indicates the well should have flowed approximately 9 MMCFD while the Yolla No. 1 well flowed approximately 10 MMCFD. This calculation substantiates the h of 23' used in the calculation of permeability.

YOLLA NO. 1
DST NO. 1
DARCY CALCULATION

$$Q = [703(K)(h)(Pe^2 - Pw^2)]/[(\mu)(T)(Z)(\ln [re/rw] + S)]$$

Where:

K = .3084 darcies (Calculated From Build up)
h = 23 feet (From Logs)
Pe = 4203 psi (Calculated From Build up)
Pw = 4113 psi (Measured)
μ = .0278 centipoise (Calculated - Gas PROPN)

T = 276°F (736°R) (Measured)
Z = .9472 (Calculated - Gas PROPN)
r_e = 1000' (Estimated)
r_w = .58' (Actual)
S = 13.5 (Horner Plot)
*Q = 10,200 MCFD (Actual)

Q = [(703)(.3)(23)(17,665,209-16,916,769)]/[(0.0278)(736)(.9472)(7.5-13.5)

*Q = 9,149 MCFD Calculated

The 1 MMCFD discrepancy between the Darcy calculation and the Horner Plot are due to rounding differences between the computer calculated Horner Plot and the engineering numbers used in the Darcy calculation.

DST NO. 1 AOF CALCULATION

$$AOF = [703(k)(h)(Pe^2 - Pw^2)]/[(\mu)(T)(2)(\ln[r_e/r_w] + S)]$$

AOF = 308468 MCFD (Pw = 14.7 psi)

The AOF for DST No. 1 is 308 MMCFD.

RJB/ra
OP11ER038

APPENDIX NO. 7

DST #2 ANALYSIS (1830 M - 1835 M)

There was no DST #2 analysis done. The large amount of produced water was considered to be extraneous, thus invalidating the test. The perforations were squeezed with cement and DST #2A and DST #3 were run.

From the response of DST #2, we were able to subjectively conclude that this interval was not as prolific as the lower zone. Clean up time was longer and the PI was one-tenth of the PI of the lower zone. Raw data is available in the Otis and Halliburton DST reports (Enclosures 5, 6 & 7).

RJB/ra
OP11ER038

APPENDIX NO. 8

DST NO. 2-A (1833.1 M - 1833.3 M) AND DST NO. # 1813 M - 1833.7 M

DST No. 2-A (1833.1 M - 1833.7 M) perforated what appeared to be an oil leg based on log analysis. Oil samples were visually inspected and their dark green color supported the possibility of an oil leg.

A total of eight samples were taken over the five hour flow period and all have been sent to Core Labs for PVT analysis. Some preliminary work by Core Labs revealed that an initial recombined fluid sample indicated the presence of free gas and oil. The well tested for five hours on a 16/64" choke 302 BOPD with a GOR of 3277. The 45.5° API gravity and the GOR of 3277 seem to confirm the presence of a volatile oil. The oil was very waxy and at ±68°F, the oil turned to a hard wax. The gas had a specific gravity of .87.

DST No. 3 added 20.1 M of perforations on top of DST No. 2-A. These added perforations were in the gas cap so as expected the well tested 892 BOPD 11.8 MMCFD with a GOR of 13,229. However, since both DSTs were in the same reservoir, the permeability and skin for both tests are similar.

An RFT was taken at 1833 meters and the measured reservoir pressure was 2709 psi. An average reservoir pressure of 2713 psi was extrapolated from Figure 2 (DST 2-A) and 2707 psi was extrapolated from Figure 3 (DST-3). An average of all the pressure data indicates an average reservoir pressure of 2710 psi. @ 1833 M.

The DST No. 2-A build up data contained in the Otis and Halliburton DST 2-A reports (Enclosures 8 & 9) was analyzed using the conventional Horner Plot techniques. The Horner Plot (Figure 2) made from the data collected indicated a KH of 512 md-ft., a skin of 5.7, and a permeability of 28.6 md using a perforated interval thickness of 2'. The permeability and skin were used in the Darcy equation below:

YOLLA NO. 1
DST 2-A
DARCY

$$Q = [703\ (K)(h)(Pe^2 - Pw^2)]/[(\mu)(r)(Z)[\ln(r_e/r_w + S]]$$

Where:

K = .0286 darcies (Calculated)
h = 2 ft (perforated 2 ft)
Pe = 2713 psi (Calculated)
Pw = 2001 psi (Measured)
μ = .0214 centipoise (Calcualted)

T = 207°F (667°R Measured)
Z = .8442 (Calculated)
r_e = 1000' (Estimated)
r_w = .58' (Actual)
S = 5.7
Q = 1.02 MMCFD Actual

$Q = [(703)(.0286)(2)(7360369 - 4004001)]/[(.0214)(667)(.8442)(13.2)]$

Q = .85 MMCFD

Darcy calculated a flow of .85 MMCFD as compared to the actual flow of 1 MMCFD. The differences may be due to rounding. The Darcy equation confirms the Horner Plot permeability and skin calculations. The calculated AOF for DST No. 2-A is 1,861 MCFD.

DST No. 2-A AOF Calculation

$$AOF = [(703)(K)(h)(Pe^2 - Pw^2)]/[(\mu)(T)(2)(\ln[r_e/r_w] + S)]$$

AOF = 1,861 MCFD (P_w = 14.7 psi)

The DST No. 3 build up data contained in the Halliburton DST 2-A report (Enclosure No. 9) was analyzed using the Horner Plot method of determining permeability and skin (Figure 3). The calculated permeability for DST No. 3 was 16.1 md with a skin of .5. The Darcy equation below used the Horner calculated permeability and skin and calculated a flow of 10.1 MMCFD.

YOLLA NO. 1
DST #3
DARCY

$$Q = [703(K)(h)(Pe^2 - Pw^2)]/[(\mu)(T)(Z)(\ln [r_e/r_w] + S)]$$

Where:

K = .01614 darcies (Calculated with Build up)
h = 16 feet (PLT Log Analysis)
Pe = 2707 psi (Calculated with Build up)
Pw = 13931 psi (Measured H. P. Gauge)
μ = .0214 centipoise (Calculated with Gas PROPN)
T = 207°F (667°R - Measured)
Z = .8442 (Calculated Gas PROPN)
r_e = 1000' (Estimated)
r_w = .58' (Actual)
S = .5
*Q = 11.8 MMCFD (Actual)

$Q = [(703)(.01614)(16)(7327849 - 1940449)]/[(0.0214)(667)(.8442)(8.0)$

Q = 10,146 MCFD = 10.1 MMCFD

This compares favorably with the 11.8 MMCFD actual flow. Differences may be attributed to rounding of numbers. The Darcy equation validated the permeability and skin Horner Plot numbers.

Even though DST No. 3 perforated a sixty-eight foot interval, only sixteen feet of pay was used in the Darcy equation. The justification for using sixteen feet of pay was the production log run by Schlumberger during DST No. 3 indicating only fifteen to sixteen feet of the sixty-eight feet of perforation were actually flowing.

The AOF for DST No. 3 is 13,857 MCFD

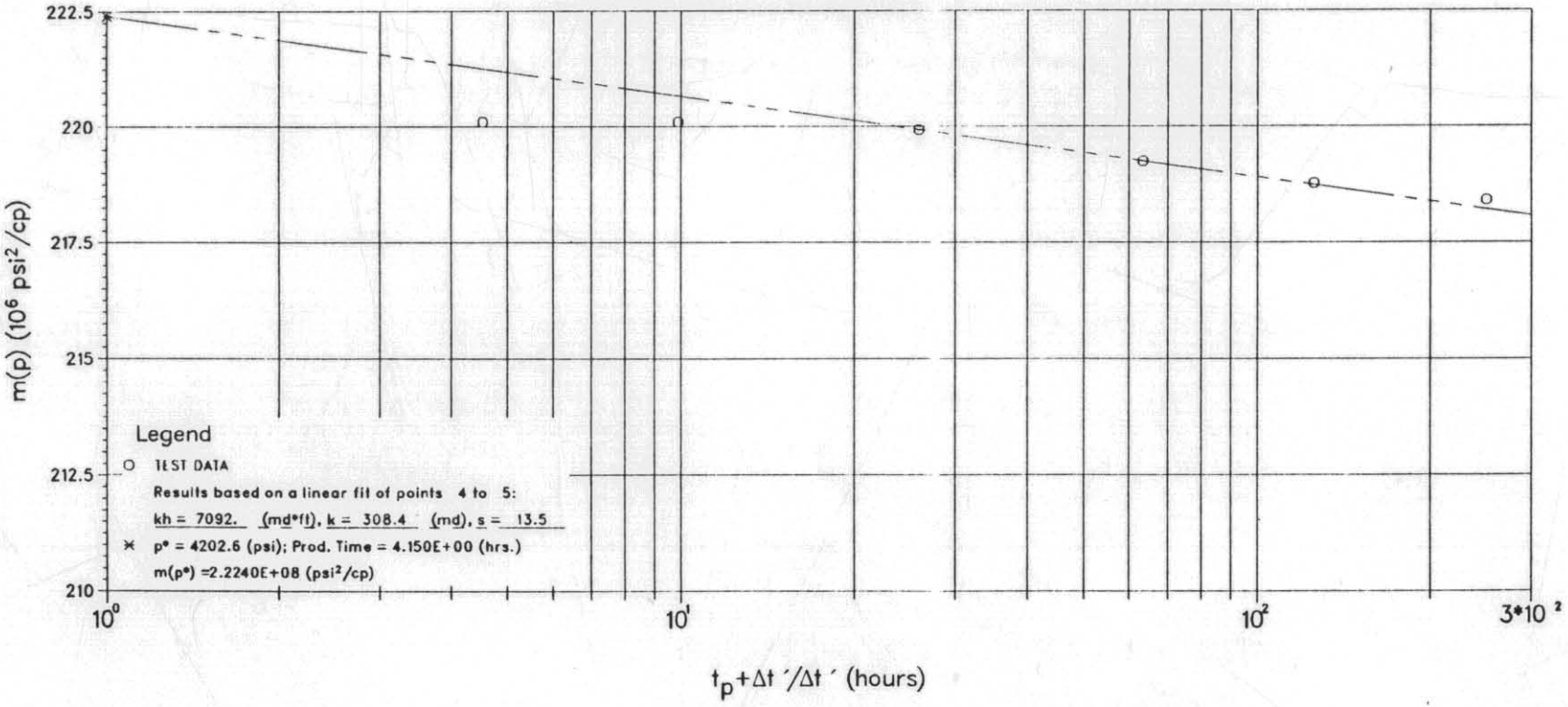
DST NO. 3 AOF CALCULATION

$$AOF = [(703)(K)(h)(Pe^2 - Pw^2)]/[(\mu)(T)(2)(\ln[r_e/r_w] + S)]$$

$$AOF = 13{,}857 \text{ MCFD } (P_w = 14.7 \text{ psi})$$

RJB/ra
OP11ER038

YOLLA DST#1
Permeability: slope; Skin: pressure function value (t=1);
p*: Pressure Function Value (t $\rightarrow\infty$)



5 cm

Figure No. 1

3170773

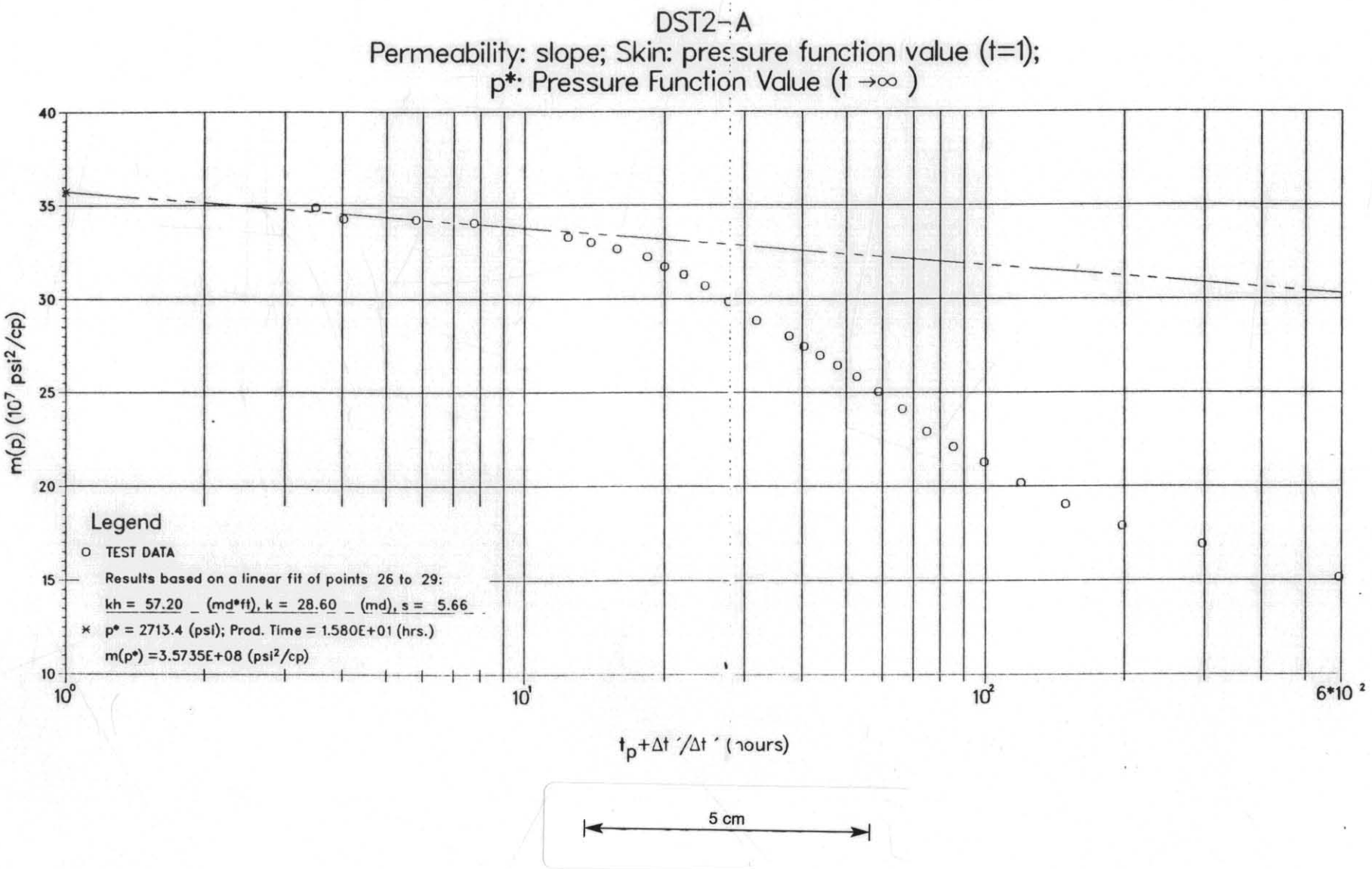


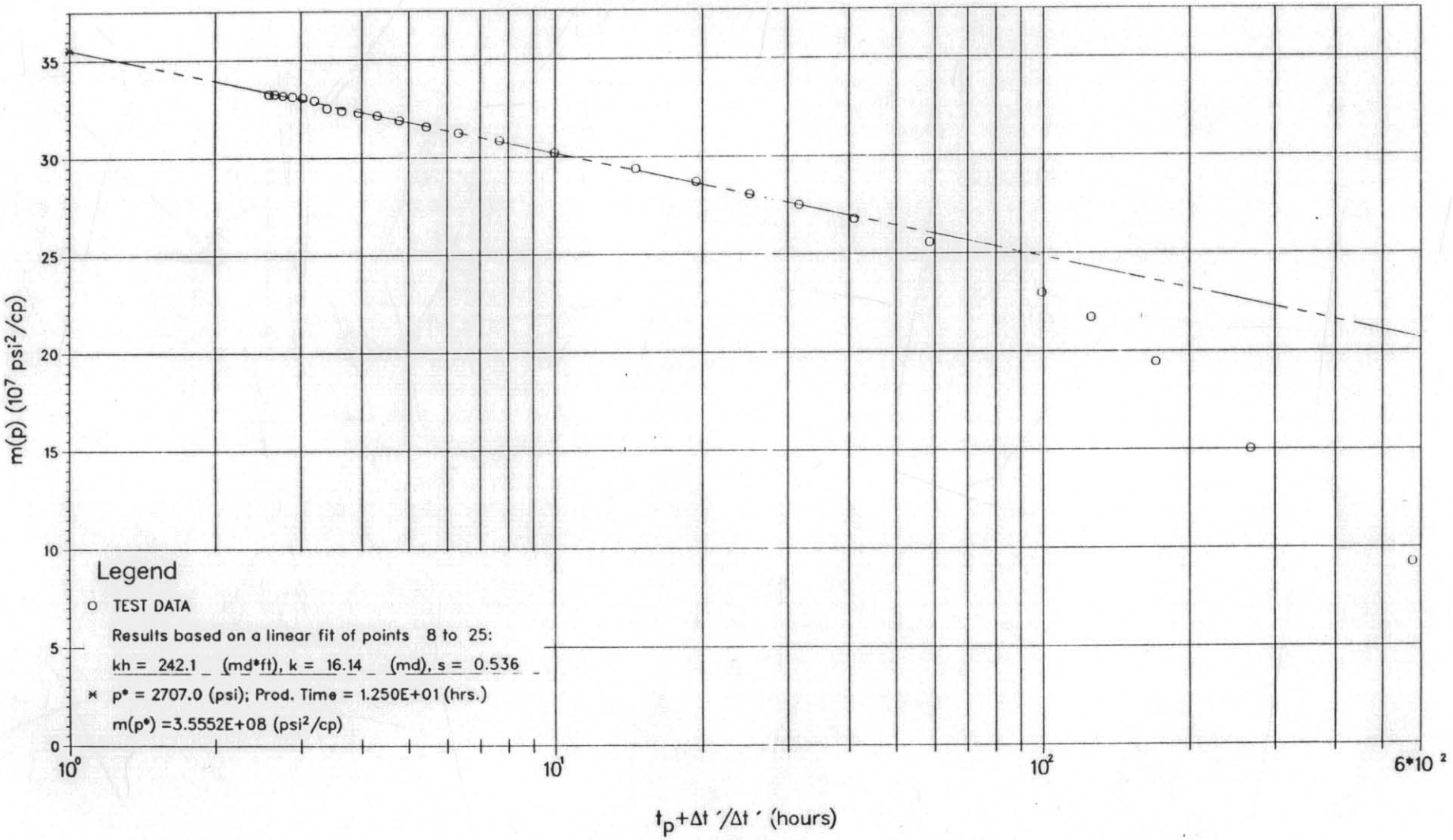
Figure No. 2

317074

DST3

Permeability: slope; Skin: pressure function value (t=1);

p*: Pressure Function Value (t $\rightarrow\infty$)



5 cm

Figure No. 3

317075

ENCLOSURE. 1.

317076

ADDENDUM

TO YOLLA #1 WELL COMPLETION REPORT

DST REPORTS

OCTOBER 1985

317077

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PROCEDURE FOR GAS SAMPLING DURING TESTING OF YOLLA #1

In order to obtain a uniform gas sample during testing of Yolla #1 a needle valve regulator was attached to the Otis separator and set at 100 psi. Narrow gauge plastic tubing was run from that regulator to the Anadrill gas trap where it was fixed inside the basal opening of the gas trap housing below the agitator. The gas trap was located in its usual position in the possum belly during testing. Dilution of DST gas samples with air occurred at the gas trap as the system was not closed at this point. Dilution, consequently, could not be controlled. The sampling system described here was predetermined by Amoco Australia as that most suitable for the testing of Yolla #1.

Two points should be noted. Since -

(1) dilution could not be controlled: and

(2) different pieces of equipment were used to analyse the various components of the gas;

it is not correct to expect the sum of the individual gases to total 100%. However, it is legitimate to expect proportionality would be maintained within each given detection system.

The only problem encountered with this procedure occurred during DST #1 where the regulator iced up causing erratic gas flows with consequent erratic gas readings. This problem was rectified in subsequent DST's by trickling water over the regulator.

PROCEDURE FOR GAS ANALYSIS DURING TESTING OF YOLLA #1

Four types of analysis were undertaken as soon as the flow stabilised enough to be run through the Otis separator, from which gas was passed to the Anadrill unit via a regulated bleed valve. These being:

(1) Total hydrocarbon gas.

(2) Hydrocarbon gas chromatography.

(3) Carbon Dioxide.

(4) Hydrogen Sulphide.

Analyses were undertaken every 10 minutes, or as necessary.

TOTAL HYDROCARBON GAS: This was subject to continuous monitoring and the results were displayed in a scrolling display on a CRT within the logging unit. Readings were taken from the CRT at least every ten minutes from the time the separator was first used.

HYDROCARBON GAS CHROMATOGRAPH: To ensure analysis of "heavy" hydrocarbon gases up to and including C6, a minimum of 6 minute analysis cycle was used. The analysis cycle was restarted at the beginning of each ten minute sampling interval. This program also ensured that the sample analysed was the same as that analysed through the total gas system. A Hewlett Packard integrator was used to produce a chromatogram and print out of the derived values.

PROCEDURE FOR GAS ANALYSIS DURING TESTING OF YOLLA #1 (Cont.)

HYDROGEN SULPHIDE: Three detectors were used to monitor Hydrogen Sulphide levels. Detectors were positioned at the mud pits, the possum belly, and inside the logging unit. Results were obtained every ten minutes from a scrolling display on a CRT inside the logging unit.

CARBON DIOXIDE: Carbon dioxide levels were monitored using a Lira 303 infra-red carbon dioxide detector system. Readings were taken at regular intervals to coincide with the chromatograph sampling interval, and intermediate anomalies were noted as necessary.

SECTION A. DST GAS DATA TABLES.

YOLLA #1.

TASMANIA.

AMOCO AUSTRALIA PETROLEUM CO.

Data taken from FID integrator chromatographs produced during DST's.

CHROMATOGRAPH ANALYSIS DATA OF HYDROCARBON GAS COMPOSITION FROM DST # 1A. (ppm)

317081

Table 1A.1.

SAMPLE TIME	RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
19.36	690	131790	95925	37434	9112		1130
19.40	691	136950	90318	36242	8829		
1942	692	200300	89720	37114			
19.46	693	163230	71419	28319			
19.51	694	150540	67204	27271			
20.03	695	148030	63642	25508			
20.25	696	14314	6506	Misrun.			
20.38	697	126570	82112	34432	9183		1657
20.45	698	124690	78290	32848	8845		954
20.52	701	171440	74009	29619			
20.56	702	177190	76619	31222			
21.00	703	180100	74642	29083			
21.04	704	163140	68686	28720			
21.08	705	151040	65585	26649			
21.12	706	171770	73635	31109			
21.15	707	158500	72239	29640	7266		
21.19	708	173950	73784	30467	8201		
21.22	710	Misrun.					
21.26	711	167210	70816	29929	4305	6905	
21.30	712	159180	69233	28230	4616	7493	
21.34	713	183360	79100	30654	4807	7695	
21.38	714	170800	77823	32356	5160	8137	
21.42	715	180590	77945	31909	4351	7009	
21.46	716	173350	70626	28142	4534	7250	
21.50	717	172190	74426	30482	4887	6776	
21.54	718	171400	72735	30481	4891	7698	
22.02	720	191090	82258	31678	4939	7968	
22.06	721	192510	86127	36788	6250	10590	
22.10	722	170580	128990	62066	9204	15037	1633

ANADRILL
SCHLUMBERGER

AMOCO AUST.PETROLEUM CO.
YOLLA #1 TASMANIA.

CHROMATOGRAPH ANALYSIS DATA OF HYDROCARBON GAS COMPOS TION FROM DST # 1B (ppm)

317082

Table 1B.1.

SAMPLE TIME	RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
16.27	992	86424	37378	14405	2291	3745	-
16.31	993	131750	88231	36081	5651	8959	1054
16.35	994	128790	61869	24874	4442	7603	862
16.39	995	146020	105000	40310	6707	10989	2441
16.43	996	129600	87443	35657	5491	8748	999
16.47	997	122660	53947	21155	3588	6179	-
16.51	998	116200	48799	18828	2431	3638	-
16.55	999	123520	53383	19047	3053	5157	-
16.59	1000	110320	50229	20332	3273	5327	-
17.03	1001	117410	51304	20336	3522	5687	-
17.07	1002	120400	52974	21012	2778	4512	-
17.11	1003	107240	43506	16040	2649	4444	-
17.15	04	109390	50652	20454	3253	5450	-
17.19	05	120100	53695	21522	3705	6985	-
17.23	06	128310	65661	26869	387	6470	823
17.40	10	109180	57573	20801	3355	5491	-
17.44	11	117630	51386	20339	3456	4994	-
17.48	12	129740	66516	25073	4084	6634	-
17.52	13	122930	58324	23617	3689	5999	-
17.56	14	123500	56612	22427	3767	5441	-
18.00	15	145210	102370	41019	6805	11029	1506
18.04	16	113700	56913	23323	3692	6162	-
18.08	17	122960	55540	22320	3789	5349	1870
18.30	1023	116100	59048	23956	3247	5392	-
18.34	24	84122	36611	13408	2207	3590	-
18.38	25	66501	30266	12414	2101	3388	-
18.42	26	140110	99016	41274	6992	11018	1394
18.51	29	131470	94757	40059	6137	11862	1004
19.09	1033	116760	51725	20984	3036	4986	-
19.13	34	125980	62909	25145	4122	6786	-
19.17	35	61068	27504	10688	1780	3080	-
19.21	36	64006	26759	10968	1258	1982	-
19.25	37	127340	85723	37496	5658	9385	1745
19.29	38	120630	86584	39360	6349	10385	2261
19.37	1040	121740	94251	42642	-	-	-

DST #2

Unfortunately, the raw data chart for DST #2 has been severely damaged, to the extent that it is impossible to replot the data from the original readings.

Consequently, the revised plot of the data for DST #2 was made using data derived from the original rough plot, and thus may be inaccurate. The gas levels reported for each sample in the raw data, Table 2.1 have been derived from the same plot, and may also be invalid.

However, the hydrocarbon ratios obtained using this data, agree substantially with those from the other DST's, indicating the results are largely correct.

317084

CHROMATOGRAPH ANALYSIS DATA OF HYDROCARBON GAS COMPOSITION FROM DST #2 (ppm x 10000)

Table 2.1.

SAMPLE TIME *	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
0.00	26	12	2.5	0.8	1.2	0.35
0.05	23	9.5	2.5	0.8	1.2	0.35
00.10	17.8	9.0	2.3	0.8	1.2	0.35
00.20	18.0	8.0	2.1	0.8	1.2	0.35
00.30	16.3	8.2	2.1	0.8	1.2	0.35
00.45	19.0	10.0	2.1	0.8	1.2	0.35
00.50	15.1	7.5	2.1	0.8	1.2	0.35
01.00	17.2	8.0	2.1	0.8	1.2	0.35
01.05	20.0	8.5	2.1	0.8	1.2	0.35
..10	17.5	8.0	2.1	0.8	1.2	0.35
01.20	21.0	8.2	2.0	0.8	1.2	0.35
01.30	21.1	8.6	2.3	0.8	1.2	0.35
01.40	17.6	7.9	2.1	0.7	1.1	0.35
01.50	20.4	8.2	2.1	0.7	1.2	0.35
02.00	21.0	8.5	2.2	0.8	1.1	0.35
02.10	24.2	8.8	2.0	0.8	1.2	0.35
02.20	18.0	8.0	2.0	0.8	1.2	0.35
02.30	21.0	8.8	2.1	0.8	1.2	0.35
02.40	21.0	9.0	2.1	0.8	1.2	0.35
02.50	20.8	8.5	2.1	0.7	1.1	0.35
03.00	19.8	8.0	2.0	0.7	1.0	0.35
03.10	17.0	6.8	1.8	0.5	0.9	0.22
03.20	11.0	4.0	1.5	0.4	0.78	0.15

* Sample times noted are cumulative times from commencement of flow.

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YOLLA # 1

317085

CHROMATOGRAPH ANALYSIS DATA OF HYDROCARBON GAS
COMPOSITION FROM DST #3A (ppm)

Table 3A.1.

SAMPLE TIME	RUN #	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
02.05	274	117600	62716	30317	4894	6593	828
02.11	275	124110	68058	41697	7930	12180	2390
02.18	276	118780	70862	44992	9721	15094	3289
02.22	277	143070	67665	32580	8596	-	1050
02.26	278	124920	70504	44997	8267	12664	2085
02.30	279	130990	57284	31066	5909	9890	2588
[illegible]34	280	131330	55620	25033	6386	-	598
02.38	281	117420	64922	40163	8317	12552	2868
02.44	282	127210	71297	41538	12767	17201	4946
02.48	283	123410	71574	44429	14736	-	4172
02.52	284	154260	61666	28244	5868	9129	6035
02.56	285	133670	67833	39745	12652	-	1811
03.00	286	108000	68430	48789	10909	17174	3843
03.05	287	117350	68571	46956	10421	16263	3585
03.14	288	126830	68910	39051	6735	9740	2357
03.24	289	115740	69511	47294	10744	16421	3574
03.28	290	151440	63402	31462	6136	9743	3117
03.34	291	121760	70522	44797	8471	12500	3414
03.45	292	137310	61707	28829	5094	7468	2531
.55	293	112510	69737	48525	9377	14089	4651
04.05	294	107960	68143	45305	9739	13870	3351
04.14	295	121190	66594	42728	8321	12708	3838
04.26	296	114790	68530	44616	4691	13140	2805
04.37	297	124870	61529	32643	6555	9950	1798
04.45	298	142390	61914	32463	5465	8281	3952
04.55	299	116610	67970	42210	8939	12468	2927
05.06	300	136030	57054	25440	4473	6162	2016
05.15	301	132630	58107	27722	4489	6725	3777
05.26	302	127240	62622	34044	6782	9961	2881
05.30	303	127390	65880	34057	6691	10014	4981

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YOLLA #1 TASMANIA.

317086

CHROMATOGRAPH ANALYSIS DATA OF HYDROCARBON GAS COMPOSITION FROM DST # 3B (ppm)

Table 3B.1.

SAMPLE TIME	RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
18:41:09	307	132000	84452	48378	8368	11213	2983
18:48:54	308	127240	89377	55203	10150	13801	5341
18:52:54	309	124820	91763	57700	10629	14753	3105
18:59:06	310	119660	89861	56861	10718	14764	2264
19:03:06	311	124690	94329	63343	10730	15493	2885
19:07:06	312	Misrun					
19:09:05	313	114590	92414	60066	11217	15485	2955
:13:17	314	119360	94571	-	-	-	-
19:19:08	315	117270	94384	60732	11540	15921	3084
19:29:09	316	114550	91860	58137	11243	15621	2698
19:39:52	317	144360	74892	41561	8158	11164	2348
19:49:03	318	159930	66915	32844	6633	7810	
19:59:05	319	127400	57371	28463	5379	7209	1456
20:09:06	320	73628	32792	16235	2714	3113	644
20:19:06	321	151640	70004	35253	6262	8730	1762
20:29:10	322	108350	45230	22109	3946	5776	588
20:39:05	323	101880	40535	19500	3041	4470	781
20:46:31	324	Misrun					
20:49:05	325	Misrun					
20:54:10	326	246360	115530	58362	16715		1458
20:59:01	327	250460	117570	57778	9982	14020	7362
21:09:05	328	253370	119430	60232	9851	13949	7244
21:19:05	329	261190	123300	59715	10596	14984	9890
21:29:09	330	250680	117970	59078	9616	13870	7109
21:33:09	331	280550	121930	59616	9780	14189	6806
21:39:05	332	278910	119700	59228	9543	13636	7695
21:49:05	333	113840	50947	26182	4315	6273	2307
21:53:05	334	104230	46100	21736			
22:08:18	335	248590	118100	59571	10894	15260	2966
22:19:08	336	248080	117100	59560	12556	15551	9899
22:29:01	337	245820	117040	59309	10812	15336	3655
22:39:04	338	256410	121780	61890	10312	13891	2884
22:46:29	339	248270	119610	60600	11005	15544	3378
	340	Misrun					
	341	Misrun					
23:01.24	342	270790	12915	66277	11022	15746	9658

Table 3B.1 (cont.)

23:08:55	343	285260	126070	62297	11479	16329	3297
23:19:03	344	241650	114620	58395	11300	16768	2872
23:29:04	345	258170	123170	62161	11311	15899	3813
23:39:50	346	220460	103890	52769	9745	13781	3049
23:49:02	347	236830	109970	56756	9574	13814	7313
23:59:04	348	250750	117630	59754	12314	15472	3052
00:06:15	349	Misrun					
00:10:36	350	Misrun		623			
00:17:04	351	243550	115060	58604	10738	15128	3252
00:29:04	352	255229	115160	56633	10554	15028	2618

317088

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SCHLUMBERGER HYDROCARBON RATIO ANALYSIS

AMOCO AUSTRALIA

Yolla #1

Bass Strait

PROCEDURE: To derive each hydrocarbon ratio in (in accordance with the method prescribed by Amoco Australia) the value of each component in a given sample is divided by the sum of the components present in that sample and the result is expressed as a percentage; these results are recorded in Tables 1A.2, 1B.2, 2.2, 3A.2 and 3B.2 corresponding to the relevant DST.

The mean ($\bar{x}$) of the hydrocarbon ratios for each component has been calculated for each DST, and the results are recorded in each table of ratios. The mean ratio for each component has been plotted on a Hydrocarbon Ratio Analysis Chart for each DST. A line connects the mean ratios for each DST.

The range of ratios obtained for each DST are represented by the set of broken lines parallel to the "y"-axis.

SECTION B. HYDROCARBON RATIO DATA TABLES.

YOLLA #1.

TASMANIA.

AMOCO AUSTRALIA PETROLEUM CO.

Data for hydrocarbon ratios derived from component gas concentrations tabulated in Part A.

317090

HYDROCARBON RATIO ANALYSIS DATA
FROM DST # 1A. (%)

Table 1A.2.

RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)	
690	43.38	35.22	13.74	3.34		0.41	
691	50.29	33.16	13.31	3.24			Abort run
692	61.23	27.43	11.34				
693	62.07	27.16	10.77				
694	61.44	27.43	11.13				
695	62.41	26.83	10.75				
696	68.75	31.25					
697	49.84	32.33	13.56	3.6		0.65	
698	50.76	31.87	13.37			0.39	
701	62.32	26.91	10.77				
702	62.16	26.88	10.95				
703	63.45	26.3	10.25				
704	62.61	26.36	11.02				
705	62.08	26.96	10.95				
706	62.12	26.63	11.25				
707	59.22	26.99	11.07	2.71			
708	60.73	25.76	10.64	2.86			
710	Misrun.						
711	59.9	25.37	10.72	1.54	2.47		
712	59.23	25.76	10.50	1.72	2.79		
713	59.99	25.85	10.03	1.57	2.52		
714	58.04	26.44	10.99	1.75	2.76		
715	59.84	25.83	10.57	1.44	2.32		
716	61.06	24.88	9.91	1.6	2.55		
717	59.63	25.77	10.56	1.7	2.35		
718	59.69	25.33	10.6	1.68	2.68		
719	59.44	25.96	10.59	1.61	2.4		
720	60.1	25.87	9.96	1.55	2.51		
721	57.94	25.92	11.07	1.88	3.19		
722	44	33.29	16.02	2.37	3.88	0.42	
n	29	29	28	17	12	4	
$\bar{x}$	58.921	27.647	11.3	2.127	2.7	0.4675	

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YOLLA #1 TASMANIA.

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HYDROCARBON RATIO ANALYSIS DATA
FROM DST # 1B (%)

Table 1B.2.

RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
989	62.4	26.4	11.1	-	-	-
990	62.1	27.3	10.6	-	-	-
991	64.9	25.6	9.5	-	-	-
992	59.9	25.9	9.9	1.59	2.59	-
993	48.5	32.5	13.3	2.07	3.29	0.39
994	56.4	27.1	10.9	1.94	3.33	0.38
995	46.9	33.7	12.9	2.1	3.53	0.78
996	48.5	32.7	13.3	2.06	3.27	0.37
997	59.1	26.0	10.2	1.73	2.98	-
998	61.2	25.7	9.9	1.28	1.91	-
999	60.5	26.1	9.3	1.49	2.52	-
1000	58.2	26.5	10.7	1.73	2.81	-
1001	59.2	25.9	10.3	1.77	2.87	-
1002	59.7	26.3	10.4	1.38	2.24	-
1003	61.6	25.0	9.2	1.52	2.56	-
1004	57.8	26.8	10.8	1.72	2.90	-
1005	58.3	26.1	10.48	1.79	3.4	-
1006	57.2	29.3	12.0	1.72	2.88	0.37
1010	55.9	29.3	10.4	1.70	2.79	-
1011	59.5	25.9	10.3	1.75	2.52	-
1012	55.9	28.6	10.8	1.76	2.85	-
1013	57.3	27.2	11.0	1.72	2.79	-
1014	58.3	26.7	10.6	1.78	2.56	-
1015	47.1	33.2	13.3	2.2	3.58	0.49
1016	55.8	27.9	11.4	1.81	3.02	-
1017	58.0	26.2	10.5	1.78	2.52	0.88
1023	55.8	28.4	11.5	1.56	2.59	-
1024	60.1	26.2	9.58	1.57	2.56	-
1025	57.9	26.4	10.8	1.83	2.95	-
1026	46.7	33.02	13.7	2.33	3.67	0.46
1029	46.1	33.2	14.05	2.15	4.16	0.35
1033	59.1	26.2	10.57	1.53	2.52	-
1034	56.0	27.9	11.20	1.83	3.02	-
1035	58.6	26.4	10.30	1.70	2.46	-

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HYDROCARBON RATIO ANALYSIS DATA
FROM DST # 1B (%) PAGE 2

Table 1B.2 (cont.)

RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
1036	61.0	25.5	10.40	1.20	1.89	-
1037	47.6	31.9	14.0	2.1	3.51	0.65
1038	44.5	32.6	14.8	2.4	3.91	0.85
1040	44.8	34.70	15.70	4.14	-	0.68
	n=38	n=38	n=38	n=35	n=34	n=12
	$\bar{x}$=56.01	$\bar{x}$=28.21	$\bar{x}$=14.38	$\bar{x}$=1.85	$\bar{x}$=2.91	$\bar{x}$=0.55

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HYDROCARBON RATIO ANALYSIS DATA
FROM DST #2 (%)

Table 2.2.

METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
60.68	28.0	5.83	1.87	2.8	0.82
61.68	25.44	6.69	2.14	3.21	0.94
56.60	28.62	7.31	2.54	3.82	1.11
59.11	26.27	6.90	2.63	3.94	1.15
56.30	28.33	7.25	2.76	4.15	1.21
56.80	29.90	6.28	2.39	3.59	1.04
58.01	26.98	7.08	2.70	4.05	1.18
60.70	25.80	6.37	2.43	3.64	1.06
58.43	26.71	7.01	2.67	4.01	1.17
62.59	24.44	5.96	2.39	3.58	1.04
61.43	25.04	6.70	2.33	3.40	1.02
59.16	26.55	7.06	2.35	3.70	1.18
61.91	24.89	6.38	2.12	3.64	1.06
61.85	25.04	6.48	2.36	3.24	1.03
64.79	23.56	5.35	2.14	3.22	0.94
59.31	26.36	6.59	2.66	3.95	1.15
61.31	25.69	6.14	2.36	3.50	1.02
60.96	26.12	6.10	2.32	3.48	1.02
62.65	25.60	6.33	2.11	3.31	1.05
62.00	25.33	6.26	2.09	3.28	1.04
62.17	25.12	6.28	2.19	3.40	1.10
62.5	25.00	6.62	1.84	3.30	0.74
61.69	22.43	8.40	2.20	4.38	0.84
n = 23	23	23	23	23	23
$\bar{x}$ = 60.44	25.97	6.58	2.32	3.58	1.04

HYDROCARBON RATIO ANALYSIS DATA
FROM DST # 3A. (%)

317094

Table 3A.2.

RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
274	52.7	28.1	13.6	2.2	2.9	0.4
275	48.4	26.5	16.3	3.1	4.7	0.9
276	45.2	27.0	17.1	3.7	5.7	1.2
277	Misrun.					
278	47.4	26.8	17.1	3.1	4.8	0.8
279	55.1	24.1	13.1	2.5	4.2	1.1
281	47.7	26.4	16.3	3.4	5.1	1.2
282	46.3	25.9	15.1	4.6	6.3	1.8
283	Misrun.					
284	58.2	23.2	10.6	2.2	3.4	2.3
285	Misrun.					
286	42.0	26.6	19.0	4.2	6.6	1.5
287	44.6	26.0	17.8	4.0	6.2	1.4
288	50.1	27.0	15.4	2.7	3.8	0.9
289	44.0	26.4	18.0	4.1	6.2	1.3
290	57.1	23.9	11.8	2.3	3.7	1.2
291	46.6	27.0	17.1	3.2	4.8	1.3
292	56.5	25.4	11.9	2.1	3.1	1.0
293	43.4	26.9	18.7	3.6	5.4	1.8
294	43.5	27.4	18.2	3.9	5.6	1.3
295	47.4	26.1	16.7	3.2	5.0	1.5
296	46.2	27.6	17.9	1.8	5.3	1.1
297	52.6	26.0	13.7	2.8	4.2	0.7
298	56.0	24.3	12.7	2.1	3.2	1.5
299	46.4	27.1	16.8	3.5	5.0	1.2
300	58.8	24.7	11.0	1.9	2.7	0.9
301	56.8	24.9	11.9	1.9	2.9	1.6
302	52.2	25.7	14.0	2.8	4.1	1.2
303	51.1	26.4	13.7	2.7	4.0	2.0
n =	26	26	26	26	26	26
$\bar{x}$ =	49.8	26.05	15.21	2.98	4.57	1.27

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YOLLA #1 TASMANIA

317095

HYDROCARBON RATIO ANALYSIS DATA
FROM DST # 3B. (%)

Table 3B.2.

RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
307	45.92	29.38	16.83	2.91	3.90	1.04
308	42.25	29.68	18.33	3.37	4.58	1.77
309	41.22	30.30	19.05	3.51	4.87	1.02
310	40.68	30.55	19.33	3.64	5.01	0.76
311	40.03	30.28	20.33	3.44	4.97	0.92
312	Misrun.					
313	38.61	31.14	20.24	3.78	5.21	0.99
314	Misrun.					
315	38.71	31.15	20.04	3.80	5.25	1.01
316	38.95	31.23	19.76	3.82	5.31	0.92
317	51.10	26.51	14.71	2.89	3.95	0.83
318	58.34	24.40	11.98	2.42	2.85	-
319	56.05	25.24	12.52	2.37	3.17	0.64
320	57.02	25.39	12.57	2.10	2.41	0.49
321	55.40	25.58	12.88	2.28	3.19	0.64
322	58.25	24.31	11.88	2.12	3.10	0.32
323	59.85	23.80	11.45	1.78	2.62	0.46
324	Misrun.					
325	Misrun.					
326	56.20	26.35	13.31	3.81	-	0.33
327	54.78	25.71	12.64	2.18	3.06	1.61
328	54.60	25.73	12.98	2.12	3.00	1.56
329	54.40	25.70	12.44	2.20	3.12	2.06
330	54.69	25.73	12.89	2.09	3.00.	1.55
331	56.90	24.73	12.09	1.98	2.87	1.38
332	57.07	24.49	12.10	1.95	2.79	1.57
333	55.80	25.00	12.84	2.10	3.07	1.13
334	Misrun.					
335	54.60	25.93	13.08	2.39	3.35	0.65
336	53.60	25.30	12.87	2.71	3.36	2.10
337	54.38	25.89	13.12	2.39	3.39	0.80
338	54.88	26.07	13.24	2.20	2.97	0.62
339	54.16	26.09	13.22	2.40	3.40	0.74
340	53.87	25.69	13.18	2.19	3.13	1.92

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HYDROCARBON RATIO ANALYSIS DATA
FROM DST # 3B (%) PAGE 2

Table 3B.2. (cont.)

RUN#	METHANE (C1)	ETHANE (C2)	PROPANE (C3)	ISO-BUTANE (iC4)	NOR-BUTANE (nC4)	PENTANE (C5)
341	56.51	24.97	12.34	2.27	3.23	0.65
342	54.20	25.72	13.10	2.53	3.76	0.64
343	54.40	25.96	13.09	2.38	3.35	0.80
344	54.22	25.72	13.10	2.53	3.76	0.64
345	54.40	25.95	13.09	2.38	3.35	0.80
346	54.61	25.73	13.07	2.41	3.41	0.75
347	54.53	25.32	13.06	2.20	3.18	1.68
348	54.63	25.62	13.01	2.68	3.37	0.66
349	Misrun.					
350	Misrun.					
351	54.56	25.77	13.13	2.40	3.38	0.72
352	56.06	25.29	12.44	2.31	3.30	0.57
$\bar{x}$ =	39	39	39	39	39	39
n =	52.31	25.18	14.13	2.64	3.46	1.02

317097

SECTION C. DST GAS DATA PLOTS.

YOLLA #1.

TASMANIA.

AMOCO AUSTRALIA PETROLEUM CO.

Plots of gas component concentrations using data from Tables in Part A.

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TOTAL GAS ——— C2 - - - - - - - - - - - - iC4 ·· — ·· — ·· — C5 — · — · — · — · — · — H_2S : 1 ppm (constant)

C1 — — — — — — — C3 ····· nC4 — · — · — · — CO_2 ×××××××××××

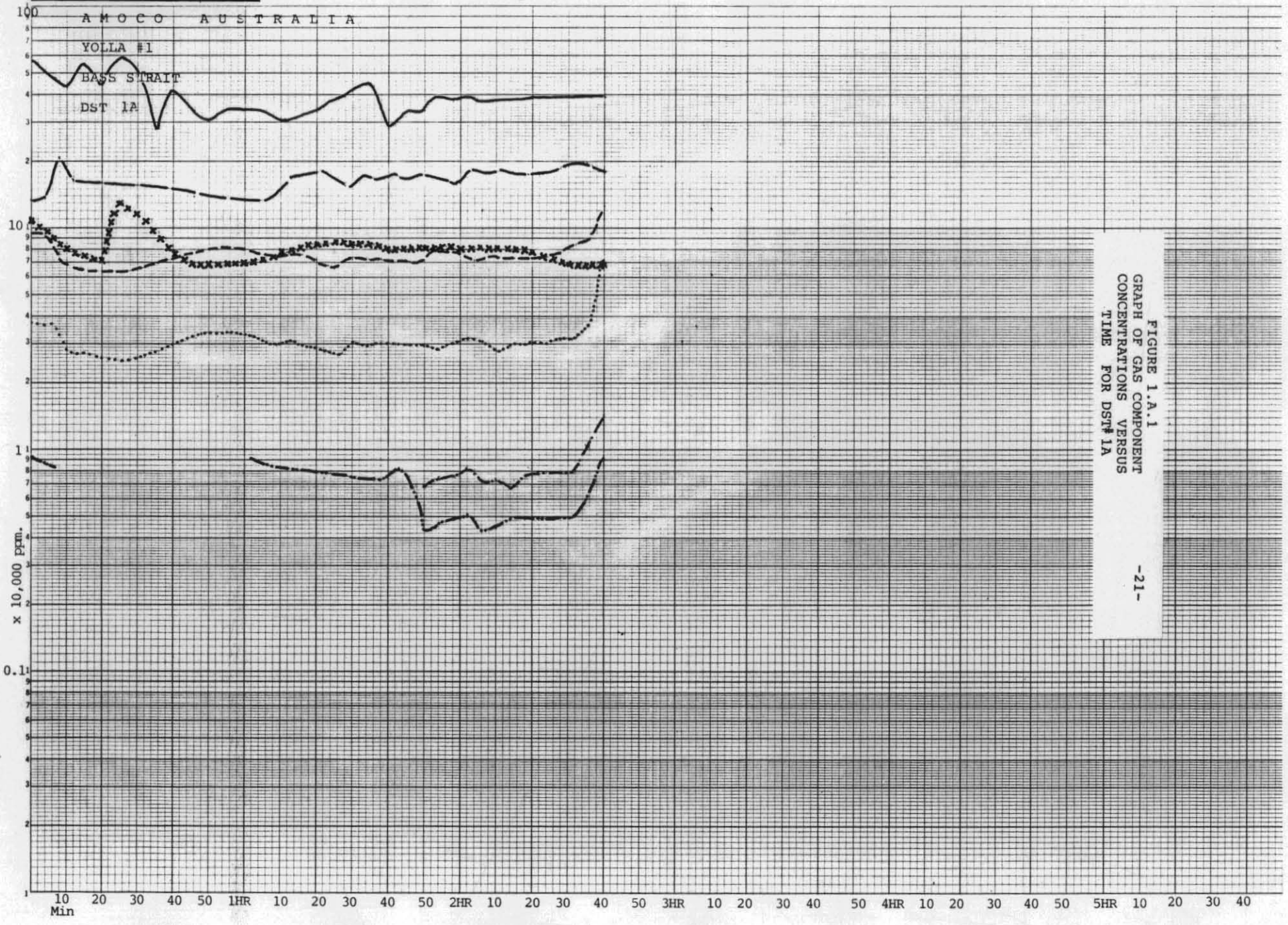

FIGURE 1.A.1
GRAPH OF GAS COMPONENT CONCENTRATIONS VERSUS TIME FOR DST# 1A

317098

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TOTAL GAS ——— C2 - - - - - - - - iC4 —·—·—·— C5 —·—·—·—·— H_2S : 1-2 ppm (constant)

C1 — — — — — — — C3 ..... nC4 —·—·—·—·— CO_2 ××××××××××

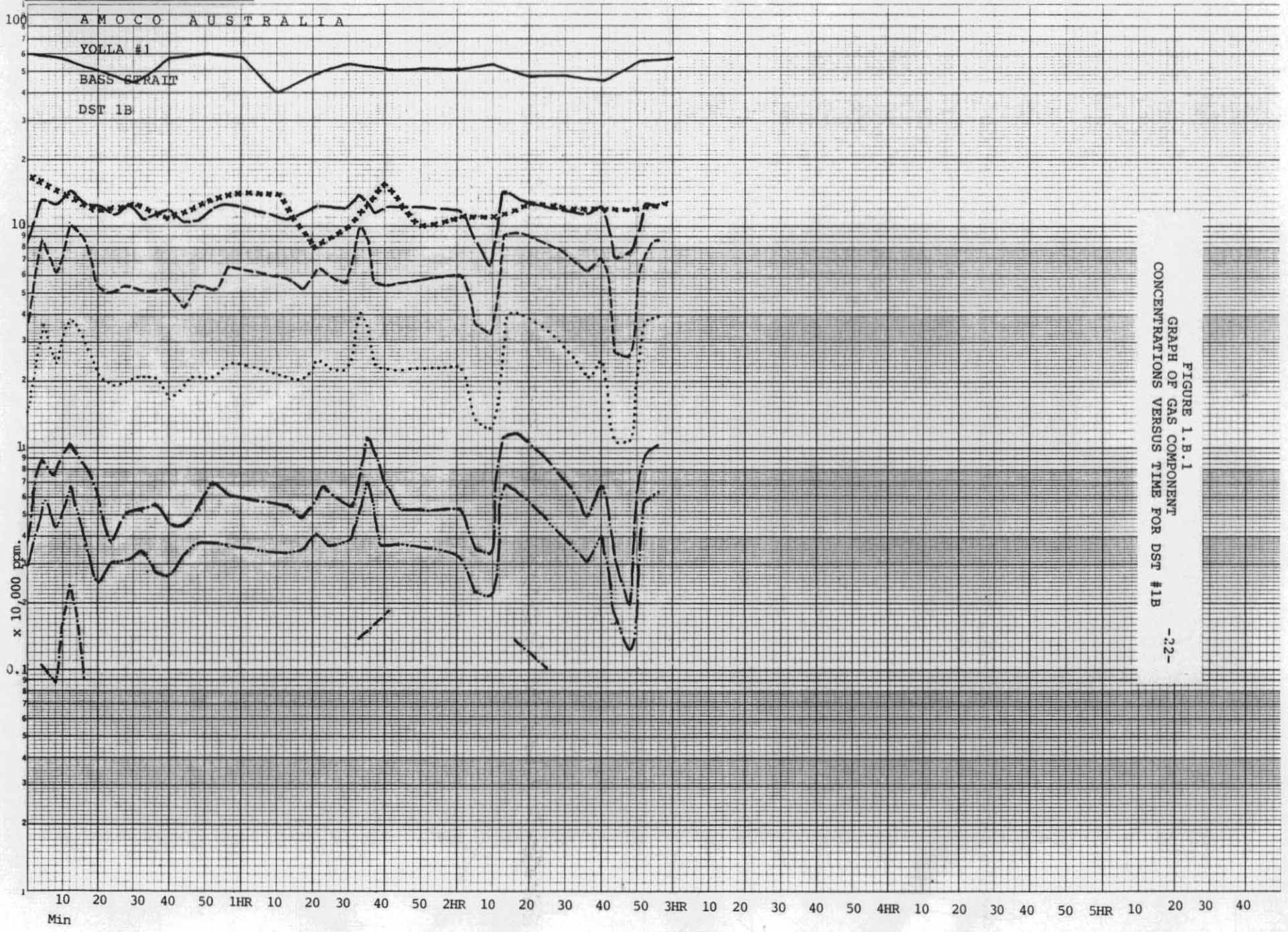


FIGURE 1.B.1
GRAPH OF GAS COMPONENT
CONCENTRATIONS VERSUS TIME FOR DST #1B

317099

ANADRILL

Schlumberger

TOTAL GAS —— C2 - - - - - - iC4 -·-·-·- C5 -·-·-·-·- H_2S : 0 ppm

C1 — — — — — — C3 · · · · · · · · · nC4 -·-·-·- CO_2 xxxxxxxxxxxxxx

AMOCO AUSTRALIA

YOLLA #1

BASS STRAIT

DST 2

5 cm

x 10,000 ppm.

100 10 1 0.1

10 20 30 40 50 1HR 10 20 30 40 50 2HR 10 20 30 40 50 3HR 10 20 30 40 50 4HR 10 20 30 40 50 5HR 10 20 30 40

Min

FIGURE 2.1
GRAPH OF GAS COMPONENT
CONCENTRATIONS VERSUS TIME FOR DST #2

317100

ANADRILL

Schlumberger

TOTAL GAS ——— C2 - - - - - - - iC4 —·—·— C5 —·—·—·— H_2S : 0 ppm

C1 — — — — — — C3 ····· nC4 —·—·—·— CO_2 ××××××××××

AMOCO AUSTRALIA

YOLLA #1

BASS STRAIT

DST 3A

5 cm

x 10,000 ppm.

100 10 1 0.1

10 20 30 40 50 1HR 10 20 30 40 50 2HR 10 20 30 40 50 3HR 10 20 30 40 50 4HR 10 20 30 40 50 5HR 10 20 30 40

Min

FIGURE 3.A.1
GRAPH OF GAS COMPONENT
CONCENTRATIONS VERSUS TIME FOR DST #3A

317101

ANADRILL

Schlumberger

TOTAL GAS ——— C2 - - - - - - - - - iC4 —·—·—·— C5 —·—·—·— H_2S : Oppm

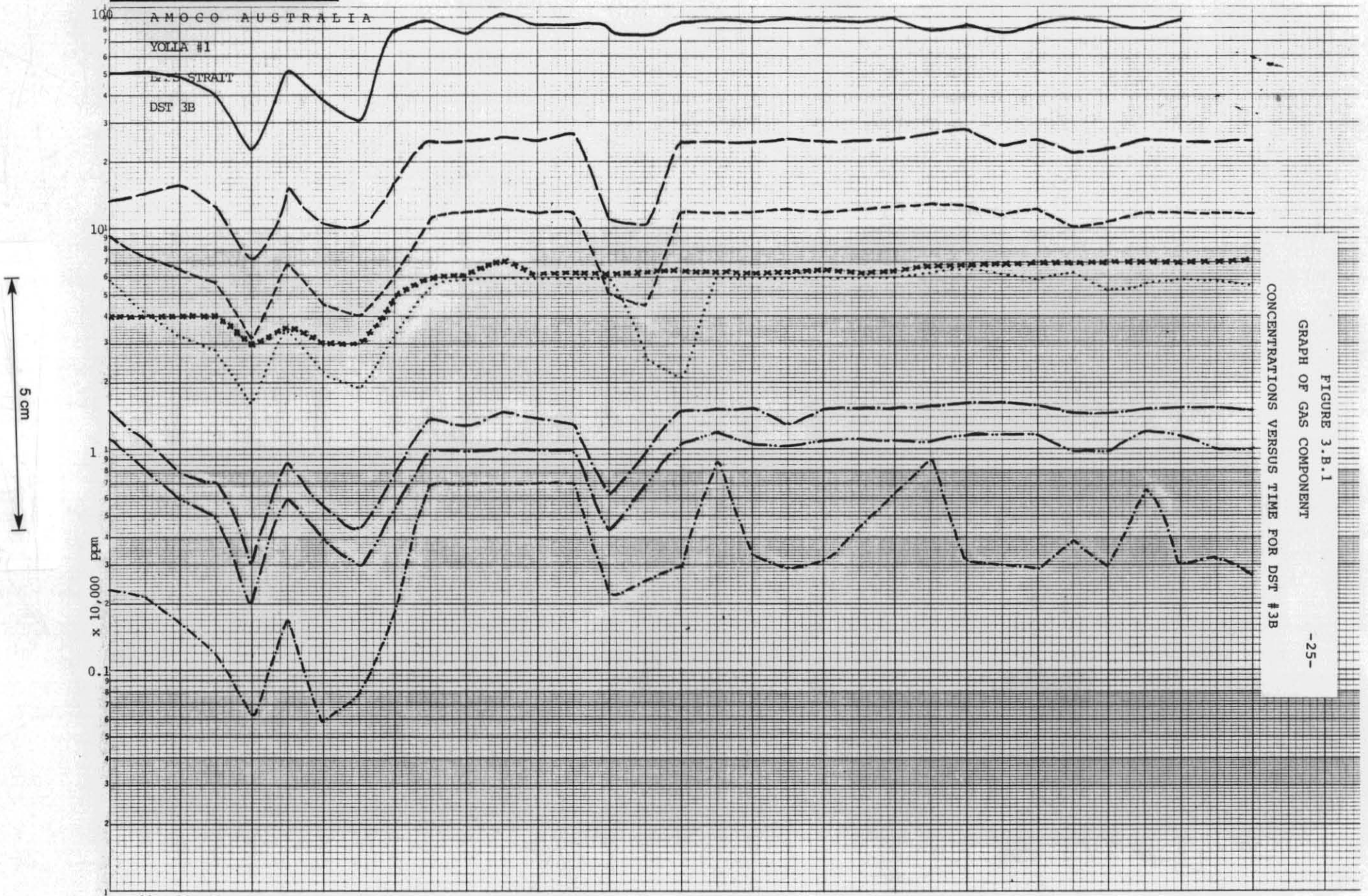
C1 — — — — — C3 ..... nC4 —·—·—·— CO_2 ××××××××××××

AMOCO AUSTRALIA

YOLLA #1

[illegible] STRAIT

DST 3B



5 cm

FIGURE 3.B.1

GRAPH OF GAS COMPONENT

CONCENTRATIONS VERSUS TIME FOR DST #3B

317102

317103

ANADRILL
SCHLUMBERGER

AMOCO AUST. PETROLEUM CO.
YOLLA #1 TASMANIA.

HYDROCARBON RATIO ANALYSIS

Hydrocarbon ratio analysis plots were drawn from the ratio tables contained in Tables 1A.2, 1B.2, 2.2, 3A.2 and 3B.2.

The plots all exhibit a similar profile, in that a negative gradient exists from C1 to iC4, a positive gradient from iC4 to nC4 and a negative gradient from nC4 to C5.

The mean hydrocarbon ratios from all the DST's plot in the oil zone on the graph, with the exception of the C2 ratio which plots slightly above the oil zone. This indicates that the amount of C2 in the gas is higher than usually encountered.

The range of C5 hydrocarbon ratios extends into the condensate zone for several of the DST's. This could indicate that oil present is grading into a light oil/condensate.

Profiles of the hydrocarbon ratio plots obtained from all the DST's agree favourably with the mudgas and blender gas hydrocarbon ratio profiles obtained from the show at 1833m while drilling (see well completion report, page 25). This supports the conclusion that the mud gas and blender gas hydrocarbon ratios obtained during the show at 1833m are a valid indication of the true hydrocarbon potential of the reservoir.

317104

SECTION D. HYDROCARBON RATIO DATA PLOTS.

YOLLA #1.

TASMANIA.

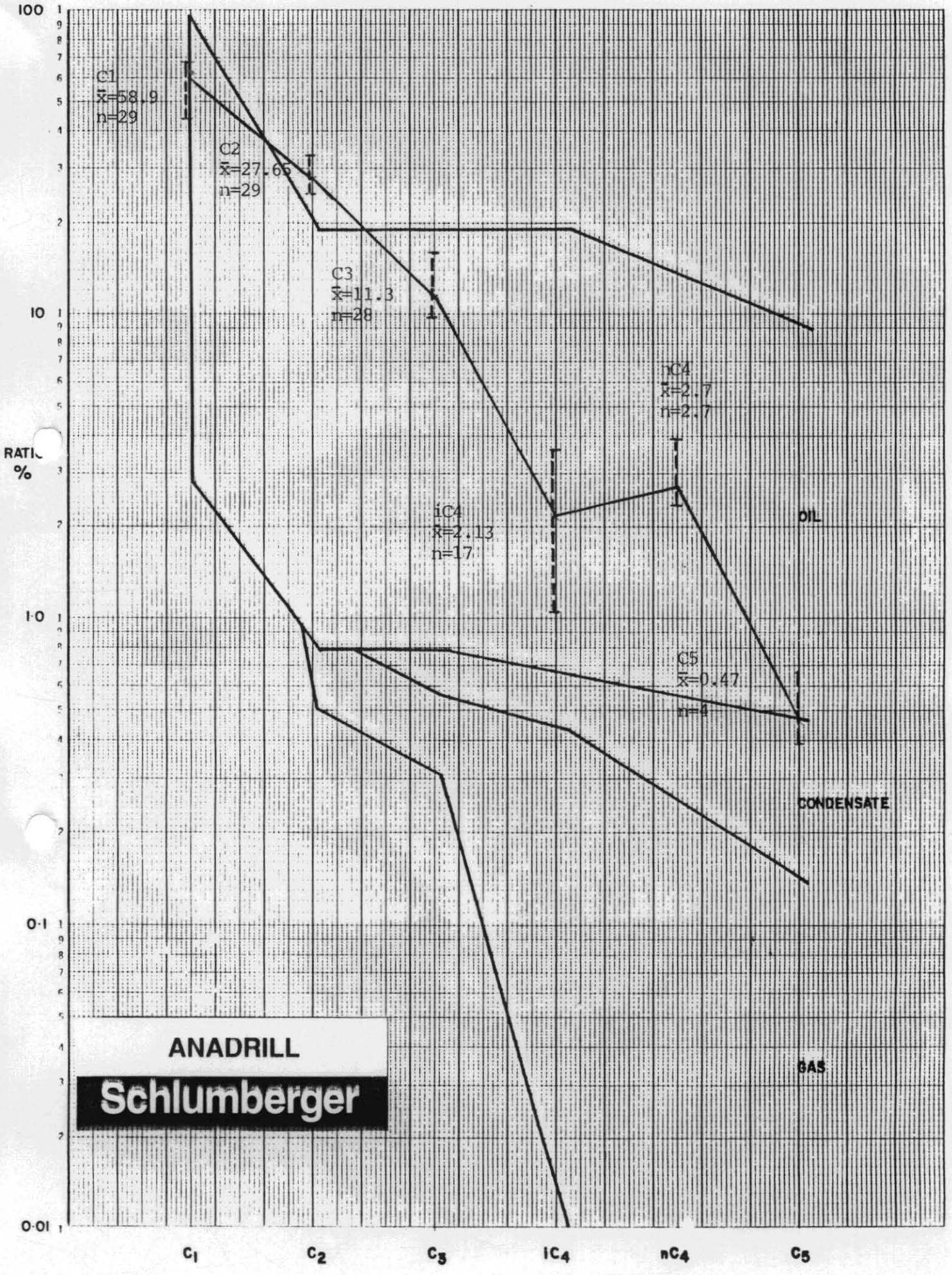
AMOCO AUSTRALIA PETROLEUM CO.

Plots of hydrocarbon ratios using data from Tables in Part B.

317105

FIGURE 1A.2 - DST 1A

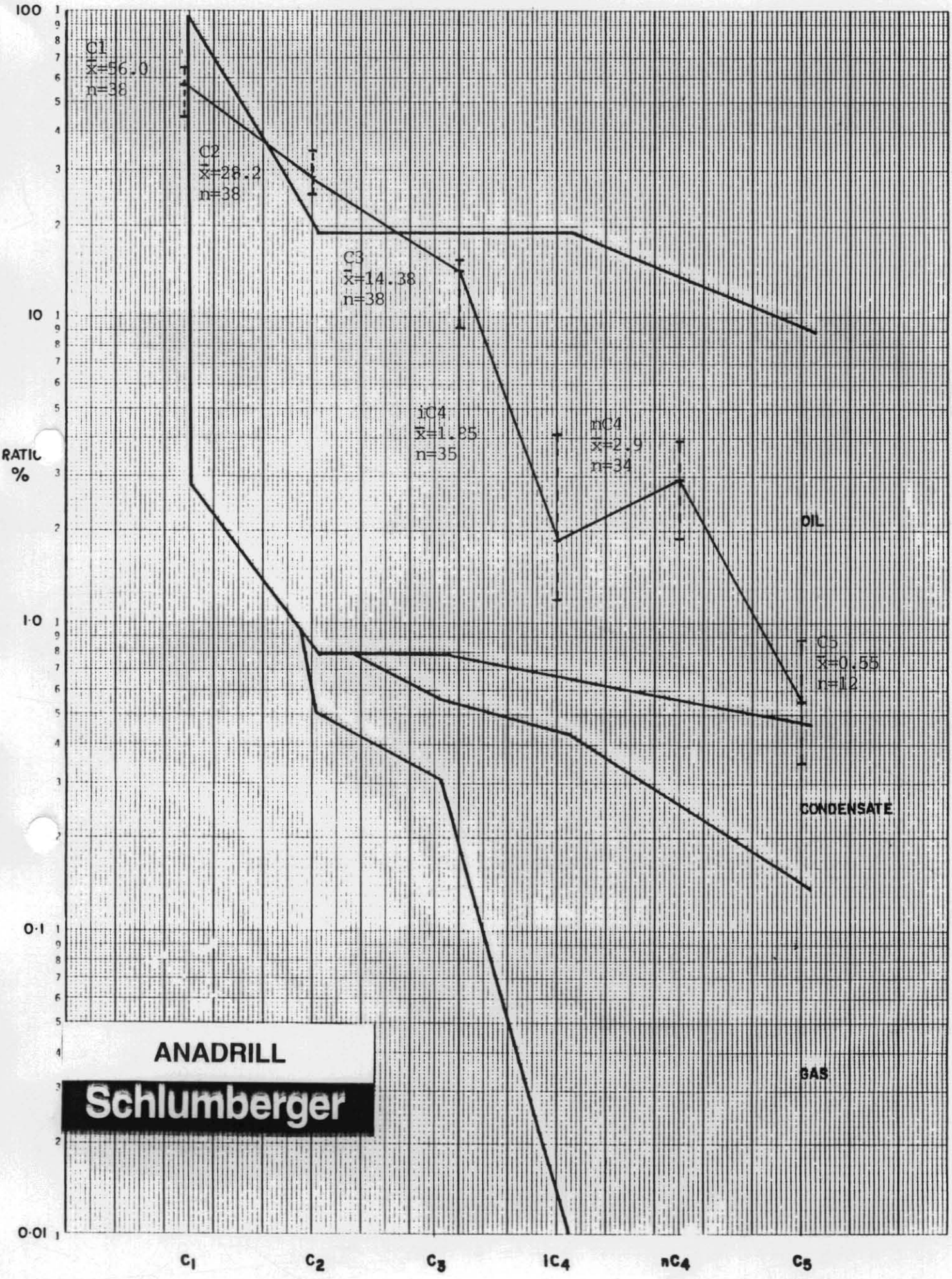
HYDROCARBON RATIO ANALYSIS



317106

FIGURE 1.B.2 - DST 1B

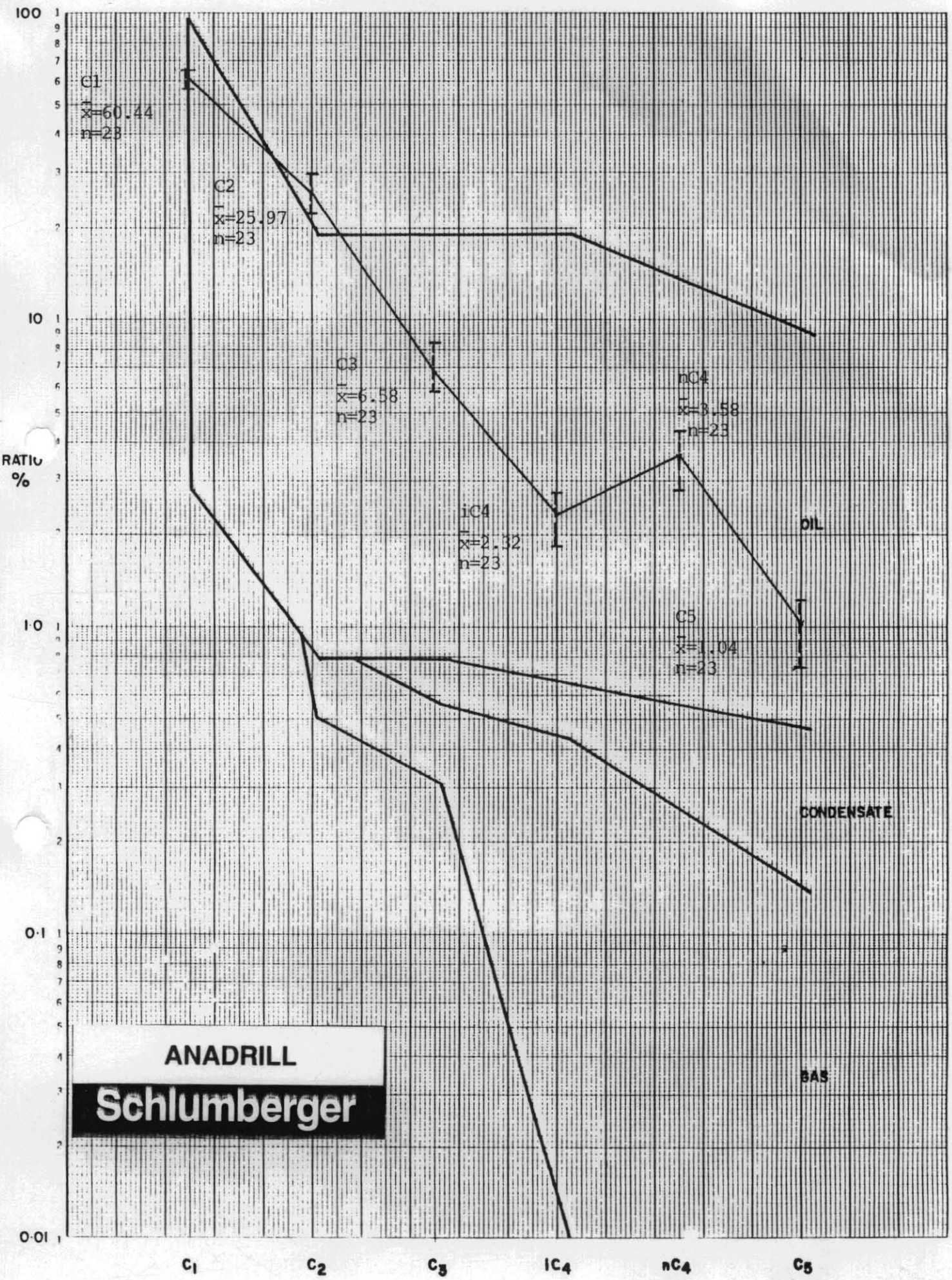
HYDROCARBON RATIO ANALYSIS



317107

FIGURE 2.2 - DST 2

HYDROCARBON RATIO ANALYSIS



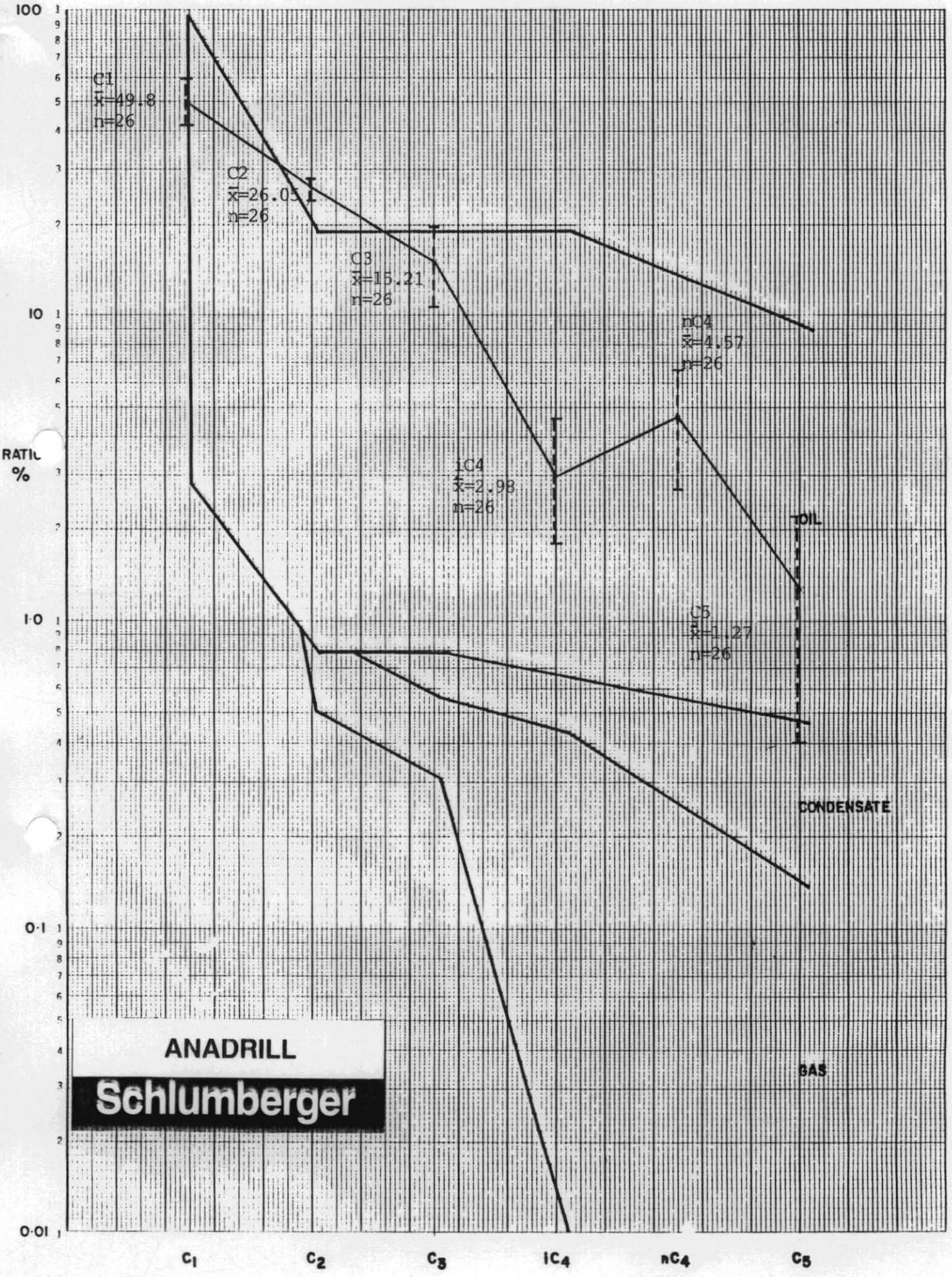
ANADRILL

Schlumberger

317108

FIGURE 3.A.2 - DST 3A

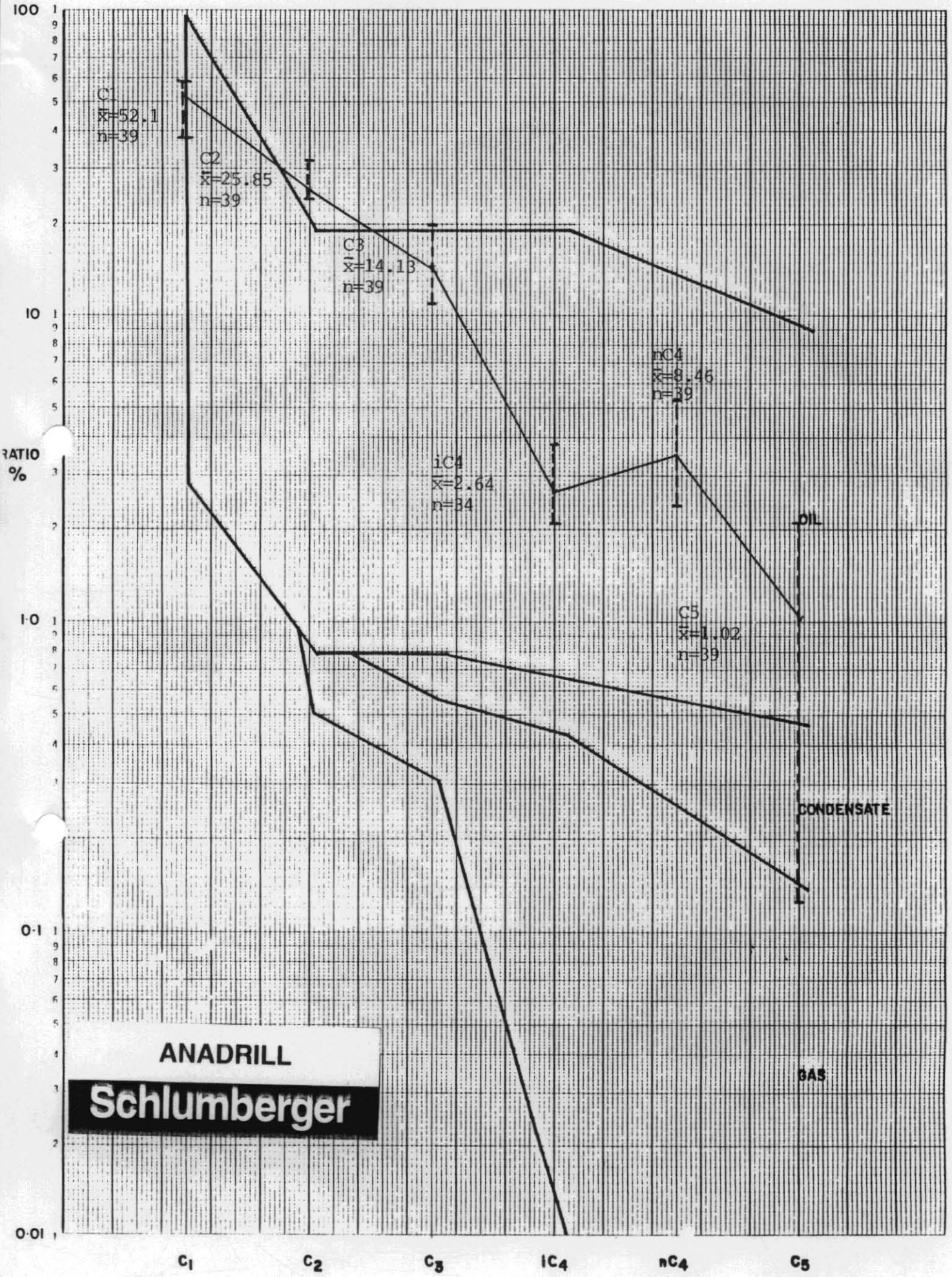
HYDROCARBON RATIO ANALYSIS



317109

FIGURE 3.B.2 - DST 3B

HYDROCARBON RATIO ANALYSIS



317110 ENCLOSURE. 2.

AMOCO AUSTRALIA PETROLEUM LIMITED
WELL : YOLLA #1
RIG : R.F. BAUER
AREA : BASS STRAIT
DST#s : 1, 2, 2A & 3
08TH SEPTEMBER - 06TH OCTOBER 1985

Rec'd
11/11/85

TPR OR-0320 VOL 2.

317111

Sale Office:
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Telex: AA55240 OTISALE

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Telex: AA93527 HALPR

Adelaide Office:
Otis Engineering Corporation
44 Churchill Rd.,
Dry Creek, S.A., 5094, Australia
Tel.: (08) 260 6057
Telex: AA87473 HALADL

24TH OCTOBER 1985

AMOCO AUSTRALIA PETROLEUM COMPANY
10 LAMPTON AVE.
DERWENT PARK
TASMANIA 7009
AUSTRALIA

Dear Sir,

Please find attached the Otis Well Test Report for the drill stem tests conducted on your well, YOLLA #1, during 08TH SEPTEMBER - 06TH OCTOBER 1985.

We, at Otis, are continually striving to improve the content and format of our Well Test Reports and trust that our standard format report is acceptable and contains all the information you require. However should you have any queries, or improvement that you would like to see incorporated into our report, please do not hesitate to contact the WTS Department at our SALE/PERTH OFFICE in AUSTRALIA.

It has been a pleasure working with AMOCO AUSTRALIA PETROLEUM LIMITED on this well, and we hope we may continue to be of service to you in the future.

Yours sincerely,
OTIS ENGINEERING CORPORATION

ANTHONY WOOLHAM/DAVE MUMFORD
Well Testing Services Department
AUSTRALIA

TEST OBJECTIVE

The test objective for **YOLLA #1** was to conduct drill stem tests on the zones specified by the representative of **AMOCO AUSTRALIA PETROLEUM LIMITED** encompassing the following:-

1. To determine the initial reservoir pressure.

2. To determine reservoir parameters of Kh, skin, boundaries and changes in these parameters within the radious of investigation of the test.

3. To obtain representative water samples, if produced, to determine Rw and composition. Other tests may also be conducted on the sample.

4. To determine well productivity.

5. To compile an Otis computerised Well Test Report.

TEST NO.	INTERVAL	FORMATION	THICKNESS
1	2809 -2814 METRES	SANDSTONE	5 METRES
	2818 -2824.5 METRES	SANDSTONE	6.5 METRES
2	1830 - 1835 METRES	SANDSTONE	5 METRES
2A	1833.1-1833.7 METRES	SANDSTONE	0.6 METRES
3	1813 -1833.7 METRES	SANDSTONE	20.7 METRES

DESCRIPTION OF OPERATIONS

COMPANY	: AMOCO AUSTRALIA PETROLEUM LTD.
WELL	: YOLLA #1
DST NO.	: 1 (RATES 1 & 2)
FORMATION	: SANDSTONE
INTERVAL TESTED	: 2809-2814/2818-2824.5 METRES
DATE	: 16TH - 17TH SEPTEMBER 1985

****

The test string was run in the hole and the packer set at 9055 feet and string displaced with 149 BBLS of diesel.

The H.P. gauge and DHSIT was rigged up and run in the hole to 50 feet above the DHSIT receptacle.

At 1337 hours the annulus was pressurized to 1500 PSI with an immediate response of pressure at the choke manifold to indicate the opening of the LPR valve.

At 1349 hours the well was diverted to the stock tank on a 24/64-inch adjustable choke before the well was shut in at the choke manifold for the initial build-up.

At 1529 hours after a 99 minute initial build-up the well was opened to the oil burners on a 12/64-inch adjustable choke.
The choke size was steadily increased to a 30/64-inch positive before the annulus pressure was bled down closing the LPR valve because of large amounts of gas around the shaker area.

At 1759 hours with the test string pressure bled down to 1200 PSI the LPR valve was opened. The flow was diverted to the oil burners on a 12/64-inch adjustable choke.
It was at this time the HP gauge stopped functioning due to being blown up the hole when the well was opened.
The choke was steadily increased to 30/64-inch positive and wellhead pressure stabilized before the flow was diverted through the separator where oil, gas and water rates were established.
The well was shut in at the LPR valve and the surface safety valve activated due to a leaking surface chiksan.
Because electric line cable was still stuck in the test string the surface test trees master valve could not be closed making it unsafe to knock loose and replace leaking chiksan.

DST NO.1
PAGE 2 (contd.)

On 17,September 1985, after managing to get the electric line cable out of the hole the leaking chiksan was repaired.

At 1515 hours after a 17 hour 8 minute build-up the well was opened to the gas flare on a 12/64-inch adjustable choke.

At 1520 hours due to the immediate effects of hydrates the well was shut in at the choke manifold to de-ice the surface flowlines.

At 1525 hours the well was opened to the flare on a 40/64-inch positive choke.

At 1555 hours the flow was diverted through the separator where gas oil and water rates were measured and gas and oil samples taken.

At 1930 hours the well was shut in at the surface safety valve for bullheading formation fluid back into formation, ending DST#1.

DESCRIPTION OF OPERATIONS

COMPANY	: AMOCO AUSTRALIA PETROLEUM LTD.
WELL	: YOLLA #1
DST NO.	: 2 (RATES 1 & 2)
FORMATION	: SANDSTONE
INTERVAL TESTED	: 1830 - 1835 METRES
DATE	: 22ND - 23RD SEPTEMBER 1985

****

The test string was run in the hole and the packer set at 5822 feet.
The string was displaced with 91 BBLS of diesel and perforated using 2-1/8 inch enerjet guns 0° phasing 4 SPF.

At 0628 hours the well was opened to the oil burners on a 8/64-inch adjustable choke for a 10 minute initial flow period.
The perforating guns were rigged down and a HP gauge and CCL run in the hole and set at 5771 feet.

At 1222 hours the well was opened to the oil burners on a 8/64-inch adjustable choke for clean-up and stabilization.

At 1315 hours gas and rathole mud reached surface. Various choke sizes were used before the well was stabilized on a 46/64-inch positive and the flow diverted through the separator.
Although oil condensate was present in the separator the flow rate was too small to measure. Gas and water rates were calculated and pressurized gas samples obtained.

At 1755 hours the separator was bypassed and the choke was reduced to a 32/64-inch positive for rate #2.

At 1845 hours the flow was diverted through the separator where again oil condensate was present but was too small a flow to measure.
Gas and water rates were calculated and pressurized gas sample obtained.

At 2202 hours the separator was bypassed and the well was shut in at the choke manifold.
The HP gauge and CCL were pulled ot of the hole and the test string reverse circulated to the gas burner, ending DST #2.

DESCRIPTION OF OPERATIONS

COMPANY	: AMOCO AUSTRALIA PETROLEUM LTD.
WELL	: YOLLA #1
DST NO.	: 2A
FORMATION	: SANDSTONE
INTERVAL TESTED	: 1833.1 - 1833.7 METRES
DATE	: 03RD - 04TH OCTOBER 1985

****

The test string was run in the hole and displaced with 3900 feet of drill water cushion.
The packer was set at 5785 feet and the zone perforated using 2-1/8 inch enerjet guns.

At 1022 hours the well was opened to the bubble hose where only a very weak blow was observed for the first few minutes.

At 1033 hours with 3 PSI wellhead pressure the bubble hose was closed and wellhead pressure monitored until 1130 hours when with 345 PSI the subsea lubricator valve was pumped close to rig down the spent perforating guns and rigged up Schlumberger PLT.

At 1450 hours the subsea lubricator valve was pumped open and a wellhead pressure of 800 PSI was monitored at surface.

At 1613 hours with the PLT at depth the well was opened to the oil burners on a 8/64-inch adjustable choke.

At 1815 hours after steadily increasing the choke to a 24/64-inch adjustable the water cushion reached surface.

At 2015 hours rathole mud reached surface.

On 4,October 1985 at 0014 hours the choke was changed to a 16/64-inch positive for stabilization before the flow was diverted through the separator where gas and oil rates were calculated and gas and oil samples collected.

At 0530 hours the well was shut in at the choke manifold and the PLT was pulled out of the hole.
As DST #3 was to be an add on set of perforations no bullheading or reverse circulation of formation fluid was required.

DESCRIPTION OF OPERATIONS

COMPANY	: AMOCO AUSTRALIA PETROLEUM LTD.
WELL	: YOLLA #1
DST NO.	: 3
FORMATION	: SANDSTONE
INTERVAL TESTED	: 1813 - 1833.7 METRES
DATE	: 04TH - 05TH OCTOBER 1985

****

At 1040 hours perforating guns run in the hole.

At 1201 hours the well was opened to the oil burners on a 20/64-inch adjustable choke.

At 1219 hours with the choke set on a 30/64-inch adjustable the well was perforated using 2-1/8 inch enerjet guns.

At 1230 hours the well was shut in at the choke manifold and the perforating guns pulled to the surface.

At 1800 hours after rigging down the spent perforating guns and running the PLT to depth the well was opened to the oil burners on a 64/64-inch adjustable choke.

At 1851 hours the choke was changed to a 80/64-inch positive for stabilization before the flow was diverted through the separator where oil, gas and water rates were calculated, and oil and gas samples collected.

On 5,October 1985 at 0033 hours the well was shut in at the choke manifold for the final build-up.

At 0850 hours formation fluid bullheaded into formation ending DST #3 and the testing programme on Yolla #1.

SEQUENCE OF OPERATIONS

OEC-872-1-B-SIN

TEST NUMBER	RIG NAME	PAGE	OF
DST#1-3	R.F. BAUER	1	8

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD.	YOLLA #1	WILDCAT	BASS STRAIT

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
MR. L.TRANSIER/B.BAACK/RICH BYHAM	TONY WOOLHAM

DATE	TIME	OPERATIONS
08SEP85		G.PETTY AND Y.K. CHOY DEPARTED SINGAPORE FOR MELBOURNE - DEVONPORT
		A.WOOLHAM AND P.CROSBIE DEPARTED PERTH FOR MELBOURNE - DEVONPORT
09SEP85		WOOLHAM AND CROSBIE ARRIVED ON RIG R.F. BAUER
		PETTY AND CHOY STAYED OVERNIGHT IN DEVENPORT
		CONNECTED PROPANE TO HEATER AND FIRED UP READY P.T. EQUIPMENT WHILST
		WAITING ON THE CRANE TO MOVE P.T. EQUIPMENT FORWARD
10SEP85		PETTY AND CHOY ARRIVED ON RIG R.F. BAUER
		STARTED LOADING P.T. EQUIPMENT ONTO SUPPLY BOAT FOR TRANSFERAL FORWARD
		PICKED UP SUBSEA TEST TREE AND RUN IN HOLE FOR DUMMY SPACE OUT RUN - O.K.
		STARTED PRESSURE TEST ALL SURFACE P.T. EQUIPMENT
		RIGS GAS VALVES TO 1000 PSI - O.K.
		SEPARATOR BODY - RIGS OIL VALVES TO 1000 PSI - O.K.
		TANK BYPASS VALVES TO 1000 PSI - O.K.
		SEPARATOR INLET AND OIL - GAS BYPASS VALVES TO 1000 PSI - O.K.
		HEATER COILS 5000 PSI - O.K.
		HEATER INLET - BYPASS VALVE 5000 PSI - O.K.
		RIGS MAIN LINE VALVES TO 5000 PSI - O.K.
		SURFACE TEST TREE / SAFETY VALVE / MASTER AND SWAB VALVE TO 5000 PSI - O.K.
11SEP85		LAID OUT BURNER BOOMS AND SECURE

31118

SEQUENCE OF OPERATIONS

OEC-872-1-B-SIN

TEST NUMBER	RIG NAME	PAGE	OF
DST#1-3	R.F. BAUER	2	8

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD.	YOLLA #1	WILDCAT	BASS STRAIT

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
MR. L.TRANSIER/B.BAACK/RICH BYHAM	TONY WOOLHAM

DATE	TIME	OPERATIONS
11SEP85		INSTALLED PORT BURNER HEAD ON BOOM
		PICKED UP SUBSEA TEST TREE AND DRIFT - O.K.
		PUT SUBSEA TEST TREE IN ROTARY AND HYDRAULICALLY UNLATCH
		REPAIRED HASKEL PUMP UNIT
		DRIFTED SUBSEA LUBRICATOR VALVE - O.K.
12SEP85	0935	PICKED UP SUBSEA TEST TREE AND MADE UP TO TEST STRING
		FUNCTIONED TEST LATCH FOR DISCONNECTION
		THREADED CONNECTION ON ADJUSTABLE FLUTED HANGER TO BOTTOM SUB ON
		SUBSEA TEST TREE PARTED RESULTING IN TEST STRING FALLING DOWN HOLE
		BROKE OUT SUBSEA TEST TREE AND LAID DOWN
13SEP85		GENERAL MAINTENANCE OF P.T. EQUIPMENT
	2000	ADJUSTABLE FLUTED HANGER FISHED AND PULLED TO SURFACE
14SEP85		GENERAL MAINTENANCE OF P.T. EQUIPMENT
15SEP85	0200	PICKED UP SUBSEA TEST TREE AND RE-CHECK TORQUE ON THREADS
	0230	UNLOADED NEW ADJUSTABLE FLUTED HANGER FROM BOAT
	0245	MADE UP HANGER ONTO SUBSEA TEST TREE
	0400	RUN SUBSEA TEST TREE IN HOLE FOR DUMMY RUN AND SPACE OUT
	0430	CLOSED RAMS ON RAM LOCK
		STARTED OUT OF HOLE WITH SUBSEA TEST TREE

31,419

SEQUENCE OF OPERATIONS

OEC-872-1-B-SIN

TEST NUMBER	RIG NAME	PAGE	OF
DST#1-3	R.F. BAUER	3	8

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD.	YOLLA #1	WILDCAT	BASS STRAIT

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
MR. L.TRANSIER/B.BAACK/RICH BYHAM	TONY WOOLHAM

DATE	TIME	OPERATIONS
15SEP85	0430	RAMS CLOSING ON RAM LOCK CORRECTLY
	0800	FIRED UP HEATER
		GENERAL MAINTENANCE OF P.T. EQUIPMENT
	1800	PICKED UP SUBSEA TEST TREE
	1815	FUNCTIONED TEST LATCH
	1902	SUBSEA TEST TREE RUN IN HOLE
	1925	SUBSEA LUBRICATOR VALVE PICKED UP
	1955	SUBSEA LUBRICATOR VALVE RUN IN HOLE
	2000	PICKED UP SUBSEA TEST TREE AND MADE UP ONTO TEST STRING
	2126	SET R.T.T.S. PACKER
	2200	STARTED RIGGING IN SURFACE FLOWLINES
16SEP85	0030	TEST STRING PRESSURE TESTED TO 5000 PSI - O.K.
	0105	SHUT RIG VALVE DOWNSTREAM OF RIG FLOOR AND PRESSURE TESTED TO 5000 PSI
	0130	PRESSURED TEST BACK & FRONT VALVES ON CHOKE MANIFOLD / SURFACE SAFETY VALVE &
		KILL LINE VALVE TO 5000 PSI - O.K.
	0315	STARTED DISPLACING TEST STRING WITH 149 BBLS OF DIESEL
	0620	FINISHED DISPLACING
	0820	STARTED RIG-UP WIRELINE LUBRICATOR
	0910	RIGGED DOWN WIRELINE LUBRICATOR

317120

SEQUENCE OF OPERATIONS

OEC-872-1-B-SIN

TEST NUMBER	RIG NAME	PAGE	OF
DST#1-3	R.F. BAUER	4	8

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD.	YOLLA #1	WILDCAT	BASS STRAIT

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
MR. L.TRANSIER/B.BAACK/RICH BYHAM	TONY WOOLHAM

DATE	TIME	OPERATIONS
16SEP85	0935	TESTED PIPE RAMS - O.K.
	1020	RIGGED UP LUBRICATOR
	1118	PRESSURE TESTED LUBRICATOR TO 5000 PSI - O.K.
	1209	H.P. GAUGES RUN IN HOLE
	1334	APR VALVE OPENED START OF DST #1 (SEE FIELD READINGS FOR FURTHER DATA)
17SEP85	1930	LPR VALVE AND SURFACE SAFETY VALVES CLOSED
		FORMATION FLUID BULLHEADED INTO FORMATION ENDING DST #1
	2347	R.T.T.S. PACKER UNSEATED
18SEP85	0005	FLUSHED THROUGH ALL SURFACE FLOWLINES WITH FRESH WATER
	0105	BROKE OUT AND LAID DOWN SURFACE TEST TREE
	0125	BROKE OUT AND LAID DOWN SUBSEA LUBRICATOR VALVE
	0210	BROKE OUT AND LAID DOWN SUBSEA TEST TREE
		PRESSURE TESTED SURFACE TEST TREE TO 5000 PSI - O.K.
		GENERAL MAINTENANCE OF P.T. EQUIPMENT
19SEP85		CUT 100 FEET OF DUAL HOSE FROM REEL PACK /
		MADE UP PRESSURE SWIVELS AND PRESSURE TESTED TO
		10000 PSI AND 5000 PSI
		PRESSURE TESTED SUBSEA LUBRICATOR VALVE / SUBSEA TEST TREE AND CHOKE MANIFOLD
		TO 5000 PSI - O.K.

3171121

SEQUENCE OF OPERATIONS

OEC-872-1-B-SIN

TEST NUMBER	RIG NAME	PAGE	OF
DST#1-3	R.F. BAUER	5	8

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD.	YOLLA #1	WILDCAT	BASS STRAIT

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
MR. L.TRANSIER/B.BAACK/RICH BYHAM	TONY WOOLHAM

	DATE	TIME	OPERATIONS
1	19SEP85		EVACUATED SAMPLE CYLINDERS. MADE UP SAMPLE HOSES
2	20SEP85		GENERAL MAINTENANCE OF P.T. EQUIPMENT
3	21SEP85	1114	PICKED UP SUBSEA TEST TREE / FUNCTIONED TEST LATCH
4			MADE UP TO TEST STRING AND RUN IN THE HOLE
5		1240	PICKED UP SUBSEA LUBRICATOR VALVE AND RUN IN HOLE
6		1325	PICKED UP SURFACE TEST TREE AND MADE UP ONTO TEST STRING
7		1523	STARTED PRESSURE TESTING SURFACE FLOWLINES AND
8			VALVES TO 5000 PSI - O.K.
9		2005	STARTED DIPLACING TEST STRING WITH DIESEL
10		2145	STRING DISPLACED WITH 91 BBLS OF DIESEL
11		2300	PRESSURE TESTED SCHLUMBERGER LUBRICATOR TO 5000 PSI - O.K.
12	22SEP85	0255	PUMPED CLOSE SUBSEA LUBRICATOR VALVE
13			DRAINED DOWN SURFACE FLOWLINES TO TANK
14		0325	PERFORATING GUN RUN IN HOLE AND TAGGED SUBSEA LUBRICATOR VALVE
15		0330	PUMPED OPEN SUBSEA LUBRICATOR VALVE / PERFORATING GUNS RUN IN HOLE
16		0628	ZONE PERFORATED START OF DST #2 (SEE FIELD READINGS FOR FURTHER DATA)
17	23SEP85	0259	REVERSED CIRCULATE TEST STRING ENDING DST #2
18		0450	BROKE OUT SURFACE TEST TREE AND LAID DOWN
19		0520	FLUSHED THROUGH ALL SURFACE LINES AND EQUIPMENT

31722

SEQUENCE OF OPERATIONS

OEC-872-1-B-SIN

TEST NUMBER	RIG NAME		PAGE	OF
DST#1-3	R.F. BAUER		6	8

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD.	YOLLA #1	WILDCAT	BASS STRAIT

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
MR. L.TRANSIER/B.BAACK/RICH BYHAM	TONY WOOLHAM

DATE	TIME	OPERATIONS
23SEP85	0545	BROKE OUT SUBSEA LUBRICATOR VALVE AND LAID DOWN
	0620	BROKE OUT SUBSEA TEST TREE AND LAID DOWN
	0800	EMPTY HEATER OF WATER
		RIGGED DOWN PROPANE BURNER LINES
		REDRESSED LO-TORC VALVE ON CHOKE MANIFOLD
		PRESSURE TESTED CHOKE MANIFOLD TO 5000 PSI - O.K.
24SEP85		PRESSURE TESTED SURFACE TEST TREE / SUBSEA LUBRICATOR VALVE & SUBSEA TEST TREE
		TO 5000 PSI - O.K.
		CLEANED BURNER NOZZLES
		DRAINED STOCK TANK
25SEP85		GENERAL MAINTENANCE OF P.T. EQUIPMENT
		REPAIRED VALVE GUARD ON SURFACE TEST TREE
26SEP85		RE-PRESSURE TEST AND HAVE WITNESSED SUBSEA TEST TREE / SUBSEA LUBRICATOR VALVE
		SURFACE TEST TREE AND CHOKE MANIFOLD TO 5000 PSI - O.K.
27SEP85		REMOVED AND INSPECTED 2-INCH WATER DUMP CONTROL VALVE AND 2-INCH WATER METER
		GENERAL MAINTENANCE OF P.T. EQUIPMENT
28SEP85		GENERAL MAINTENANCE OF P.T. EQUIPMENT
29SEP85		GENERAL MAINTENANCE OF P.T. EQUIPMENT
30SEP85		GENERAL MAINTENANCE OF P.T. EQUIPMENT

317423

SEQUENCE OF OPERATIONS

OEC-872-1-B-SIN

TEST NUMBER	RIG NAME	PAGE	OF
DST#1-3	R.F. BAUER	7	8

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD.	YOLLA #1	WILDCAT	BASS STRAIT

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
MR. L.TRANSIER/B.BAACK/RICH BYHAM	TONY WOOLHAM

DATE	TIME	OPERATIONS	
01OCT85		GENERAL MAINTENANCE OF P.T. EQUIPMENT	1
02OCT85	0045	PICKED UP SUBSEA TEST TREE AND TORQUE UP JOINTS	2
	0135	LAID DOWN SUBSEA TEST TREE	3
	0145	PICKED UP SUBSEA LUBRICATOR VALVE AND TORQUE UP JOINTS	4
	0215	LAID DOWN SUBSEA LUBRICATOR VALVE	5
	1515	PICKED UP SUBSEA TEST TREE AND MADE UP TO TEST STRING	6
	1532	FUNCTIONED TEST LATCH	7
	1600	PICKED UP SUBSEA SEA LUBRICATOR VALVE	8
	1650	PICKED UP SURFACE TEST TREE AND MADE UP TO TEST STRING	9
	1705	BROKE OUT SURFACE TEST TREE AND LAID DOWN	10
		CHANGED SHACKLE ON BIG SLINGS	11
	1715	PICKED UP SURFACE TEST TREE AND MADE UP TO TEST STRING	12
	2140	AFTER SEVERAL UNSUCCESSFUL ATTEMPTS TO CLOSE RAMS	13
		RIGGED DOWN SURFACE TEST TREE	14
	2240	LAID DOWN SUBSEA LUBRICATOR VALVE	15
	2310	SUBSEA TEST TREE THROUGH ROTARY	16
03OCT85	0015	MADE ADJUSTMENT TO ADJUSTABLE HANGER FOR SPACING OUT	17
	0025	SUBSEA TEST TREE RUN IN HOLE	18
	0055	SUBSEA LUBRICATOR VALVE PICKED UP AND RUN IN HOLE	19

3171424

SEQUENCE OF OPERATIONS

OEC-872-1-B-SIN

TEST NUMBER	RIG NAME	PAGE	OF
DST#1-3	R.F. BAUER	8	8

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD.	YOLLA #1	WILDCAT	BASS STRAIT

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
MR. L.TRANSIER/B.BAACK/RICH BYHAM	TONY WOOLHAM

	DATE	TIME	OPERATIONS
1	03OCT85	0745	PICKED UP SURFACE TEST TREE AND MADE UP TO TEST STRING
2		0200	CLOSED UPPER PIPE RAMS ON SUBSEA TEST TREE
3		0214	SET PACKER
4		0310	STARTED PRESSURE TESTING SURFACE FLOWLINES TO 5000 PSI - O.K.
5		0815	PERFORATING GUNS RUN IN HOLE
6		1021	ZONE PERFORTED START OF DST #2A (SEE FIELD READINGS FOR FURTHER DATA)
7	04OCT85	0645	END OF DST #2A
8		1045	PERFORATING GUNS RUN IN HOLE FOR DST #3
9		1219	ZONE PERFORATED START OF DST #3 (SEE FIELD READINGS FOR FURTHER DATA)
10	05OCT85	0845	BULLHEADED FORMATION FLUID DOWN TEST STRING ENDING DST #3
11		1016	UNSEATED PACKER
12		1115	RIGGED DOWN SURFACE TEST TREE
13		1200	BROKE OUT AND LAID DOWN SUBSEA LUBRICATOR VALVE
14		1330	BROKE OUT AND LAID DOWN SUBSEA TEST TREE
15			STARTED DISMANTLING SURFACE FLOWLINES
16		2300	PICKED UP SURFACE TEST TREE TO RIG FLOOR AND BREAK OUT
17	06OCT85		READY EQUIPMENT FOR SHIPMENT TO HOBART - SINGAPORE AND D.M. EPOCH
18			
19			

31125

TEST STRING

TEST NUMBER	RIG NAME	DATE (DAY MO YR)	PAGE	OF
DST #1	R.F. BAUER	16SEP85	1	1

OPERATOR	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	WILDCAT	BASS STRAIT

TOP OF HOLE	DEPTH (FEET)		DEPTH M.	KB ELEVATION (FT)	GROUND ELEV./WATER DEPTH (FEET)	REFERENCE ELEV.	MUD WT. (LBS./FT.)	INTERVAL TESTED (FEET)
				290	261	KB	9.6	2809-2814M

				OUTSIDE DIAMETER (INCHES)	INSIDE DIAMETER (INCHES)	LENGTH M.
	1	HANDLING SUB				
	2	SURFACE TEST TREE			2.880	
	3	CROSS-OVER		5.000	3.000	1.00
	4	DRILL PIPE		5.000	3.687	92.00
	5	CROSS-OVER		5.000	3.000	3.00
	6	SUBSEA LUBRICATOR VALVE		10.750	2.880	5.00
	7	CROSS-OVER		6.125	3.000	1.45
	8	DRILL PIPE		5.000	3.687	185.00
	9	CROSS-OVER		5.000	3.000	3.00
	10	SUBSEA TEST TREE		10.750	2.880	17.00
	11	CROSS-OVER		6.000	3.000	1.00
	12	DRILL PIPE		5.000	3.687	8047.14
	13	HEAVY WEIGHT DRILL PIPE		5.000	3.000	301.89
	14	XO 4-1/2IF BOX X 3-1/2 IRD PIN		6.250	2.900	1.00
8656.8	15	SRO LATCH NIPPLE		3.500	1.500	1.09
	16	XO 3-1/2IRD BOX X 3-1/2 IF PIN		4.750	2.300	1.18
	17	X-OVER 3-1/2 IF BOX X 4 IF PIN		5.750	2.600	1.00
	18	DRILL COLLARS		6.500	2.812	92.16
	19	X-OVER 4 IF BOX X 3-1/2 IF PIN		5.750	2.600	1.00
	20	SLIP JOINT		5.000	2.250	39.48
	21	X-OVER 3-1/2 IF BOX X 4 IF PIN		5.750	2.600	1.00
	22	DRILL COLLARS		6.500	2.812	91.62
	23	X-OVER 4 IF BOX X 3-1/2 IF PIN		5.750	2.600	1.00
8892.5	24	FUL-FLO HYD CIR VALVE		4.625	2.250	7.22
	25	SLIP JOINT		5.000	2.250	13.16
	26	X-OVER 3-1/2 IF BOX X 4 IF PIN		5.750	2.250	1.00
	27	DRILL COLLARS		6.500	2.812	92.70
	28	X-OVER 4 IF BOX X 3-1/2 IF PIN		5.750	2.600	1.00
	29	APR-M2		5.030	2.250	7.53
9007.8	30	LPR-N		5.000	2.250	16.40
	31	BIG JOHN JARS		4.625	2.370	5.00
	32	BUNDLE CARRIER		5.375	2.250	7.97
9044.4	33	FUL-FLO HYD CIR VALVE		4.625	2.250	7.22
	34	XO 3-1/2 IF BOX X 3-1/2 FH PIN		4.750	2.375	0.96
	35	FUL-FLO VR SAFETY JOINT		4.625	2.250	4.78
9055.4	36	RTTS TESTING PACKER		7.800	3.750	5.27
	37	DRILL PIPE		5.000	3.687	31.45
	38		BOTTOM OF HOLE			

317126

TESTSTRING

TEST NUMBER	RIG NAME	DATE (DAY MO. YR.)	PAGE	OF
DST #2	R F BAUER	22SEP85	1	2

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	WILDCAT	BASS STRAIT

TOP OF HOLE	DEPTH (FEET)		DEPTH M.	KB ELEVATION (FT)	GROUND ELEV./WATER DEPTH (FEET)	REFERENCE ELEV.	MUD WT. (LBS./FT.)	INTERVAL TESTED (FEET)
				290	261	KB	9.6	1830-1835M

			ITEM #	DESCRIPTION	OUTSIDE DIAMETER (INCHES)	INSIDE DIAMETER (INCHES)	LENGTH M.
			1	OTIS SURFACE TEST TREE			
			2	CROSS-OVER	5.000	3.000	1.00
			3	DRILL PIPE	5.000	3.687	92.00
			4	CROSS-OVER	5.000	3.000	3.00
			5	OTIS SUBSEA LUBRICATOR VALVE	10.750	2.880	5.00
			6	CROSS-OVER	6.125	3.000	1.45
			7	DRILL PIPE	5.000	3.687	185.00
			8	CROSS-OVER	5.000	3.000	3.00
			9	OTIS SUBSEA TEST TREE	10.750	2.880	17.00
			10	OTIS SLICK JOINT	6.000	3.000	3.00
			11	OTIS FLUTED HANGER	14.000	3.000	0.56
			12	DRILL PIPE	5.000	3.687	4726.65
			13	H.W.D.P.	5.000	3.000	301.89
			14	XO 4-1/2 IF BOX X 3-1/2 IF PIN	6.250	2.375	1.00
			5322.3 15	FUL-FLO SAFETY VALVE	5.000	2.250	4.76
			16	XO 3-1/2 IF BOX X 4-1/2 IF PIN	5.750	2.600	1.00
			17	DRILL COLLARS	6.500	2.812	93.04
			18	XO 4-1/2 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
			19	SLIP JOINT	5.000	2.250	13.16
			20	SLIP JOINT	5.000	2.250	16.16
			21	SLIP JOINT	5.000	2.250	18.16
			22	X-OVER 3-1/2 IF BOX X 4 IF PIN	5.750	2.600	1.00
			23	DRILL COLLARS	6.500	2.812	183.78
			24	XO 4-1/2 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
			25	FUL-FLO HYD CIR VALVE	4.625	2.250	7.22
			26	SLIP JOINT	5.000	2.250	13.16
			27	XO 3-1/2 IF BOX X 4-1/2 IF PIN	5.750	2.600	1.00
			28	DRILL COLLARS	6.500	2.812	92.70
			29	XO 4-1/2 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
			5776.4 30	APR-M2	5.030	2.250	7.53
			5779.3 31	LPR-N	5.000	2.250	16.14
			32	BIG JOHN JARS	4.625	2.370	5.00
			5806.6 33	BUNDLE CARRIER	5.375	2.250	7.97
			34	FUL-FLO HYD CIR VALVE	4.625	2.250	7.22
			35	XO 3-1/2 IF BOX X 3-1/2 FH PIN	4.750	2.375	0.96
			36	FUL-FLO VR SAFETY JOINT	4.625	2.250	4.78
			5822.3 37	RTTS PACKER	8.150	3.750	5.27
		BOTTOM OF HOLE		38 BUNDLE CARRIER EMR	5.325	2.250	7.97

31127

TS JG

TEST NUMBER	RIG NAME	DATE (DAY MO. YR.)	PAGE	OF
DST #2	R F BAUER	22SEP85	2	2

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	WILDCAT	BASS DSTRAIT

TOP OF HOLE	DEPTH (FEET)		DEPTH M.	KB ELEVATION (FT)	GROUND ELEV./WATER DEPTH (FEET)	REFERENCE ELEV.	MUD WT. (LBS./FT.)	INTERVAL TESTED (FEET)
				290	261	KB	9.6	1830-1835M

ITEM #	DESCRIPTION	OUTSIDE DIAMETER (INCHES)	INSIDE DIAMETER (INCHES)	LENGTH M.
1	DRAG BLOCK ASSY	8.150	2.600	2.73
2				
3				
4				
5				
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BOTTOM OF HOLE

317128

TEST STRING

TEST NUMBER	RIG NAME	DATE (DAY MO. YR.)	PAGE	OF
DST #2A	R F BAUER	030CT85	1	1

COMPANY	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	WILDCAT	BASS STRAIT

TOP OF HOLE	DEPTH (FEET)		DEPTH M.	KB ELEVATION (FT)	GROUND ELEV./WATER DEPTH (FEET)	REFERENCE ELEV.	MUD WT. (LBS./FT.)	INTERVAL TESTED (FEET)
				290	261	KB	9.6	1833-1833.7M

		ITEM #	DESCRIPTION	OUTSIDE DIAMETER (INCHES)	INSIDE DIAMETER (INCHES)	LENGTH M.
		1	HANDLING SUB			
		2	SURFACE TEST TREE			
		3	DRILL PIPE	5.000	3.687	92.78
		4	LUBRICATOR			9.42
		5	DRILL PIPE	5.000	3.687	251.05
		6	SUBSEA TEST TREE			18.05
		7	DRILL PIPE	5.000	3.687	
		8	H.W.D.P.	5.000	3.000	301.89
		9	XO 4-1/2 IF BOX X 3-1/2 IF PIN	6.250	2.375	1.00
		10	FUL-FLO SAFETY VALVE	5.000	2.250	4.76
		11	XO 3-1/2 IF BOX X 4 IF PIN	5.750	2.600	1.00
		12	DRILL COLLARS	6.500	2.812	93.04
		13	XO 4 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
		14	SLIP JOINT	5.000	2.250	18.16
		15	SLIP JOINT	5.000	2.250	15.66
		16	SLIP JOINT	5.000	2.250	18.16
		17	XO 3-1/2 IF BOX X 4 IF PIN	5.750	2.600	1.00
		18	DRILL COLLAR	6.500	2.812	183.78
		19	XO 4 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
	5608.2	20	APR-A REVERSING VALVE	4.625	2.250	3.00
		21	XO 3-1/2 IF BOX X 4 IF PIN	5.000	2.600	1.00
		22	DRILL COLLARS	6.500	2.812	92.70
		23	XO 4 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
	5713.6	24	APR-M2 SAFETY CIR VALVE	5.030	2.250	7.53
	5730.0	25	LPR-N TESTER VALVE	5.000	2.250	16.40
		26	BIG JOHN JARS	4.625	2.370	5.00
	5743.0	27	BUNDLE CARRIER	5.375	2.250	7.97
	5750.2	28	FUL-FLO HYD CIR VALVE	4.625	2.250	7.22
		29	XO 3-1/2 IF BOX X 3-1/2 FH PIN	4.750	2.375	0.96
		30	FUL-FLO VR SAFETY JOINT	4.625	2.250	4.78
	5757.8	31	RTTS TESTING PACKER	8.150	3.750	5.27
		32	DRILL PIPE	5.000	3.687	31.45
		33	XO 4-1/2 IF BOX X 3-1/2 IF PIN	6.250	2.375	1.00
		34	BUNDLE CARRIER	5.375	2.250	7.97
		35	DRAG BLOCK ASSY	8.150	2.600	2.73
		36	XO 3-1/2 IF BOX X 4-1/2 IF PIN	6.250	2.250	1.00
		37	XO 4-1/2 IF BOX X 3-1/2EUE PIN	6.250	2.875	1.00
BOTTOM OF HOLE	5807.7	38	WIRELINE RE-ENTRY GUIDE	5.750	2.875	0.67

317129

TEST STRING

TEST NUMBER	RIG NAME	DATE (DAY MO YR.)	PAGE	OF
DST #3	R F BAUER	040CT85	1	1

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	WILDCAT	BASS STRAIT

TOP OF HOLE	KB ELEVATION (FT)	GROUND ELEV./WATER DEPTH (FEET)	REFERENCE ELEV.	MUD WT. (LBS./FT.)	INTERVAL TESTED (FEET)
	290	261	KB	9.6	1813-1833.7M

DEPTH (FEET)	DEPTH M.	ITEM #	DESCRIPTION	OUTSIDE DIAMETER (INCHES)	INSIDE DIAMETER (INCHES)	LENGTH M.
		1	HANDLING SUB			
		2	SURFACE TEST TREE			
		3	DRILL PIPE	5.000	3.687	92.78
		4	LUBRICATOR			9.42
		5	DRILL PIPE	5.000	3.687	251.05
		6	SUBSEA TEST TREE			18.05
		7	DRILL PIPE	5.000	3.687	
		8	H.W.D.P.	5.000	3.000	301.89
		9	XO 4-1/2 IF BOX X 3-1/2 IF PIN	6.250	2.375	1.00
		10	FUL-FLO SAFETY VALVE	5.000	2.250	4.76
		11	XO 3-1/2 IF BOX X 4 IF PIN	5.750	2.600	1.00
		12	DRILL COLLARS	6.500	2.812	93.04
		13	XO 4 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
		14	SLIP JOINT	5.000	2.250	18.16
		15	SLIP JOINT	5.000	2.250	15.66
		16	SLIP JOINT	5.000	2.250	18.16
		17	XO 3-1/2 IF BOX X 4 IF PIN	5.750	2.600	1.00
		18	DRILL COLLAR	6.500	2.812	183.78
		19	XO 4 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
	5608.2	20	AFR-A REVERSING VALVE	4.625	2.250	3.00
		21	XO 3-1/2 IF BOX X 4 IF PIN	5.000	2.600	1.00
		22	DRILL COLLARS	6.500	2.812	92.70
		23	XO 4 IF BOX X 3-1/2 IF PIN	5.750	2.600	1.00
	5713.6	24	AFR-M2 SAFETY CIR VALVE	5.030	2.250	7.53
	5730.0	25	LPR-N TESTER VALVE	5.000	2.250	16.40
		26	BIG JOHN JARS	4.625	2.370	5.00
	5743.0	27	BUNDLE CARRIER	5.375	2.250	7.97
	5750.2	28	FUL-FLO HYD CIR VALVE	4.625	2.250	7.22
		29	XO 3-1/2 IF BOX X 3-1/2 FH PIN	4.750	2.375	0.96
		30	FUL-FLO VR SAFETY JOINT	4.625	2.250	4.78
	5757.8	31	RTTS TESTING PACKER	8.150	3.750	5.27
		32	DRILL PIPE	5.000	3.687	31.45
		33	XO 4-1/2 IF BOX X 3-1/2 IF PIN	6.250	2.375	1.00
		34	BUNDLE CARRIER	5.375	2.250	7.97
		35	DRAG BLOCK ASSY	8.150	2.600	2.73
		36	XO 3-1/2 IF BOX X 4-1/2 IF PIN	6.250	2.250	1.00
		37	XO 4-1/2 IF BOX X 3-1/2EUE PIN	6.250	2.875	1.00
BOTTOM OF HOLE	5807.7	38	WIRELINE RE-ENTRY GUIDE	5.750	2.875	0.47

317130

EQUIPMENT LIST

1	SUBSEA TEST TREE	78-EO-80
1	SUBSEA LUBRICATOR VALVE	78-EO-85
2	REEL PACKS	
2	HASKEL PUMPS	
1	CHOKE MANIFOLD	3INCH 10000 PSI 5-VALVE c/w WILLIS positive and adjustable chokes
1	HEATER	2MMBTU GAS FIRED INDIRECT
1	SEPARATOR	1440 PSI 3PHASE
1	TANK	140 BBLS 50 PSI
1	PUMP	2400 BBLS/DAY
2	BURNER	2 X CB-12A

TEST RESULTS

OEC-865-1-C

TEST NUMBER	WELL NAME OR NUMBER	AREA	RATE/BUILD-UP NUMBER	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	BASS STRAIT	ONE	16SEP85	1	1

CUSTOMER	OIL GRAVITY @ 60°F (°API)	GAS SPECIFIC GRAVITY (AIR = 1)	INTERVAL TESTED (FEET)	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	50.50	.85	SEE RECORD 1	14.73 PRESS 60.0 TEMP

DAY / TIME (24 HR CLOCK)	FLOW OR SHUT-IN TIME (HOURS)	WELL HEAD PRESSURE (psi____)	WELL HEAD TEMP (°F)	CHOKE SIZE (64TH INCH)	SEPARATOR PRESSURE (psi____)	BOTTOM HOLE PRESSURE @ DEPTH (FT) (psi____)	BOTTOM HOLE TEMP @ DEPTH (FT) (°F)	CORRECTED GAS FLOW RATE Q_g (____MSCF/D)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	WATER FLOW RATE (BPD)	☐ GOR (MSCF/STO BBL) ☒ OGR (STO BBL/MSCF)	WOR (BBL/STO BBL)	WGR (BBL/MMSCF)	
1 16 2000	2.03	2715	150	30	630	CO2=16% 0.00	0	11351.96	0.00	0.00	0.00	0.00	0.00	1
2 16 2015	2.28	2715	150	30	560	CO2=17.5% 0.00	0	10254.60	0.00	0.00	0.00	0.00	0.00	2
3 16 2030	2.53	2715	151	30	580	CO2=17.5% 0.00	0	10540.50	569.03	0.00	.05398	0.00	0.00	3
4 16 2045	2.78	2715	153	30	570	CO2=12% 0.00	0	10350.38	379.35	0.00	.03665	0.00	0.00	4
5 16 2100	3.03	2715	155	30	570	CO2=12% 0.00	0	10333.93	426.77	312.00	.04129	0.73	30.19	5
6 16 2115	3.28	2715	155	30	565	CO2=12% 0.00	0	10116.71	237.09	0.00	.02343	0.00	0.00	6
7 16 2130	3.53	2715	155	30	565	CO2=12% 0.00	0	10194.34	379.77	237.12	.03725	0.62	23.25	7
8 16 2145	3.78	2720	156	30	565	0.00	0	10229.47	568.71	0.00	.05559	0.00	0.00	8
9 16 2200	4.03	2720	156	30	560	CO2=11.5% 0.00	0	10176.38	379.08	46.07	.03725	0.12	4.52	9
10														10
11														11
12														12
13														13
14														14
15														15
16														16

TOTAL WELL EFFLUENTS PRODUCED

FLOW TIME FROM	FLOW TIME TO	NUMBER FOR RATE	FLOW TIME/END FOR TEST UP TO	NUMBER OF RATE
1945	2200		2200	

GAS (MSCF):	OIL (BBLS):	WATER (BBLS):	GAS (MSCF):	OIL (BBLS):	WATER (BBLS):
974.46	30.62	6.20	974.46	30.62	6.20

3171132

TEST RESULTS

OEC-865-1-C

TEST NUMBER	WELL NAME OR NUMBER	AREA	RATE/BUILD-UP NUMBER	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	BASS STRAIT	TWO	17SEP85	1	1

CUSTOMER	OIL GRAVITY @ 60°F (°API)	GAS SPECIFIC GRAVITY (AIR = 1)	INTERVAL TESTED (FEET)	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	51.20	.863	SEE RECORD 1	14.73 PRESS 60.0 TEMP

	DAY / TIME (24 HR CLOCK)	FLOW OR SHUT-IN TIME (HOURS)	WELL HEAD PRESSURE (PSI ____)	WELL HEAD TEMP (°F)	CHOKE SIZE (64TH INCH)	SEPARATOR PRESSURE (PSI ____)	BOTTOM HOLE PRESSURE @ DEPTH (FT) (PSI ____)	BOTTOM HOLE TEMP @ DEPTH (FT) (°F)	CORRECTED GAS FLOW RATE Q_g (____MSCF/D)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	WATER FLOW RATE (BPD)	☐ GOR (MSCF/STO BBL) ☒ OGR (STO BBL/MSCF)	WOR (BBL/STO BBL)	WGR (BBL/MMSCF)	
1	17 1630	1.08	2250	145	40	750	CO2=7% 0.00	0	14990.17	0.00	0.00	0.00	0.00	0.00	1
2	17 1645	1.33	2265	150	40	750	CO2=7% 0.00	0	15193.22	661.19	0.00	.04351	0.00	0.00	2
3	17 1700	1.58	2270	155	40	750	CO2=8% 0.00	0	15211.10	519.50	0.00	.03415	0.00	0.00	3
4	17 1715	1.83	2285	160	40	750	CO2=9% 0.00	0	15098.36	612.23	0.00	.04054	0.00	0.00	4
5	17 1730	2.08	2285	163	40	750	CO2=8% 0.00	0	15146.31	611.53	288.00	.04037	0.47	19.01	5
6	17 1745	2.33	2300	165	40	750	CO2=8% 0.00	0	15092.32	516.86	115.20	.03424	0.22	7.63	6
7	17 1800	2.58	2300	165	40	720	CO2=8% 0.00	0	15276.21	610.49	79.68	.03996	0.13	5.21	7
8	17 1815	2.83	2315	170	40	720	CO2=8% 0.00	0	15188.62	657.08	16.32	.04326	0.02	1.07	8
9	17 1830	3.08	2320	174	40	730	CO2=8% 0.00	0	15360.35	516.28	25.92	.03361	0.05	1.68	9
10	17 1845	3.33	2325	175	40	730	CO2=9% 0.00	0	15282.97	468.54	3.83	.03065	0.00	0.25	10
11	17 1900	3.58	2330	175	40	730	CO2=8% 0.00	0	15257.59	561.93	13.44	.03682	0.02	0.88	11
12	17 1915	3.83	2335	175	40	730	CO2=8% 0.00	0	15257.59	515.10	1.91	.03376	0.00	0.12	12
13															13
14															14
15															15
16															16

TOTAL WELL EFFLUENTS PRODUCED

FLOW TIME FROM	FLOW TIME TO	NUMBER FOR RATE	FLOW TIME/END FOR TEST UP TO	NUMBER OF RATE
1615	1915		1915	

GAS (MSCF):	OIL (BBLS):	WATER (BBLS):	GAS (MSCF):	OIL (BBLS):	WATER (BBLS):
1899.53	65.11	5.67	1899.53	65.11	5.67

317133

TEST RESULTS

OEC-865-1-C

TEST NUMBER	WELL NAME OR NUMBER	AREA	RATE/BUILD-UP NUMBER	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	BASS STRAIT	ONE	22SEP85	1	1

CUSTOMER	OIL GRAVITY @ 60°F (°API)	GAS SPECIFIC GRAVITY (AIR = 1)	INTERVAL TESTED (FEET)	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	0	.811	1830-1835 MTR	14.73 PRESS 60.0 TEMP

DAY / TIME (24 HR CLOCK)	FLOW OR SHUT-IN TIME (HOURS)	WELL HEAD PRESSURE (PSI)	WELL HEAD TEMP (°F)	CHOKE SIZE (64TH INCH)	SEPARATOR PRESSURE (PSI)	BOTTOM HOLE PRESSURE @ DEPTH (FT) (PSI)	BOTTOM HOLE TEMP @ DEPTH (FT) (°F)	CORRECTED GAS FLOW RATE Q_g (MSCF/D)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	WATER FLOW RATE (BPD)	☒ GOR (MSCF/STO BBL) ☐ OGR (STO BBL/MSCF)	WOR (BBL/STO BBL)	WGR (BBL/MMSCF)	
1 22 1700	4.63	955	160	46	225	BSW = 94% 0.00	0	/ CO2 = 7% 3248.52	0.00	0.00	0.00	0.00	0.00	1
2 22 1715	4.88	960	165	46	225	CO2 = 7% 0.00	0	/ BYPASS SEPARATOR 3625.81	0.00	1551.36	0.00	0.00	427.86	2
3														3
4														4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
13														13
14														14
15														15
16														16

TOTAL WELL EFFLUENTS PRODUCED

FLOW TIME FROM	FLOW TIME TO	NUMBER FOR RATE	FLOW TIME/END FOR TEST UP TO	NUMBER OF RATE
1645	1715		1715	

GAS (MSCF):	OIL (BBLS):	WATER (BBLS):	GAS (MSCF):	OIL (BBLS):	WATER (BBLS):
71.60	0.00	16.16	71.60	0.00	16.16

317134

TEST RESULTS

OEC-865-1-C

TEST NUMBER	WELL NAME OR NUMBER	AREA	RATE/BUILD-UP NUMBER	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	BASS STRAIT	TWO	22SEP85	1	1

CUSTOMER	OIL GRAVITY @ 60°F (°API)	GAS SPECIFIC GRAVITY (AIR = 1)	INTERVAL TESTED (FEET)	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	0	.81	1830-1835 MTR	14.73 PRESS 60.0 TEMP

	DAY / TIME (24 HR CLOCK)	FLOW OR SHUT-IN TIME (HOURS)	WELL HEAD PRESSURE (psi)	WELL HEAD TEMP (°F)	CHOKE SIZE (64TH INCH)	SEPARATOR PRESSURE (psi)	BOTTOM HOLE PRESSURE @ DEPTH (FT) (psi)	BOTTOM HOLE TEMP @ DEPTH (FT) (°F)	CORRECTED GAS FLOW RATE Q_g (MSCF/D)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	WATER FLOW RATE (BPD)	☒ GOR (MSCF/STO BBL) ☐ OGR (STO BBL/MSCF)	WOR (BBL/STO BBL)	WGR (BBL/MMSCF)	
1	22 1915	6.46	1185	154	32	120	CO2 = 7% 0.00	0	2033.87	0.00	201.60	0.00	0.00	99.12	1
2	22 1930	6.71	1185	154	32	125	CO2 = 7% 0.00	0	2124.88	0.00	508.80	0.00	0.00	239.44	2
3	22 1945	6.96	1194	154	32	125	CO2 = 7% 0.00	0	2135.30	0.00	1593.60	0.00	0.00	746.30	3
4	22 2000	7.21	1194	154	32	125	CO2 = 7% 0.00	0	2133.32 / WIRELINE MADE GRADIENT STOPS	0.00	1440.00	0.00	0.00	675.00	4
5	22 2015	7.46	1192	154	32	125	CO2 = 7% 0.00	0	2131.34	0.00	1776.00	0.00	0.00	833.27	5
6	22 2030	7.71	1194	154	32	125	CO2 = 7% 0.00	0	2131.34	0.00	1680.00	0.00	0.00	788.23	6
7	22 2045	7.96	1195	154	32	125	CO2 = 7% 0.00	0	2131.34	0.00	1728.00	0.00	0.00	810.75	7
8	22 2100	8.21	1200	154	32	130	CO2 = 7% 0.00	0	2180.75	0.00	1632.00	0.00	0.00	748.36	8
9	22 2115	8.46	1205	154	32	130	CO2 = 7% 0.00	0	2252.78	0.00	1536.00	0.00	0.00	681.82	9
10	22 2130	8.71	1205	154	32	130	CO2 = 7% 0.00	0	2252.78	0.00	1776.00	0.00	0.00	788.35	10
11	22 2145	8.96	1207	154	32	130	CO2 = 7% 0.00	0	2252.78 / API OIL 43.1 AT 60 DEG.F.	0.00	1564.80	0.00	0.00	694.60	11
12	22 2200	9.21	1210	154	32	130	CO2 = 7% 0.00	0	2252.78 / BYPASS SEPARATOR	0.00	0.00	0.00	0.00	0.00	12
13															13
14															14
15															15
16															16

TOTAL WELL EFFLUENTS PRODUCED

FLOW TIME FROM	FLOW TIME TO	NUMBER FOR RATE	FLOW TIME/END FOR TEST UP TO	NUMBER OF RATE
1900	2200		2200	

GAS (MSCF):	OIL (BBLS):	WATER (BBLS):	GAS (MSCF):	OIL (BBLS):	WATER (BBLS):
270.97	0.00	160.80	270.97	0.00	160.80

31135

TEST RESULTS

OEC-865-1-C

TEST NUMBER	WELL NAME OR NUMBER	AREA	RATE/BUILD-UP NUMBER	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	BASS STRAIT	ONE	040CT85	1	1

CUSTOMER	OIL GRAVITY @ 60°F (°API)	GAS SPECIFIC GRAVITY (AIR = 1)	INTERVAL TESTED (FEET)	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	45.50	.868	1833.1-1833.7 M	14.73 PRESS 60.0 TEMP

DAY / TIME (24 HR CLOCK)	FLOW OR SHUT-IN TIME (HOURS)	WELL HEAD PRESSURE (psi____)	WELL HEAD TEMP (°F)	CHOKE SIZE (64TH INCH)	SEPARATOR PRESSURE (psi____)	BOTTOM HOLE PRESSURE @ DEPTH (FT) (psi____)	BOTTOM HOLE TEMP @ DEPTH (FT) (°F)	CORRECTED GAS FLOW RATE Q_g (____MSCF/D)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	WATER FLOW RATE (BPD)	☒ GOR (MSCF/STO BBL) ☐ OGR (STO BBL/MSCF)	WOR (BBL/STO BBL)	WGR (BBL/MMSCF)	
1 04 0230	10.28	1045	81	16	90	CO2 = 4% 0.00	0	1001.29	0.00	0.00	0.00	0.00	0.00	1
2 04 0245	10.53	1030	81	16	90	CO2 = 4% 0.00	0	853.02	0.00	0.00	0.00	0.00	0.00	2
3 04 0300	10.78	1085	85	16	90	CO2=4% 0.00	0	1091.37	0.00	0.00	0.00	0.00	0.00	3
4 04 0315	11.03	1050	83	16	90	CO2 = 4% 0.00	0	1069.00	0.00	0.00	0.00	0.00	0.00	4
5 04 0330	11.28	1075	85	16	90	CO2 = 4% 0.00	0	1069.00	0.00	0.00	0.00	0.00	0.00	5
6 04 0345	11.53	1100	83	16	90	CO2 = 4% 0.00	0	944.89	0.00	0.00	0.00	0.00	0.00	6
7 04 0400	11.78	1130	85	16	90	CO2 = 4% 0.00	0	973.51	327.77	0.00	2.9700	0.00	0.00	7
8 04 0415	12.03	1160	85	16	90	CO2 = 4% 0.00	0	1038.53	328.30	0.00	3.1633	0.00	0.00	8
9 04 0430	12.28	1210	85	16	90	CO2 = 4% 0.00	0	1040.55	375.60	0.00	2.7703	0.00	0.00	9
10 04 0445	12.53	1200	85	16	90	CO2 = 4% 0.00	0	1138.12	235.24	0.00	4.8379	0.00	0.00	10
11 04 0500	12.78	1210	86	16	90	CO2 = 4% 0.00	0	952.09	282.44	0.00	3.3708	0.00	0.00	11
12 04 0515	13.03	1210	86	16	90	CO2 = 4% 0.00	0	980.00	282.74	0.00	3.4660	0.00	0.00	12
13 04 0530	13.28	1200	86	0	90	0.00	0	980.00	282.74	0.00	3.4660	0.00	0.00	13
14														14
15														15
16														16

TOTAL WELL EFFLUENTS PRODUCED

FLOW TIME FROM	FLOW TIME TO	NUMBER FOR RATE	FLOW TIME/END FOR TEST UP TO	NUMBER OF RATE
0215	0530		0530	

GAS (MSCF):	OIL (BBLS):	WATER (BBLS):	GAS (MSCF):	OIL (BBLS):	WATER (BBLS):
136.78	22.03	0.00	136.78	22.03	0.00

317136

TEST RESULTS

OEC-865-1-C

TEST NUMBER	WELL NAME OR NUMBER	AREA	RATE/BUILD-UP NUMBER	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	BASS STRAIT	ONE	040CT85	1	1

CUSTOMER	OIL GRAVITY @ 60°F (°API)	GAS SPECIFIC GRAVITY (AIR = 1)	INTERVAL TESTED (FEET)	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	50.60	.79	1813-1833.7M	14.73 PRESS 60.0 TEMP

DAY / TIME (24 HR CLOCK)	FLOW OR SHUT-IN TIME (HOURS)	WELL HEAD PRESSURE (psi____)	WELL HEAD TEMP (°F)	CHOKE SIZE (64TH INCH)	SEPARATOR PRESSURE (psi____)	BOTTOM HOLE PRESSURE @ ____ DEPTH (FT) (psi____)	BOTTOM HOLE TEMP @ ____ DEPTH (FT) (°F)	CORRECTED GAS FLOW RATE Q_g (____MSCF/D)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	WATER FLOW RATE (BPD)	☒ GOR (MSCF/STO BBL) ☐ OGR (STO BBL/MSCF)	WOR (BBL/STO BBL)	WGR (BBL/MMSCF)	
1 04 2045	2.24	965	135	80	625	CO2 = 4% 0.00	0	12769.84	0.00	0.00	0.00	0.00	0.00	1
2 04 2100	2.49	970	135	80	625	CO2 = 6% 0.00	0	12122.88	795.30	0.00	15.243	0.00	0.00	2
3 04 2115	2.74	970	135	80	625	CO2 = 6% 0.00	0	12139.33	841.60	37.44	14.423	0.04	3.08	3
4 04 2130	2.99	960	135	80	620	CO2 = 6% 0.00	0	11842.33	841.13	24.95	14.079	0.02	2.10	4
5 04 2145	3.24	950	135	80	620	CO2 = 6% 0.00	0	11842.33	1028.05	7.68	11.519	0.00	0.64	5
6 04 2200	3.49	950	136	80	620	CO2 = 6% 0.00	0	11842.33	793.95	13.43	14.915	0.01	1.13	6
7 04 2215	3.74	955	136	80	625	CO2 = 7% 0.00	0	12090.28	886.34	0.00	13.640	0.00	0.00	7
8 04 2230	3.99	947	138	80	625	CO2 = 7.5% 0.00	0	11863.90	932.46	87.36	12.723	0.09	7.36	8
9 04 2245	4.24	935	138	80	625	CO2 = 7.5% 0.00	0	11879.78	933.52	0.00	12.725	0.00	0.00	9
10 04 2300	4.49	945	138	80	625	CO2 = 7.5% 0.00	0	11879.78	933.52	106.55	12.725	0.11	8.96	10
11 23 2315	4.74	935	138	80	625	CO2 = 7.5% 0.00	0	11879.78	933.52	0.00	12.725	0.00	0.00	11
12 04 2330	4.99	950	138	80	655	CO2 = 7.5% 0.00	0	11508.88	0.00	0.00	0.00	0.00	0.00	12
13 04 2345	5.24	950	138	80	655	CO2 = 7.5% 0.00	0	11508.88	0.00	135.36	0.00	0.00	11.76	13
14 04 2400	5.49	950	138	80	655	CO2 = 7.5% 0.00	0	11538.13	0.00	0.00	0.00	0.00	0.00	14
15 05 0015	5.74	950	138	80	655	CO2 = 7.5% 0.00	0	11538.13	0.00	102.71	0.00	0.00	8.90	15
16														16

TOTAL WELL EFFLUENTS PRODUCED

FLOW TIME FROM	FLOW TIME TO	NUMBER FOR RATE	FLOW TIME/END FOR TEST UP TO	NUMBER OF RATE
2030	0015		0015	

GAS (MSCF): 1856.73 OIL (BBLS): 92.91 WATER (BBLS): 5.37 GAS (MSCF): 1856.73 OIL (BBLS): 92.91 WATER (BBLS): 5.37

3171371

MEASUREMENT BY METER

$$V_o = V_m \; C_f \; k \; (1 - BSW/100)$$

WHERE

V_o = VOLUME OF OIL AT ATMOSPHERIC PRESSURE AND TEMPERATURE (GENERALLY 60°F)

V_m = VOLUME OF OIL REGISTERED BY METER(S) SINCE LAST READING AT SEPARATOR PRESSURE AND TEMPERATURE

C_f = MEASURED CORRECTION FACTOR. IT IS OBTAINED BY CALIBRATING THE METER WITH A TANK DURING THE TEST AND INCLUDES BOTH THE METER FACTOR, M, AND THE WEATHERING FACTOR, W_f. $C_f = M \, W_f$

M = METER FACTOR. IT IS TO CORRECT FOR ANY METER NON LINEARITIES.

W_f = WEATHERING FACTOR = VOLUME OF OIL AT ATMOSPHERIC PRESSURE AND 60°F ÷ VOLUME OF OIL AT SEPARATOR CONDITIONS. NOTE: $W_f = (1-Sh)$, WHERE Sh = OIL SHRINKAGE FROM SEPARATOR TO STOCK TANK CONDITIONS = (VOLUME OF OIL AT SEPARATOR CONDITIONS – VOLUME OF OIL AT ATMOSPHERIC PRESSURE AND 60°F) ÷ VOLUME OF OIL AT SEPARATOR CONDITIONS.

k = TEMPERATURE CORRECTION FACTOR FROM ASTM TABLES (k = 1 FOR AN OIL TEMPERATURE OF 60°F).

BSW = BASIC SEDIMENT AND WATER MEASURED USING API FIELD CENTRIFUGE METHOD = PERCENT OF BASIC SEDIMENT AND WATER VOLUME TO TOTAL VOLUME OF OIL AND BSW.

Q_o = CORRECTED OIL FLOW RATE = V_o ÷ TIME TO PRODUCE THE VOLUME, V_o.

MEASUREMENT IN TANK

$$V_o = V_t \; k \; (1 - BSW/100)$$

V_o, k, BSW, AND Q_o · AS ABOVE

V_t = VOLUME OF OIL MEASURED IN TANK AT TANK TEMPERATURE SINCE LAST READING

OIL FLOW RATE CALCULATIONS-TANK MEASUREMENTS

OEC—871-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR)	PAGE	OF
DST#1	ONE	BASS STRAIT	16SEP85	1	1

CUSTOMER	WELL NAME OR NUMBER	STO GRAVITY (API) @ 60 °F	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	50.50	14.73 PRESS. 60 TEMP.

TANK # 1 CAPACITY (BBLS)	TANK # 1 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 1	TANK # 2 CAPACITY (BBLS)	TANK # 2 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 2
145		1	0		1

	DAY / TIME (24 HR. CLOCK)	FLOW TIME (HOURS)	TANK USED (1 OR 2)	FIELD OIL TANK READINGS (INCHES)	INCREASE IN TANK READINGS SINCE LAST READING (INCHES)	VOLUME BY TANK SINCE LAST READING V_t (BBLS)	TANK TEMP. (°F)	k FROM ASTM TABLES	BSW (%)	CORRECTED OIL VOLUME $V_o = V_t k (1 - BSW/100)$ (STO BBLS)	CORRECTED OIL FLOW RATE Q_o (STO BFD)	CORRECTED GAS FLOW RATE FROM GAS FLOW RATE CALC FORM Q_g (MSCF/D)	X	GOR (MSCF/STO BBL) OGR (STO BBL/MMSCF)	
1	16 2030	2.53	1	59.00	6.00	6.0	82	0.9878	0.00	5.92	569.0	10540.50		53.985	1
2	16 2045	2.78	1	63.00	4.00	4.0	82	0.9878	0.00	3.95	379.3	10350.38		36.651	2
3	16 2100	3.03	1	67.50	4.50	4.5	82	0.9878	0.00	4.44	426.7	10333.93		41.298	3
4	16 2115	3.28	1	70.00	2.50	2.5	82	0.9878	0.00	2.46	237.0	10116.71		23.436	4
5	16 2130	3.53	1	74.00	4.00	4.0	80	0.9890	0.00	3.95	379.7	10194.34		37.253	5
6	16 2145	3.78	1	80.00	6.00	6.0	83	0.9873	0.00	5.92	568.7	10229.47		55.595	6
7	16 2200	4.03	1	84.00	4.00	4.0	83	0.9871	0.00	3.94	379.0	10176.38		37.251	7
8															8
9															9
10															10
11															11
12															12
13															13
14															14
15															15
16															16
17															17
18															18

3171139

OIL FLOW RATE CALCULATIONS-TANK MEASUREMENTS

OEC—871-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR)	PAGE	OF
DST#1	TWO	BASS STRAIT	17SEP85	1	1

CUSTOMER	WELL NAME OR NUMBER	STO GRAVITY (API) @ 60 °F	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	51.20	14.73 PRESS. 60 TEMP.

TANK # 1 CAPACITY (BBLS)	TANK # 1 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 1	TANK # 2 CAPACITY (BBLS)	TANK # 2 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 2
140		1	0		1

	DAY / TIME (HR MN. CLOCK)	FLOW TIME (HOURS)	TANK USED (1 OR 2)	FIELD OIL TANK READINGS (INCHES)	INCREASE IN TANK READINGS SINCE LAST READING (INCHES)	VOLUME BY TANK SINCE LAST READING V_t (BBLS)	TANK TEMP. (°F)	k FROM ASTM TABLES	BSW (%)	CORRECTED OIL VOLUME $V_o = V_t k (1-BSW/100)$ (STO BBLS)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	CORRECTED GAS FLOW RATE FROM GAS FLOW RATE CALC FORM Q_g (MSCF/D)	X	GOR (MSCF/STO BBL) OGR (STO BBL/MMSCF)	
1	17 1645	1.33	1	16.00	7.00	7.0	89	0.9839	0.00	6.88	661.1	15193.22		43.518	1
2	17 1700	1.58	1	21.50	5.50	5.5	89	0.9839	0.00	5.41	519.5	15211.10		34.153	2
3	17 1715	1.83	1	28.00	6.50	6.5	94	0.9811	0.00	6.37	612.2	15098.36		40.549	3
4	17 1730	2.08	1	34.50	6.50	6.5	96	0.9800	0.00	6.37	611.5	15146.31		40.375	4
5	17 1745	2.33	1	40.00	5.50	5.5	98	0.9789	0.00	5.38	516.8	15092.32		34.247	5
6	17 1800	2.58	1	46.50	6.50	6.5	99	0.9783	0.00	6.35	610.4	15276.21		39.963	6
7	17 1815	2.83	1	53.50	7.00	7.0	100	0.9778	0.00	6.84	657.0	15188.62		43.261	7
8	17 1830	3.08	1	59.00	5.50	5.5	100	0.9778	0.00	5.37	516.2	15360.35		33.611	8
9	17 1845	3.33	1	64.00	5.00	5.0	103	0.9761	0.00	4.88	468.5	15282.97		30.657	9
10	17 1900	3.58	1	70.00	6.00	6.0	104	0.9755	0.00	5.85	561.9	15257.59		36.829	10
11	17 1915	3.83	1	75.50	5.50	5.5	104	0.9755	0.00	5.36	515.1	15257.59		33.760	11
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31740

OIL ... RA ... LCU ... ONS: ... MEA ... MEN ...

OEC-871-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR)	PAGE	OF
DST#2A	ONE	BASS STRAIT	040CT85	1	1

CUSTOMER	WELL NAME OR NUMBER	STO GRAVITY (API) @ 60 °F	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	45.50	14.73 PRESS. 60 TEMP.

TANK # 1 CAPACITY (BBLS)	TANK # 1 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 1	TANK # 2 CAPACITY (BBLS)	TANK # 2 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 2
120		1	0		1

DAY / TIME (24 HR. CLOCK)	FLOW TIME (HOURS)	TANK USED (1 OR 2)	FIELD OIL TANK READINGS (INCHES)	INCREASE IN TANK READINGS SINCE LAST READING (INCHES)	VOLUME BY TANK SINCE LAST READING V_t (BBLS)	TANK TEMP. (°F)	k FROM ASTM TABLES	BSW (%)	CORRECTED OIL VOLUME $V_o = V_t k (1 - BSW/100)$ (STO BBLS)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	CORRECTED GAS FLOW RATE FROM GAS FLOW RATE CALC FORM Q_g (MSCF/D)	X	GOR (MSCF/STO BBL) / OGR (STO BBL/MMSCF)	
1 04 0400	11.78	1	4.50	3.50	3.5	107	0.9755	0.00	3.41	327.7	973.51		2.9700	1
2 04 0415	12.03	1	8.00	3.50	3.5	104	0.9770	0.00	3.41	328.3	1038.53		3.1633	2
3 04 0430	12.28	1	12.00	4.00	4.0	102	0.9781	0.00	3.91	375.6	1040.55		2.7703	3
4 04 0445	12.53	1	14.50	2.50	2.5	98	0.9802	0.00	2.45	235.2	1138.12		4.8379	4
5 04 0500	12.78	1	17.50	3.00	3.0	97	0.9807	0.00	2.94	282.4	952.09		3.3708	5
6 04 0515	13.03	1	20.50	3.00	3.0	95	0.9817	0.00	2.94	282.7	980.00		3.4660	6
7 04 0530	13.28	1	23.50	3.00	3.0	95	0.9817	0.00	2.94	282.7	980.00		3.4660	7
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OEC—871-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR)	PAGE	OF
DST#3	ONE	BASS STRAIT	040CT85	1	1

CUSTOMER	WELL NAME OR NUMBER	STO GRAVITY (API) @ 60 °F	STANDARD CONDITIONS
AMOCO AUSTRALIA PETROLEUM LTD	YOLLA #1	50.60	14.73, PRESS. 60 TEMP.

TANK # 1 CAPACITY (BBLS)	TANK # 1 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 1	TANK # 2 CAPACITY (BBLS)	TANK # 2 INSIDE DIMENSIONS (INCHES)	BBLS PER INCH FOR TANK # 2
120		1	0		1

	DAY / TIME (24 HR. CLOCK)	FLOW TIME (HOURS)	TANK USED (1 OR 2)	FIELD OIL TANK READINGS (INCHES)	INCREASE IN TANK READINGS SINCE LAST READING (INCHES)	VOLUME BY TANK SINCE LAST READING V_t (BBLS)	TANK TEMP. (°F)	k FROM ASTM TABLES	BSW (%)	CORRECTED OIL VOLUME $V_o = V_t k (1 - BSW/100)$ (STO BBLS)	CORRECTED OIL FLOW RATE Q_o (STO BPD)	CORRECTED GAS FLOW RATE FROM GAS FLOW RATE CALC FORM Q_g (MSCF/D)	X GOR (MSCF/STO BBL) OGR (STO BBL/MMSCF)	
1	04 2100	2.49	1	22.00	8.50	8.5	106	0.9746	0.00	8.28	795.3	12122.88	15.243	1
2	04 2115	2.74	1	31.00	9.00	9.0	107	0.9740	0.00	8.76	841.6	12139.33	14.423	2
3	04 2130	2.99	1	40.00	9.00	9.0	108	0.9735	0.00	8.76	841.1	11842.33	14.079	3
4	04 2145	3.24	1	51.00	11.00	11.0	108	0.9735	0.00	10.70	1028.0	11842.33	11.519	4
5	04 2200	3.49	1	59.50	8.50	8.5	109	0.9729	0.00	8.27	793.9	11842.33	14.915	5
6	04 2215	3.74	1	69.00	9.50	9.5	111	0.9718	0.00	9.23	886.3	12090.28	13.640	6
7	04 2230	3.99	1	79.00	10.00	10.0	112	0.9713	0.00	9.71	932.4	11863.90	12.723	7
8	04 2245	4.24	1	89.00	10.00	10.0	110	0.9724	0.00	9.72	933.5	11879.78	12.725	8
9	04 2300	4.49	1	99.00	10.00	10.0	110	0.9724	0.00	9.72	933.5	11879.78	12.725	9
10	23 2315	4.74	1	109.00	10.00	10.0	110	0.9724	0.00	9.72	933.5	11879.78	12.725	10
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317142

OTIS

OEC—863-B

METHOD OF CALCULATING GAS FLOW RATES

BASED ON A.G.A. REPORT NO. 3

$$Q_g = C \sqrt{h_w P_f}$$

WHERE

C = Fpv X Fb X Fg X Ftf X Ftb X Fpb X Fr X Y_2 X Fm X UNIT CONVERSION FACTOR

Qg = CORRECTED GAS FLOW RATE
C = ORIFICE FLOW CONSTANT
hw = DIFFERENTIAL PRESSURE ACROSS ORIFICE IN INCHES WATER @ 60°F
Pf = ABSOLUTE STATIC PRESSURE IN psi

AND

Fpv = SUPERCOMPRESSIBILITY FACTOR (CORRECTED FOR N_2, H_2S, AND CO_2 EFFECTS ON FINAL REPORT, (IF DESIRED)
Fb = BASIC ORIFICE FACTOR
Fg = SPECIFIC GRAVITY FACTOR
Ftf = FLOWING TEMPERATURE FACTOR
Ftb = TEMPERATURE BASE FACTOR
Fpb = PRESSURE BASE FACTOR
Fr = REYNOLDS NUMBER FACTOR = 1
Y_2 = EXPANSION FACTOR FOR DOWNSTREAM PRESSURE TAP
Fm = MANOMETER FACTOR = 1
UNIT CONVERSION FACTOR = FACTOR CHANGING FLOW RATE UNITS

WE CAN UNITE Fu = Ftb X Fpb X UNIT CONVERSION FACTOR
(Fu FACTORS ARE GIVEN IN TABLE BELOW FOR DIFFERENT STANDARD CONDITIONS AND FLOW RATE UNITS)

C_1 = Fu X Fg (THEORETICALLY CONSTANT DURING TEST)

C_2 = Fpv X Fb X Ftf X Y_2

THEN C = C_1 X C_2

TABLE OF Fu FACTORS

STANDARD CONDITIONS / RATE OF FLOW UNITS	Cu Ft/HOURS	Cu Ft/DAY	M^3/HOUR	M^3/DAY
14.65 psi 60°F	1.0055	24.1311	0.0285	0.6834
14.73 psi 60°F	1	24	0.0283	0.6797
760 mm Hg 0°C	0.9483	22.7604	0.0269	0.6446
760 mm Hg 15°C	1.0004	24.0094	0.0283	0.6799
750 mm Hg 15°C	1.0137	24.3295	0.0287	0.6890

317143

GAS FLOW RATE CALCULATIONS

OEC—862-1-B

TEST NUMBER	RATE NUMBER	AREA	WELL NAME OR NUMBER	DATE (DAY, MO, YR)	PAGE	OF
DST#1	ONE	BASS STRAIT	YOLLA #1	16SEP85	1	1

CUSTOMER	STANDARD CONDITIONS	ATM. PRESS P_c =	T_c =	MEAS. / EST.	GAS SPECIFIC GRAVITY-G
AMOCO AUSTRALIA PETROLEUM LTD	X 14.73 psi 60°F ☐ OTHER	659.00	436.25	☐ / ☒	0.850

METER TYPE	METER RUN SIZE (INCHES)	FLOW RECORDER TYPE	h_w RANGE (INCHES WATER)	STATIC PRESS RANGE (psi)	F_u TABLE PREV. PAGE	$F_g = \sqrt{1/G}$	$C_1 = F_u \times F_g$
DANIEL SENIOR	5.761	BARTON 202A	0-100	0-1500	24	1.0847	26.0328

	DAY / TIME (24 HR CLOCK)	FLOW TIME (HOURS)	STATIC PRESSURE P_f (psia)	DIFFERENTIAL PRESSURE h_w (INCHES WATER)	DOWN STREAM GAS TEMP. (°F)	$\sqrt{h_w P_f}$	ORIFICE SIZE d (INCHES)	$C_2 = F_b \times F_{tf} \times F_{pv} \times Y_2$					C (C-C₁ X C₂)	CORRECTED GAS FLOW RATE $Q_g = C\sqrt{h_w P_f}$ (MMSCF/D)	
								F_b	F_{tf}	F_{pv}	Y_2	C_2			
1	16 2000	2.03	645	66	72	206.32	3.000	1907.80	0.9886	1.1201	1.0006	2114.017	55033.7	11.351969	1
2	16 2015	2.28	575	62	71	188.81	3.000	1907.80	0.9895	1.1046	1.0006	2086.840	54326.2	10.254600	2
3	16 2030	2.53	595	63	72	193.61	3.000	1907.80	0.9886	1.1083	1.0006	2091.844	54456.5	10.540501	3
4	16 2045	2.78	585	65	86	195.00	3.000	1907.80	0.9759	1.0946	1.0006	2039.484	53093.4	10.350383	4
5	16 2100	3.03	585	65	87	195.00	3.000	1907.80	0.9750	1.0939	1.0006	2036.242	53009.0	10.333933	5
6	16 2115	3.28	580	65	88	194.16	3.000	1907.80	0.9741	1.0922	1.0006	2031.247	52879.0	10.116715	6
7	16 2130	3.53	580	66	88	195.65	3.000	1907.80	0.9741	1.0922	1.0006	2031.267	52879.5	10.194344	7
8	16 2145	3.78	580	66	88	195.65	3.000	1907.80	0.9741	1.0922	1.0006	2031.267	52879.5	10.229477	8
9	16 2200	4.03	575	66	88	194.80	3.000	1907.80	0.9741	1.0913	1.0006	2029.496	52833.4	10.176386	9
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317144

GAS FLOW RATE CALCULATION

OEC—862-1-B

TEST NUMBER	RATE NUMBER	AREA	WELL NAME OR NUMBER	DATE (DAY, MO, YR)	PAGE	OF
DST#1	TWO	BASS STRAIT	YOLLA #1	17SEP85	1	1

CUSTOMER	STANDARD CONDITIONS	ATM. PRESS P_c =	T_c =	MEAS.	GAS SPECIFIC GRAVITY-G
AMOCO AUSTRALIA PETROLEUM LTD	X 14.73 psi 60°F	658.40	440.34	EST. X	0.863

METER TYPE	METER RUN SIZE (INCHES)	FLOW RECORDER TYPE	h_w RANGE (INCHES WATER)	STATIC PRESS RANGE (psi)	F_U TABLE PREV. PAGE	$F_g = \sqrt{1/G}$	$C_1 = F_U \times F_g$
DANIEL SENIOR	5.761	BARTON 202A	0-100	0-1500	24	1.0765	25.8360

	DAY / TIME (24 HR CLOCK)	FLOW TIME (HOURS)	STATIC PRESSURE P_f (psia)	DIFFERENTIAL PRESSURE h_w (INCHES WATER)	DOWN STREAM GAS TEMP. (°F)	$\sqrt{h_w P_f}$	ORIFICE SIZE d (INCHES)	$C_2 = F_b \times F_{tf} \times F_{pv} \times Y_2$					C (C = $C_1 \times C_2$)	CORRECTED GAS FLOW RATE $Q_g = C\sqrt{h_w P_f}$ (MMSCF/D)
								F_b	F_{tf}	F_{pv}	Y_2	C_2		
1	17 1630	1.08	765	69	87	229.74	3.250	2276.51	0.9750	1.1374	1.0005	2525.936	65260.0	14.990179
2	17 1645	1.33	765	72	91	234.69	3.250	2276.51	0.9714	1.1326	1.0005	2506.246	64751.3	15.193222
3	17 1700	1.58	765	73	94	236.31	3.250	2276.51	0.9688	1.1292	1.0005	2491.951	64382.0	15.211108
4	17 1715	1.83	765	73	98	236.31	3.250	2276.51	0.9653	1.1249	1.0005	2473.481	63904.8	15.098366
5	17 1730	2.08	765	74	100	237.92	3.250	2276.51	0.9636	1.1228	1.0005	2464.513	63673.1	15.146317
6	17 1745	2.33	765	74	102	237.92	3.250	2276.51	0.9619	1.1208	1.0005	2455.728	63446.1	15.092321
7	17 1800	2.58	735	80	103	242.48	3.250	2276.51	0.9610	1.1140	1.0006	2438.939	63012.4	15.276214
8	17 1815	2.83	735	80	104	242.48	3.250	2276.51	0.9602	1.1131	1.0006	2434.770	62904.7	15.188626
9	17 1830	3.08	745	81	106	245.65	3.250	2276.51	0.9585	1.1132	1.0006	2430.568	62796.1	15.360359
10	17 1845	3.33	745	81	109	245.65	3.250	2276.51	0.9559	1.1105	1.0006	2418.323	62479.8	15.282976
11	17 1900	3.58	745	81	110	245.65	3.250	2276.51	0.9551	1.1096	1.0006	2414.307	62376.0	15.257593
12	17 1915	3.83	745	81	110	245.65	3.250	2276.51	0.9551	1.1096	1.0006	2414.307	62376.0	15.257593
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317145

GAS W R/ CAL(TIO

OEC—862-1-B

TEST NUMBER	RATE NUMBER	AREA	WELL NAME OR NUMBER	DATE (DAY, MO, YR)	PAGE	OF
DST#2	ONE	BASS STRAIT	YOLLA #1	22SEP85	1	1

CUSTOMER	STANDARD CONDITIONS	ATM. PRESS	P_c =	T_c =		GAS SPECIFIC GRAVITY-G
AMOCO AUSTRALIA PETROLEUM LTD	X 14.73 psi 60°F ☐ OTHER		660.78	423.96	MEAS. ☐ EST. ☒	0.811

METER TYPE	METER RUN SIZE (INCHES)	FLOW RECORDER TYPE	h_w RANGE (INCHES WATER)	STATIC PRESS RANGE (psi)	F_u TABLE PREV. PAGE	$F_g = \sqrt{1/G}$	$C_1 = F_u \times F_g$
DANIEL SENIOR	5.761	BARTON 202A	0-100	0-1500	24	1.1104	26.6496

DAY TIME (24 HR CLOCK)	FLOW TIME (HOURS)	STATIC PRESSURE P_f (psia)	DIFFERENTIAL PRESSURE h_w (INCHES WATER)	DOWN STREAM GAS TEMP. (°F)	$\sqrt{h_w P_f}$	ORIFICE SIZE d (INCHES)	$C_2 = F_b \times F_{tf} \times F_{pv} \times Y_2$					C (C = $C_1 \times C_2$)	CORRECTED GAS FLOW RATE $Q_g = C\sqrt{h_w P_f}$ (MSCF/D)	
							F_b	F_{tf}	F_{pv}	Y_2	C_2			
1 22 1700	4.63	240	40	130	97.97	2.500	1293.83	0.9388	1.0237	1.0010	1244.786	33173.0	3.248529	1
2 22 1715	4.88	240	50	132	109.54	2.500	1293.83	0.9372	1.0234	1.0013	1242.676	33116.8	3.625811	2
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3171446

GAS FLOW RATE CALCULATIONS

OEC—862-1-B

TEST NUMBER	RATE NUMBER	AREA	WELL NAME OR NUMBER	DATE (DAY, MO, YR)	PAGE	OF
DST#2	TWO	BASS STRAIT	YOLLA #1	22SEP85	1	1

CUSTOMER	STANDARD CONDITIONS	ATM. PRESS P_c =	T_c =	MEAS. ☐ EST. ☒	GAS SPECIFIC GRAVITY-G
AMOCO AUSTRALIA PETROLEUM LTD	X 14.73 psi 60°F ☐ OTHER	660.82	423.65		0.810

METER TYPE	METER RUN SIZE (INCHES)	FLOW RECORDER TYPE	h_w RANGE (INCHES WATER)	STATIC PRESS RANGE (psi)	F_u TABLE PREV. PAGE	$F_g = \sqrt{1/G}$	$C_1 = F_u \times F_g$
DANIEL SENIOR	5.761	BARTON 202A	0-100	0-1500	24	1.1111	26.6664

	DAY / TIME (24 HR CLOCK)	FLOW TIME (HOURS)	STATIC PRESSURE P_f (psia)	DIFFERENTIAL PRESSURE h_w (INCHES WATER)	DOWN STREAM GAS TEMP. (°F)	$\sqrt{h_w P_f}$	ORIFICE SIZE d (INCHES)	$C_2 = F_b \times F_{tf} \times F_{pv} \times Y_2$					C (C = $C_1 \times C_2$)	CORRECTED GAS FLOW RATE $Q_g = C\sqrt{h_w P_f}$ M—MSCF/D
								F_b	F_{tf}	F_{pv}	Y_2	C_2		
1	22 1915	6.47	135	70	121	97.21	2.000	816.13	0.9460	1.0137	1.0034	785.370	20943.0	2.033877
2	22 1930	6.72	140	74	124	101.78	2.000	816.13	0.9436	1.0140	1.0034	783.620	20896.3	2.124883
3	22 1945	6.97	140	75	126	102.46	2.000	816.13	0.9420	1.0138	1.0035	782.196	20858.3	2.135306
4	22 2000	7.22	140	75	127	102.46	2.000	816.13	0.9412	1.0137	1.0035	781.470	20838.9	2.133322
5	22 2015	7.47	140	75	128	102.46	2.000	816.13	0.9404	1.0137	1.0035	780.745	20819.6	2.131344
6	22 2030	7.72	140	75	128	102.46	2.000	816.13	0.9404	1.0137	1.0035	780.745	20819.6	2.131344
7	22 2045	7.97	140	75	128	102.46	2.000	816.13	0.9404	1.0137	1.0035	780.745	20819.6	2.131344
8	22 2100	8.22	145	75	128	104.28	2.000	816.13	0.9404	1.0142	1.0033	781.038	20827.4	2.180751
9	22 2115	8.47	145	80	128	107.70	2.000	816.13	0.9404	1.0142	1.0036	781.214	20832.1	2.252780
10	22 2130	8.72	145	80	128	107.70	2.000	816.13	0.9404	1.0142	1.0036	781.214	20832.1	2.252780
11	22 2145	8.97	145	80	128	107.70	2.000	816.13	0.9404	1.0142	1.0036	781.214	20832.1	2.252780
12	22 2200	9.22	145	80	128	107.70	2.000	816.13	0.9404	1.0142	1.0036	781.214	20832.1	2.252780
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31747

GAS WR CAL ATIO

OEC—862-1-B

TEST NUMBER	RATE NUMBER	AREA	WELL NAME OR NUMBER	DATE (DAY, MO, YR)	PAGE	OF
DST#2A	ONE	BASS STRAIT	YOLLA #1	04OCT85	1	1

CUSTOMER	STANDARD CONDITIONS	ATM. PRESS	P_c =	T_c =	MEAS.	GAS SPECIFIC GRAVITY-G
AMOCO AUSTRALIA PETROLEUM LTD	X 14.73 psi 60°F ☐ OTHER		658.17	441.92	EST. ☒	0.868

METER TYPE	METER RUN SIZE (INCHES)	FLOW RECORDER TYPE	h_w RANGE (INCHES WATER)	STATIC PRESS RANGE (psi)	F_u TABLE PREV. PAGE	$F_g = \sqrt{1/G}$	$C_1 = F_u \times F_g$
DANIEL SENIOR	5.761	BARTON 202A	0-100	0-1500	24	1.0733	25.7592

DAY / TIME (24 HR CLOCK)	FLOW TIME (HOURS)	STATIC PRESSURE P_f (psia)	DIFFERENTIAL PRESSURE h_w (INCHES WATER)	DOWN STREAM GAS TEMP. (°F)	$\sqrt{h_w P_f}$	ORIFICE SIZE d (INCHES)	$C_2 = F_b \times F_{tf} \times F_{pv} \times Y_2$					C (C=C₁ X C₂)	CORRECTED GAS FLOW RATE $Q_g = C\sqrt{h_w P_f}$ (M)MSCF/D
							F_b	F_{tf}	F_{pv}	Y_2	C_2		
1 04 0230	10.28	105	38	88	63.16	1.750	621.78	0.9741	1.0148	1.0023	616.147	15871.4	1.00129
2 04 0245	10.53	105	28	95	54.22	1.750	621.78	0.9679	1.0142	1.0017	611.498	15751.7	0.85302
3 04 0300	10.78	105	46	98	69.49	1.750	621.78	0.9653	1.0139	1.0028	610.388	15723.1	1.09137
4 04 0315	11.03	105	45	108	68.73	1.750	621.78	0.9568	1.0131	1.0028	604.485	15571.0	1.06900
5 04 0330	11.28	105	45	108	68.73	1.750	621.78	0.9568	1.0131	1.0028	604.485	15571.0	1.06900
6 04 0345	11.53	105	35	105	60.62	1.750	621.78	0.9593	1.0134	1.0022	605.845	15606.1	0.94489
7 04 0400	11.78	105	37	103	62.32	1.750	621.78	0.9610	1.0135	1.0023	607.091	15638.1	0.97351
8 04 0415	12.03	105	42	102	66.40	1.750	621.78	0.9619	1.0136	1.0026	607.869	15658.2	1.03853
9 04 0430	12.28	105	42	100	66.40	1.750	621.78	0.9636	1.0138	1.0026	609.049	15688.6	1.04055
10 04 0445	12.53	105	50	98	72.45	1.750	621.78	0.9653	1.0139	1.0031	610.542	15727.0	1.13812
11 04 0500	12.78	105	35	96	60.62	1.750	621.78	0.9670	1.0141	1.0022	611.167	15743.1	0.95209
12 04 0515	13.03	105	37	95	62.32	1.750	621.78	0.9679	1.0142	1.0023	611.845	15760.6	0.98000
13 04 0530	13.28	105	37	95	62.32	1.750	621.78	0.9679	1.0142	1.0023	611.845	15760.6	0.98000
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317148

GAS FLOW RATE CALCULATIONS

OEC—862-1-B

TEST NUMBER	RATE NUMBER	AREA	WELL NAME OR NUMBER	DATE (DAY, MO, YR)	PAGE	OF
DST#3	ONE	BASS STRAIT	YOLLA #1	04OCT85	1	1

CUSTOMER	STANDARD CONDITIONS		ATM. PRESS	P_c =	T_c =	MEAS.	GAS SPECIFIC GRAVITY-G
AMOCO AUSTRALIA PETROLEUM LTD	X 14.73 psi 60°F	OTHER		661.74	417.35	EST. X	0.790

METER TYPE	METER RUN SIZE (INCHES)	FLOW RECORDER TYPE	h_w RANGE (INCHES WATER)	STATIC PRESS RANGE (psi)	F_U TABLE PREV. PAGE	$F_g = \sqrt{1/G}$	$C_1 = F_U \times F_g$
DANIEL SENIOR	5.761	BARTON 202A	0-100	0-1500	24	1.1251	27.0024

	DAY / TIME (24 HR CLOCK)	FLOW TIME (HOURS)	STATIC PRESSURE P_f (psia)	DIFFERENTIAL PRESSURE h_w (INCHES WATER)	DOWN STREAM GAS TEMP. (°F)	$\sqrt{h_w P_f}$	ORIFICE SIZE d (INCHES)	$C_2 = F_b \times F_{tf} \times F_{pv} \times Y_2$				C_2	C ($C = C_1 \times C_2$)	CORRECTED GAS FLOW RATE $Q_g = C\sqrt{h_w P_f}$ M MSCF/D
								F_b	F_{tf}	F_{pv}	Y_2			
1	04 2045	2.25	640	64	109	202.38	3.250	2276.51	0.9559	1.0733	1.0005	2337.220	63110.5	12.769845
2	04 2100	2.50	640	58	111	192.66	3.250	2276.51	0.9542	1.0723	1.0005	2330.752	62935.8	12.122888
3	04 2115	2.75	640	58	110	192.66	3.250	2276.51	0.9551	1.0728	1.0005	2333.914	63021.2	12.139336
4	04 2130	3.00	635	56	112	188.57	3.250	2276.51	0.9534	1.0711	1.0005	2326.222	62813.5	11.842338
5	04 2145	3.25	635	56	112	188.57	3.250	2276.51	0.9534	1.0711	1.0005	2326.222	62813.5	11.842338
6	04 2200	3.50	635	56	112	188.57	3.250	2276.51	0.9534	1.0711	1.0005	2326.222	62813.5	11.842338
7	04 2215	3.75	640	58	113	192.66	3.250	2276.51	0.9526	1.0712	1.0005	2324.482	62766.6	12.090280
8	04 2230	4.00	640	56	114	189.31	3.250	2276.51	0.9518	1.0707	1.0004	2321.334	62681.5	11.863906
9	04 2245	4.25	640	56	113	189.31	3.250	2276.51	0.9526	1.0712	1.0004	2324.441	62765.4	11.879787
10	04 2300	4.50	640	56	113	189.31	3.250	2276.51	0.9526	1.0712	1.0004	2324.441	62765.4	11.879787
11	23 2315	4.75	640	56	113	189.31	3.250	2276.51	0.9526	1.0712	1.0004	2324.441	62765.4	11.879787
12	04 2330	5.00	670	50	114	183.03	3.250	2276.51	0.9518	1.0744	1.0004	2329.167	62893.1	11.508884
13	04 2345	5.25	670	50	114	183.03	3.250	2276.51	0.9518	1.0744	1.0004	2329.167	62893.1	11.508884
14	04 2400	5.50	670	50	114	183.03	3.250	2276.51	0.9518	1.0744	1.0004	2329.167	62893.1	11.538131
15	05 0015	5.75	670	50	114	183.03	3.250	2276.51	0.9518	1.0744	1.0004	2329.167	62893.1	11.538131
16														
17														
18														

317149

SURFACE SAMPLE DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#1	TWO	BASS STR	17SEP85	1 2

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS. 60 TEMP.	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1710	A-11039	20 LTR.	EVACUATED	-	COND.	SEPARATOR	750	92	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☒ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2285	160	40	750	92	-	-	-	-	51.2	-	-	-	0.863	1.1249	612.2	40.54	-

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1735	A-5490	20 LTR.	EVACUATED	-	GAS	SEPARATOR	750	100	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☒ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2285	163	40	750	100	-	-	-	-	51.2	-	-	-	0.863	1.1208	15.092	34.24	-

SAMPLE # 3

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1805	A-5786	20 LTR.	EVACUATED	-	COND.	SEPARATOR	720	99	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☒ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2300	165	40	720	99	-	-	-	-	51.2	-	-	-	0.863	1.1131	657.0	43.26	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (H_g) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M\ W_f$.

SAMPLED BY

P.CROSBIE

3171150

SURFACE DATA

OEC-877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#1	TWO	BASS STR	17SEP85	2 | 2

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP.	--	SEE FLD RDGS.

SAMPLE # 4

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1820	A-11021	20 LTR.	EVACUATED	-	GAS	SEPARATOR	720	104	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	GOR ☒ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2315	170	40	720	104	-	-	-	-	51.2	-	-	-	0.87	1.1132	15.360	33.61	-

SAMPLE # 5

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1845	A-12530	20 LTR.	EVACUATED	-	COND.	SEPARATOR	730	103	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2325	175	40	730	103	-	-	-	-	51.2	-	-	-	0.870	1.1105	468.5	30.65	-

SAMPLE # 6

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1900	A-11019	20 LTR.	EVACUATED	-	GAS	SEPARATOR	730	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
2330	175	40	730	110	-	-	-	-	51.2	-	-	-	0.870	1.1096	15.257	36.82	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M\ W_f$.

SAMPLED BY

P.CROSBIE

31753

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE	OF
DST#2	ONE	BASS STR	22SEP85	1	1

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
–	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP.	–	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1700	OT-125T	500 CC.	EVACUATED	–	GAS	SEPARATOR	225	130	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
955	160	46	225	130	–	–	–	–	48.0	–	–	–	0.81	1.0237	3.248	–	1547

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
1710	A-12527	20 LTR.	EVACUATED	–	GAS	SEPARATOR	225	130	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
960	165	46	225	130	–	–	–	–	48.0	–	–	–	0.811	1.0237	3.248	–	1547

SAMPLE

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M\ W_f$.

SAMPLED BY

P.CROSBIE

3171152

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2	TWO	BASS STR	22SEP85	1 2

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2100	OT-049T	500 CC.	EVACUATED	-	GAS	SEPARATOR	130	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1200	154	32	130	128	-	-	-	-	-	-	-	-	0.802	1.0142	2.180	-	1632

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2120	A-11585	20 LTR.	EVACUATED	-	GAS	SEPARATOR	130	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1205	154	32	130	128	-	-	-	-	-	-	-	-	0.802	1.0036	2.252	-	1536

SAMPLE # 3

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2045	A-12560	20 LTR.	EVACUATED	-	GAS	SEPARATOR	125	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1195	154	32	125	128	-	-	-	-	-	-	-	-	0.802	1.0137	2.131	-	1728

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M\ W_f$.

SAMPLED BY G.PETTY/Y.K.CHOY

21753

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2	TWO	BASS STR	22SEP85	2 | 2

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
–	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS. 60 TEMP	–	SEE FLD. RDGS.

SAMPLE # 4

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2140	W3-587	1 GAL.	EVACUATED	–	GAS	SEPARATOR	130	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1207	154	32	130	128	–	–	–	–	–	–	–	–	0.802	1.0142	2.252	–	1565

SAMPLE # 5

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2150	W3-552	1 GAL.	EVACUATED	–	GAS	SEPARATOR	130	128	14.73	55	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1210	154	32	130	128	–	–	–	–	–	–	–	–	0.802	1.0142	2.252	–	–

SAMPLE

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M\ W_f$.

SAMPLED BY

G.PETTY/Y.K.CHOY

3171454

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2A	ONE	BASS STR	040CT85	1 | 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS. 60 TEMP.	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0345	A-12459	20 LTR.	EVACUATED	-	GAS	SEPARATOR	90	103	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
1100	83	16	90	-	-	-	-	-	-	-	-	-	0.86	1.0134	0.944	-	-

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0410	OT-066T	500 CC.	EVACUATED	-	OIL	SEPARATOR	90	107	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
1160	85	16	90	-	-	-	-	-	45.5	-	-	-	0.86	-	328.3	3.163	-

SAMPLE # 3

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0410	A-11587	20 LTR.	EVACUATED	-	GAS	SEPARATOR	90	102	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
1160	85	16	90	102	-	-	-	-	-	-	-	-	0.87	1.0136	1.038	3.163	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M\ W_f$.

SAMPLED BY

P.CROSBIE

3147 53

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2A	ONE	BASS STR	040CT85	2 | 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	-	SEE FLD. RDGS.

SAMPLE # 4

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0430	A-8659	20 LTR.	EVACUATED	-	GAS	SEPARATOR	90	100	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1210	85	16	90	100	-	-	-	-	-	-	-	-	-	1.0138	1.040	2.770	-

SAMPLE # 5

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0430	OT-152T	500 CC.	EVACUATED	-	OIL	SEPARATOR	90	102	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1210	85	16	90	102	-	-	-	-	45.5	-	-	-	-	-	375.6	2.770	-

SAMPLE # 6

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0450	A-11636	20 LTR.	EVACUATED	-	OIL	SEPARATOR	90	97	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
1210	86	16	90	97	-	-	-	-	45.5	-	-	-	0.86	-	282.4	3.370	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_t IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_t, AND METER NONLINEARITY EFFECTS, M. $C_t = M\ W_t$.

SAMPLED BY

P.CROSBIE

31,156

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#2A	ONE	BASS STR	040CT85	3 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS. 60 TEMP.	-	SEE FLD. RDGS.

SAMPLE # 7

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0515	W3A-3990	1 GAL.	EVACUATED	-	GAS	SEPARATOR	90	95	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
1210	86	16	90	95	-	-	-	-	-	-	-	-	0.87	1.0142	0.980	3.466	-

SAMPLE # 8

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0515	W3A-4166	1 GAL.	EVACUATED	-	OIL	SEPARATOR	90	95	14.73	60	10

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
1210	86	16	90	95	-	-	-	-	45.5	-	-	-	-	-	282.7	3.466	-

SAMPLE

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{pv}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☐ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M\ W_f$.

SAMPLED BY

P.CROSBIE

3147

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#3	ONE	BASS STR	040CT85	1 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS. 60 TEMP.	-	SEE FLD. RDGS.

SAMPLE # 1

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2225	A-8626	20 LTR.	EVACUATED	-	GAS	SEPARATOR	625	114	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
947	138	80	625	114	-	-	-	-	50.6	-	-	-	0.79	1.0707	11.863	12.72	-

SAMPLE # 2

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2225	OT-228T	500 CC.	EVACUATED	-	OIL	SEPARATOR	625	112	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
947	138	80	625	-	-	-	-	-	50.6	-	-	-	0.79	-	932.4	12.72	-

SAMPLE # 3

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH (b) SAMPLE	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2250	A-11627	20 LTR.	EVACUATED	-	GAS	SEPARATOR	625	113	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
935	138	80	625	113	-	-	-	-	50.6	-	-	-	0.79	1.0712	11.879	12.72	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_t IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_t, AND METER NONLINEARITY EFFECTS, M. $C_t = M \cdot W_t$.

SAMPLED BY: P.CROSBIE

1-1458

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#3	ONE	BASS SIR	040CT85	2 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS. 60 TEMP.	-	SEE FLD. RDGS.

SAMPLE # 4

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2250	OT-035T	500 CC.	EVACUATED	-	OIL	SEPARATOR	625	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
935	138	80	625	110	-	-	-	-	50.6	-	-	-	0.79	-	933.5	12.72	-

SAMPLE # 5

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2315	A-11032	20 LTR.	EVACUATED	-	GAS	SEPARATOR	625	113	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
935	138	80	625	113	-	-	-	-	-	-	-	-	0.79	1.0712	11.879	12.72	-

SAMPLE # 6

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2315	OT-069T	500 CC.	EVACUATED	-	OIL	SEPARATOR	625	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_t (c)	OIL W_t (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☒ SEP. COND. (BPD)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL)	WATER FLOW RATE (BPD)
935	138	80	625	110	-	-	-	-	50.6	-	-	-	-	-	933.5	12.72	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).
(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.
(c) C_t IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_t, AND METER NONLINEARITY EFFECTS, M. $C_t = M\ W_t$.

SAMPLED BY: P.CROSBIE

31/159

SURFACE SAMPLING DATA

OEC—877-1-B

TEST NUMBER	RATE NUMBER	AREA	DATE (DAY MO YR.)	PAGE OF
DST#3	ONE	BASS STR	04-050CT85	3 3

CUSTOMER	WELL NAME OR NUMBER	FIELD	FORMATION
AMOCO AUSTRALIA PETR. LTD.	YOLLA #1	WILDCAT	SANDSTONE

ELEVATION (FEET)	STANDARD CONDITIONS	TIME WELL FLOWING OR SHUT IN BEFORE SAMPLING	INTERVAL TESTED (FEET)
-	☐ 14.73 psi 60°F ☐ OTHER 14.73 PRESS 60 TEMP	--	SEE FLD. RDGS.

SAMPLE # 7

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
2335	A-5754	20 LTR.	EVACUATED	-	OIL	SEPARATOR	655	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☒ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☒ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
950	138	80	655	110	-	-	-	-	50.6	-	-	-	--	--	933.5	12.72	--

SAMPLE # 8

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0005	W3A-3581	1 GAL.	EVACUATED	-	GAS	SEPARATOR	655	114	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☐ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
950	138	80	655	114	-	-	-	-	50.6	-	-	-	0.79	1.0744	11.538	-	-

SAMPLE # 9

TIME TAKEN	CONTAINER #	CONTAINER VOL. (cc) or (gal)	INITIALLY FILLED WITH (a)	VOL. OF FILL REMAINING WITH SAMPLE (b)	SAMPLE TYPE	SAMPLE TAKEN AT	SAMPLING PRESSURE (psig)	SAMPLING TEMP. (°F)	ATMOSPHERIC PRESS. (psi)	ATMOS. TEMP. (°F)	TIME TO TAKE SAMPLE (min)
0005	W3A-1808	1 GAL.	EVACUATED	-	OIL	SEPARATOR	655	110	14.73	60	15

FIELD READINGS AND FACTORS USED

WELL HEAD PRESS. (psig)	WELL HEAD TEMP. (°F)	CHOKE SIZE (64th INCH)	HI STAGE SEP. PRESS. (psig)	HI STAGE SEP. TEMP. (°F)	LO STAGE SEP. PRESS. (psig)	LO STAGE SEP. TEMP. (°F)	BOTTOM HOLE PRESS. (psig) @ FT	BOTTOM HOLE TEMP. (°F) @ FT	OIL GRAVITY @ 60 °F (°API)	OIL BSW (%)	OIL C_f (c)	OIL W_f (c)	GAS GRAVITY (AIR=1)	GAS F_{PV}	TOTAL GAS/OIL FLOW RATE AT ☐ STOCK TANK ☒ SEP. COND. (BPD) (MMCF/D)	☒ GOR ☐ OGR ☐ STOCK TANK ☐ SEP. COND. (MCF/BBL) (BBL/MMCF)	WATER FLOW RATE (BPD)
950	138	80	655	110	-	-	-	-	50.6	-	-	-	0.79	-	933.5	12.72	-

(a) CONTAINER MAY BE INITIALLY FILLED WITH WATER OR MERCURY (Hg) OR BE EVACUATED (VACUUM).

(b) VOLUME OF WATER OR MERCURY LEFT WITH WELL EFFLUENT SAMPLE.

(c) C_f IS MEASURED CORRECTION FACTOR FOR CORRECTING OIL VOLUME FROM SEPARATOR TO STOCK TANK CONDITIONS. IT INCLUDES WEATHERING FACTOR, W_f, AND METER NONLINEARITY EFFECTS, M. $C_f = M \cdot W_f$.

SAMPLED BY

P. CRIGHTON

21,460

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	1440PSI SEPARATOR	15SEP85	1	6

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W,	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($_{IN\ H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 15 2000	0.00	INTERVAL TESTED = 2809-2814/2818-2824.5 METRES																	
2 15 2000	0.00	TEST STRING RAN IN HOLE																	
3 15 2126	1.43	SET PACKER AT 9055 FEET																	
4 16 0315	7.24	DISPLACED TEST STRING WITH 149 BBLS OF DIESEL																	
5 16 1212	16.19	HP GAUGE RAN IN HOLE																	
6 16 1337	-17.61	PRESSURED UP ANNULUS TO OPEN LPR TOOL 0	50	1470	0.0	0	0												
7 16 1339	0.03	780	50	1470	0.0	0	0												
8 16 1342	0.08	800	50	1470	0.0	0	0												
9 16 1343	0.09	810	52	1470	0.0	0	0												
10 16 1345	0.13	820	52	1470	0.0	0	0												
11 16 1349	0.19	WELL OPENED TO TANK ON 24/64" ADJUSTABLE CHOKE 650	52	1470	0.0	0	24												
12 16 1350	0.21	500	52	1470	0.0	0	24												
13 16 1351	0.23	460	53	1470	0.0	0	24												
14 16 1352	0.24	WELL SHUT-IN AT CHOKE MANIFOLD 800	56	1470	0.0	0	0												
15 16 1353	0.01	800	55	1470	0.0	0	0												
16 16 1354	0.03	800	55	1470	0.0	0	0												
17 16 1355	0.04	810	55	1470	0.0	0	0												

31/7161

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	1440PSI SEPARATOR	16SEP85	2	6

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS H2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) (IN)	(64TH) (IN)	(INS)	(PSIG)	(IN_{H_2O})	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 16 1356	0.06	810	55	1470	0.0	0	0												
2 16 1357	0.08	820	55	1450	0.0	0	0												
3 16 1358	0.09	820	55	1450	0.0	0	0												
4 16 1403	0.18	825	54	1470	0.0	0	0												
5 16 1408	0.26	840	54	1470	0.0	0	0												
6 16 1413	0.34	845	53	1470	0.0	0	0												
7 16 1418	0.43	850	53	1470	0.0	0	0												
8 16 1423	0.51	850	53	1470	0.0	0	0												
9 16 1428	0.59	850	52	1470	0.0	0	0												
10 16 1433	0.68	855	51	1460	0.0	0	0												
11 16 1448	0.93	865	47	1450	0.0	0	0												
12 16 1503	1.18	870	47	1450	0.0	0	0												
13 16 1513	1.34	870	47	1450	0.0	0	0												
14 16 1518	1.43	875	47	1450	0.0	0	0												
15 16 1523	1.51	875	46	1450	0.0	0	0												
16 16 1529	1.61	OPENED WELL ON 12/64" ADJUSTABLE CHOKE 775	54	1450	0.0	0	0												
17 16 1530	0.01	760	55	1485	0.0	0	12												

21162

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	1440PSI SEPARATOR	16SEP85	3	6

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS. H_2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W,	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS. OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS. OR BBL)	(%)
1 16																			1
1531	0.03	730	65	1485	0.0	0	12												
2 16																			2
1532	0.04	750	70	1485	0.0	0	12												
3 16																			3
1533	0.06	780	72	1500	0.0	0	12												
4 16																			4
1535	0.09	920	80	1550	0.0	0	12												
5 16																			5
1540	0.18	1050	87	1600	0.0	0	12												
6 16																			6
1545	0.26	1245	93	1630	0.0	0	12												
7 16																			7
1550	0.34	1370	97	1630	0.0	0	12												
8 16		CHANGED TO 14/64" ADJUSTABLE CHOKE																	8
1555	0.43	1695	105	1630	0.0	0	14												
9 16		CHANGED TO 16/64" ADJUSTABLE CHOKE																	9
1600	0.51	1750	107	1600	0.0	0	16												
10 16		CHANGED TO 18/64" ADJUSTABLE CHOKE																	10
1604	0.58																		
11 16		CHANGED TO 14/64" ADJUSTABLE CHOKE																	11
1610	0.68	2300	135	1650	0.0	0	14												
12 16		CO2=11% H2S=0%																	12
1615	0.76	2650	135	1730	0.0	0	14												
13 16																			13
1620	0.84	2650	135	1730	0.0	0	14												
14 16																			14
1625	0.93	2670	133	1745	0.0	0	14												
15 16		CO2=15% H2S=0%																	15
1630	1.01	2690	133	1615	0.0	0	14												
16 16																			16
1643	1.23	2750	123	1700	0.0	0	14												
17 16		CHANGED TO 16/64" ADJUSTABLE CHOKE																	17
1644	1.24	2750	123	1700	0.0	0	16												

Computer-Forms Tester Moore

317163

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	1440PSI SEPARATOR	16SEP85	4	6

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS.	DIFF PRESS.	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1	16		CHANGED TO 18/64" ADJUSTABLE CHOKE																	
	1645	1.26	2700	123	1740	0.0	0	18												
2	16		CHANGED TO 20/64" ADJUSTABLE CHOKE																	
	1647	1.29	2700	123	1500	0.0	0	20												
3	16		CHANGED TO 24/64" ADJUSTABLE CHOKE																	
	1648	1.31	2690	124	1550	0.0	0	24												
4	16		CHANGED TO 28/64" ADJUSTABLE CHOKE																	
	1649	1.33	2660	126	1600	0.0	0	28												
5	16		CHANGED TO 30/64" ADJUSTABLE CHOKE																	
	1651	1.36	2650	128	1650	0.0	0	30												
6	16																			
	1700	1.51	2650	135	1670	0.0	0	30												
7	16		CHANGED TO 30/64" POSITIVE CHOKE																	
	1705	1.59	2745	135	1670	0.0	0	30												
8	16		CO2=13.5% H2S=0%																	
	1715	1.76	2820	135	1620	0.0	0	30												
9	16																			
	1730	2.01	2835	140	1620	0.0	0	30												
10	16		SHUT-IN WELL AT LPR VALVE DUE TO																	
	1731	2.03																		
11	16		GAS AT THE SHAKERS																	
	1731	2.03																		
12	16		PRESSURED UP ANNULUS TO 1500PSI TO OPEN LPR-N																	
	1758	0.45																		
13	16		WELL OPENED THROUGH 12/64" ADJUSTABLE CHOKE																	
	1759	0.01																		
14	16																			
	1800	0.03	1200	105	1500	0.0	0	12												
15	16																			
	1801	0.04	1210	105	1500	0.0	0	12												
16	16																			
	1802	0.06	1250	105	1550	0.0	0	12												
17	16																			
	1803	0.08	1350	108	1550	0.0	0	12												

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	1440PSI SEPARATOR	16SEP85	5	6

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	(IN_{H_2O})	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 16 1804	0.09	1500	110	1600	0.0	0	12												
2 16 1805	0.11	1700	120	1600	0.0	0	12												
3 16 1810	0.19	2425	125	1650	0.0	0	12												
4 16 1815	0.28	2670	130	1720	0.0	0	12												
5 16 1820	0.36	2770	132	1500	0.0	0	12												
6 16		CHANGED TO 24/64" ADJUSTABLE CHOKE																	
1824	0.43	2770	132	1500	0.0	0	24												
7 16 1825	0.44	2700	132	1500	0.0	0	24												
8 16		CHANGED TO 30/64" POSITIVE CHOKE																	
1827	0.48	2650	132	1500	0.0	0	30												
9 16 1828	0.49	2640	132	1550	0.0	0	30												
10 16		FLOW DIVERTED THROUGH SEPARATOR																	
1829	0.51	2630	135	1550	0.0	0	30												
11 16 1830	0.53	2660	135	1585	0.0	0	30												
12 16 1835	0.61	2680	137	1585	0.0	0	30												
13 16 1840	0.69	2680	137	1585	0.0	0	30												
14 16 1845	0.78	2680	137	1670	0.0	0	30												
15 16 1850	0.86	2680	137	1670	0.0	0	30												
16 16 1855	0.94	2695	137	1670	0.0	0	30												
17 16 1900	1.03	2695	140	1730	0.0	0	30												

C17463

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	1440PSI SEPARATOR	16SEP85	6	6

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME	WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY / 24 HOUR CLOCK	FLOW OR SHUT-IN DURATION (HOURS)	TUBING PRESS (PSIG)	TEMP (°F)	CASING PRESS (PSIG)	B H P (PSIG)	B H T (°F)	MAN CHOKE (64TH IN)	HEATER CHOKE (64TH IN)	ORIFICE SIZE (INS)	STATIC PRESS (PSIG)	DIFF PRESS ($_{H_2O}^{IN}$)	TEMP (°F)	GAS GRAVITY (AIR=1) / % H_2S	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	# 1 OIL TEMP / # 2 OIL TEMP (°F)	OIL GRAVITY @ 60°F API	W_t BSW (%)	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	SALINITY (%)
1 16 / 1915	1.28	2700	142	1590	0.0	0	30					1							1
2 16 / 1930	1.53	2710	145	1650	0.0	0	30					2							2
3 16 / 1945	1.78	2715	146	1715	0.0	0	30					3							3
4 16 / 2000	2.03	CO2=16% 2715	150	1540	0.0	0	30	0	3.000	630	66	72	0.850 / 0.000	0.00 / 0.00	0 / 0	0.00	1.00 / 0.00	0.00 / 0.00	4 / 0.00
5 16 / 2015	2.28	CO2=17.5% 2715	150	1595	0.0	0	30	0	3.000	560	62	71	0.850 / 0.000	53.00 / 0.00	0 / 0	0.00	1.00 / 0.00	0.00 / 0.00	5 / 0.00
6 16 / 2030	2.53	CO2=17.5% 2715	151	1650	0.0	0	30	0	3.000	580	63	72	0.850 / 0.000	59.00 / 0.00	82 / 0	50.50	1.00 / 0.00	0.00 / 0.00	6 / 0.00
7 16 / 2045	2.78	CO2=12% 2715	153	1700	0.0	0	30	0	3.000	570	65	86	0.850 / 0.000	63.00 / 0.00	82 / 0	50.50	1.00 / 0.00	0.00 / 0.00	7 / 0.00
8 16 / 2100	3.03	CO2=12% 2715	155	1730	0.0	0	30	0	3.000	570	65	87	0.850 / 0.000	67.50 / 0.00	82 / 0	50.50	1.00 / 0.00	3.25 / 0.00	8 / 0.00
9 16 / 2115	3.28	CO2=12% 2715	155	1540	0.0	0	30	0	3.000	565	65	88	0.875 / 0.000	70.00 / 0.00	82 / 0	50.50	1.00 / 0.00	0.00 / 0.00	9 / 0.00
10 16 / 2130	3.53	CO2=12% 2715	155	1595	0.0	0	30	0	3.000	565	66	88	0.875 / 0.000	74.00 / 0.00	80 / 0	50.50	1.00 / 0.00	5.72 / 0.00	10 / 0.00
11 16 / 2145	3.78	2720	156	1620	0.0	0	30	0	3.000	565	66	88	0.869 / 0.000	80.00 / 0.00	83 / 0	50.50	1.00 / 0.00	0.00 / 0.00	11 / 0.00
12 16 / 2200	4.03	CO2=11.5% 2720	156	1650	0.0	0	30	0	3.000	560	66	88	0.869 / 0.000	84.00 / 0.00	83 / 0	51.60	1.00 / 0.00	6.20 / 0.00	12 / 0.00
13 16 / 2207	4.14	WELL SHUT-IN AT LPR AND SURFACE SAFETY VALVE DUE										13							13
14 16 / 2207	4.14	TO LEAKING CHIKSAN. END OF RATE #1										14							14
15												15							15
16												16							16
17												17							17

317166

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO. YR.)	PAGE	OF
DST#1	YOLLA #1	1440PSI 3PHASE SEPARATOR	17SEP85	1	4

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0	–

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W,	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	(IN_{H_2O})	(°F)	% H,S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F API	BSW (%)	# 2 TANK OR METER READING (INS. OR BBL)	(%)
1	17		INTERVAL TESTED = 2809-2814/2818-2824.5 METRES																	
	1500	0.00																		
2	17		OPENED MASTER VALVE FOR START OF RATE #2																	
	1500	0.00	2150	50	0	0.0	0	0												
3	17																			
	1501	0.01	2100	50	0	0.0	0	0												
4	17																			
	1502	0.03	2100	50	0	0.0	0	0												
5	17																			
	1503	0.04	2100	50	0	0.0	0	0												
6	17		ANNULUS PRESSURIZED TO OPEN LPR TOOL																	
	1514	0.23	2350	55	1500	0.0	0	0												
7	17		WELL OPENED TO GAS FLARE ON 12/64" ADJ CHOKE																	
	1515	0.01	2370	60	1470	0.0	0	12												
8	17																			
	1516	0.03	2370	60	1470	0.0	0	12												
9	17																			
	1517	0.04	2450	61	1470	0.0	0	12												
10	17																			
	1518	0.06	2550	62	1470	0.0	0	12												
11	17																			
	1519	0.08	2650	62	1470	0.0	0	12												
12	17		SURFACE SAFETY VALVE ACTIVATED TO																	
	1520	0.09																		
13	17		SHUT-IN WELL DUE TO HYDRATE FORMATION EFFECTING																	
	1520	0.09																		
14	17		SURFACE FLOWLINES																	
	1520	0.09																		
15	17		WELL OPENED TO FLARE ON 40/64" ADJUSTABLE CHOKE																	
	1525	0.08	2650	65	1530	0.0	0	40												
16	17																			
	1526	0.01	2450	65	1530	0.0	0	40												
17	17																			
	1527	0.03	2250	75	1530	0.0	0	40												

LITHOGRAPHED IN AUSTRALIA

31716

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	1440PSI 3PHASE SEPARATOR	17SEP85	2	4

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	(IN_{H_2O})	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 17 1528	0.04	2120	90	1530	0.0	0	40												
2 17 1529	0.06	2000	95	1550	0.0	0	40												
3 17 1530	0.08	1940	96	1550	0.0	0	40												
4 17 1532	0.11	SLUG OF CONDENSATE AT SURFACE 1940	96	1550	0.0	0	40												
5 17 1535	0.16	CHANGED TO 40/64" POSITIVE CHOKE 1940	108	1610	0.0	0	40												
6 17 1536	0.18	1940	110	1610	0.0	0	40												
7 17 1537	0.19	1920	110	1610	0.0	0	40												
8 17 1538	0.21	2000	110	1610	0.0	0	40												
9 17 1539	0.23	2010	113	1610	0.0	0	40												
10 17 1540	0.24	2045	113	1500	0.0	0	40												
11 17 1545	0.33	2095	115	1575	0.0	0	40												
12 17 1550	0.41	2180	125	1640	0.0	0	40												
13 17 1555	0.49	FLOW DIVERTED THROUGH SEPARATOR 2190	125	1685	0.0	0	40												
14 17 1600	0.58	2210	127	1730	0.0	0	40												
15 17 1605	0.66	2210	130	1570	0.0	0	40												
16 17 1610	0.74	2230	133	1570	0.0	0	40												
17 17 1615	0.83	2230	135	1696	0.0	0	40												

Computer-Forms Topper Floors

3171168

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO. YR.)	PAGE	OF
DST#1	YOLLA #1	1440PSI 3PHASE SEPARATOR	17SEP85	3	4

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 "	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1	17		CO2=7%											0.863	9.00	0		1.00	0.00	
	1630	1.08	2250	145	1635	0.0	0	40	0	3.250	750	69	87	0.000	0.00	0	0.00	0.00	0.00	0.00
2	17		CO2=7%											0.863	16.00	89		1.00	0.00	
	1645	1.33	2265	150	1500	0.0	0	40	0	3.250	750	72	91	0.000	0.00	0	51.20	0.00	0.00	0.00
3	17		CO2=8%											0.863	21.50	89		1.00	0.00	
	1700	1.58	2270	155	1620	0.0	0	40	0	3.250	750	73	94	0.000	0.00	0	51.20	0.00	0.00	0.00
4	17		CO2=9%											0.863	28.00	94		1.00	0.00	
	1715	1.83	2285	160	1720	0.0	0	40	0	3.250	750	73	98	0.000	0.00	0	51.20	0.00	0.00	0.00
5	17		CO2=8%											0.863	34.50	96		1.00	3.00	
	1730	2.08	2285	163	1560	0.0	0	40	0	3.250	750	74	100	0.000	0.00	0	51.20	0.00	0.00	0.00
6	17		CO2=8%											0.863	40.00	98		1.00	4.20	
	1745	2.33	2300	165	1650	0.0	0	40	0	3.250	750	74	102	0.000	0.00	0	51.20	0.00	0.00	0.00
7	17		CO2=8%											0.863	46.50	99		1.00	5.03	
	1800	2.58	2300	165	1710	0.0	0	40	0	3.250	720	80	103	0.000	0.00	0	51.20	0.00	0.00	0.00
8	17		CO2=8%											0.870	53.50	100		1.00	5.20	
	1815	2.83	2315	170	1540	0.0	0	40	0	3.250	720	80	104	0.000	0.00	0	51.20	0.00	0.00	0.00
9	17		CO2=8%											0.870	59.00	100		1.00	5.47	
	1830	3.08	2320	174	1600	0.0	0	40	0	3.250	730	81	106	0.000	0.00	0	51.20	0.00	0.00	0.00
10	17		CO2=9%											0.870	64.00	103		1.00	5.51	
	1845	3.33	2325	175	1645	0.0	0	40	0	3.250	730	81	109	0.000	0.00	0	51.20	0.00	0.00	0.00
11	17		CO2=8%											0.870	70.00	104		1.00	5.65	
	1900	3.58	2330	175	1705	0.0	0	40	0	3.250	730	81	110	0.000	0.00	0	51.20	0.00	0.00	0.00
12	17		CO2=8%											0.870	75.50	104		1.00	5.67	
	1915	3.83	2335	175	1500	0.0	0	40	0	3.250	730	81	110	0.000	0.00	0	51.20	0.00	0.00	0.00
13	17		BYPASS SEPARATOR																	
	1924	3.98	2335	175	1500	0.0	0	40												
14	17		WELL SHUT-IN AT SURFACE SAFETY VALVE AND																	
	1930	4.08	2345	175	1500	0.0	0	0												
15	17		SURFACE LINES BLED DOWN																	
	1930	4.08																		
16	17		EQUALIZED PRESSURE ACROSS KILL LINE VALVE																	
	1940	0.16																		
17	17		KILL LINE VALVE OPENED																	
	1945	0.24																		

Computer Forms Taylor Forms

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#1	YOLLA #1	1440PSI 3PHASE SEPARATOR	17SEP85	4	4

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
SEE RECORD 1 (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W,	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	(IN H_2O)	(°F)	% H,S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 17 1945	0.24	BULLHEAD FORMATION FLUID BACK DOWN STRING																	
2 17 1945	0.24	END OF DST #1																	
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	21SEP85	1	8

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	($_{IN}_{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1	21 1114	0.00	TEST STRING RAN IN HOLE. PACKER SET AT 5822 FEET																	
2	21 2145	10.51	TEST STRING DISPLACED WITH 91 BBLS OF DIESEL																	
3	22 0330	16.26	PERFORATING GUNS RAN IN THE HOLE																	
4	22 0437	17.38	LPR VALVE OPENED																	
5	22 0555	1.30	BLED DOWN WHP 400	45	1500	0.0	0	0												
6	22 0623	1.76	BLED DOWN WHP 180	53	1500	0.0	0	0												
7	22 0628	0.08	SCHLUMBERGER PERFORATED THE ZONE USING 0	53	1480	0.0	0	8												
8	22 0628	0.08	2-1/8" ENERGET GUNS 0	53	1480	0.0	0	8												
9	22 0628	0.08	WELL OPENED ON 8/64" ADJUSTABLE CHOKE 0	53	1480	0.0	0	8												
10	22 0629	0.01	130	55	1480	0.0	0	8												
11	22 0630	0.03	145	55	1480	0.0	0	8												
12	22 0631	0.04	150	57	1480	0.0	0	8												
13	22 0632	0.06	130	58	1480	0.0	0	8												
14	22 0633	0.08	140	59	1480	0.0	0	8												
15	22 0634	0.09	155	61	1480	0.0	0	8												
16	22 0635	0.11	145	62	1480	0.0	0	8												
17	22 0636	0.13	130	62	1480	0.0	0	8												

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	2	8

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME	WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	(IN H_2O)	(°F)	% H S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 22 0637	0.14	145	62	1480	0.0	0	8												
2 22 0638	0.16	WELL SHUT-IN AT CHOKE MFLD FOR INITIAL BUILDUP 225	65	1480	0.0	0	0												
3 22 0639	0.01	290	65	1480	0.0	0	0												
4 22 0640	0.03	315	59	1480	0.0	0	0												
5 22 0641	0.04	310	58	1480	0.0	0	0												
6 22 0642	0.06	315	58	1500	0.0	0	0												
7 22 0643	0.08	320	57	1500	0.0	0	0												
8 22 0644	0.09	320	56	1500	0.0	0	0												
9 22 0645	0.11	320	56	1500	0.0	0	0												
10 22 0650	0.19	325	56	1465	0.0	0	0												
11 22 0655	0.28	330	55	1465	0.0	0	0												
12 22 0700	0.36	330	55	1465	0.0	0	0												
13 22 0705	0.44	335	54	1470	0.0	0	0												
14 22 0710	0.53	340	53	1470	0.0	0	0												
15 22 0715	0.61	342	53	1465	0.0	0	0												
16 22 0720	0.69	342	50	1465	0.0	0	0												
17 22 0730	0.86	350	50	1465	0.0	0	0												

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	3	8

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W,	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	($_{H_2O}^{IN}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 22		PERFORATING GUNS AT SURFACE. CLOSED SSLV																	
0735	0.94	350	50	1465	0.0	0	0												
2 22		BLED OFF SURFACE PRESSURE																	
0735	0.94	350	50	1465	0.0	0	0												
3 22		PICKED UP OTIS WIRELINE LUBRICATOR																	
0914	2.59																		
4 22		FLUSHED THROUGH LINES																	
0950	3.19																		
5 22		PRESSURE TESTED TO 3000 PSI - OKAY																	
0955	3.28																		
6 22		WELL OPENED TO CHOKE MANIFOLD																	
1011	3.54	350	52	1470	0.0	0	0												
7 22																			
1015	0.06	350	52	1470	0.0	0	0												
8 22																			
1030	0.31	359	51	1460	0.0	0	0												
9 22		UNABLE TO RUN HP GAUGES IN THE HOLE																	
1100	0.81	357	52	1470	0.0	0	0												
10 22		PUMPED CLOSE SSLV																	
1105	0.89	359	52	1470	0.0	0	0												
11 22		BLED OFF SURFACE PRESSURE																	
1110	0.98	0	52	1470	0.0	0	0												
12 22		PUMPED OPEN SSLV. HP GAUGES RAN IN THE HOLE																	
1124	0.23	350	52	1470	0.0	0	0												
13 22																			
1130	0.33	370	52	1460	0.0	0	0												
14 22																			
1145	0.58	372	52	1455	0.0	0	0												
15 22																			
1200	0.83	365	52	1455	0.0	0	0												
16 22																			
1215	1.08	367	53	1450	0.0	0	0												
17 22		HP GAUGES AT DEPTH 5771 FEET																	
1220	1.16	367	53	1450	0.0	0	0												

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GL1473

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	4	8

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_i	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	($^{IN}_{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 22		WELL OPENED TO OIL BURNER ON 8/64" ADJ CHOKE																	
1222	1.19	250	53	1450	0.0	0	8												
2 22																			
1223	0.01	200	53	1450	0.0	0	8												
3 22																			
1224	0.03	165	53	1450	0.0	0	8												
4 22																			
1225	0.04	157	53	1450	0.0	0	8												
5 22																			
1226	0.06	157	53	1450	0.0	0	8												
6 22																			
1227	0.08	159	53	1450	0.0	0	8												
7 22																			
1228	0.09	165	55	1450	0.0	0	8												
8 22																			
1229	0.11	170	60	1450	0.0	0	8												
9 22																			
1230	0.13	170	60	1450	0.0	0	8												
10 22		99.8% DIESEL / 0.2% WATER																	
1235	0.21	180	65	1450	0.0	0	8												
11 22																			
1240	0.29	210	67	1450	0.0	0	8												
12 22																			
1245	0.38	235	70	1470	0.0	0	8												
13 22																			
1250	0.46	260	75	1490	0.0	0	8												
14 22		OPENED UP ADJUSTABLE CHOKE TO CHECK FOR BLOCKAGE																	
1253	0.51	300	78	1490	0.0	0	8												
15 22		99.8% DIESEL / 0.2% WATER / TRACE OF SAND																	
1255	0.54	315	80	1510	0.0	0	8												
16 22		99.7% DIESEL / 0.3% WATER / TRACE OF SAND																	
1300	0.63	370	82	1530	0.0	0	8												
17 22		98% DIESEL / 1.4% EMULSION / 0.6% WATER																	
1305	0.71	450	85	1550	0.0	0	8												

Computer-Forms Taquer Floors

C1774

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO. YR.)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	5	8

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS. H_2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	(IN_{H_2O})	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 22 1315	0.88	GAS AT SURFACE 570	88	1610	0.0	0	8												
2 22 1316	0.89	RAT HOLE MUD AT SURFACE 570	88	1610	0.0	0	8												
3 22 1320	0.96	720	110	1640	0.0	0	8												
4 22 1323	1.01	CHOKE PLUGGED OFF 900	110	1640	0.0	0	8												
5 22 1326	1.06	CHANGED TO 16/64" POSITIVE CHOKE																	
6 22 1330	1.13	1040	100	1675	0.0	0	16												
7 22 1335	1.21	1100	98	1700	0.0	0	16												
8 22 1340	1.29	1140	95	1500	0.0	0	16												
9 22 1345	1.38	1170	95	1500	0.0	0	16												
10 22 1351	1.48	CHANGED TO 24/64" ADJUSTABLE CHOKE																	
11 22 1353	1.51	CHOKE PLUGGED. CHANGED TO 16/64" POSITIVE CHOKE																	
12 22 1355	1.54	1180	105	1610	0.0	0	16												
13 22 1400	1.63	1220	100	1565	0.0	0	16												
14 22 1403	1.68	CHANGED TO 32/64" ADJUSTABLE CHOKE																	
15 22 1405	1.71	1120	110	1580	0.0	0	32												
16 22 1410	1.79	960	115	1610	0.0	0	32												
17 22 1415	1.88	920	118	1610	0.0	0	32												

Computer Forms Topper Press

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	6	8

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY / 24 HOUR CLOCK	FLOW OR SHUT-IN DURATION (HOURS)	TUBING PRESS (PSIG)	TEMP (°F)	CASING PRESS (PSIG)	BHP (PSIG)	BHT (°F)	MAN CHOKE (64TH IN)	HEATER CHOKE (64TH IN)	ORIFICE SIZE (INS)	STATIC PRESS (PSIG)	DIFF PRESS (IN_{H_2O})	TEMP (°F)	GAS GRAVITY (AIR=1) / % H_2S	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	# 1 OIL TEMP (°F) / # 2 OIL TEMP (°F)	OIL GRAVITY @60°F °API	W_t BSW (%)	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	SALINITY (%)
1	22		CHANGED TO 28/64" ADJUSTABLE CHOKE																	
	1416	1.89	920	118	1610	0.0	0	28												
2	22																			
	1417	1.91	905	117	1650	0.0	0	28												
3	22		CHANGED TO 24/64" ADJUSTABLE CHOKE																	
	1418	1.93	905	117	1650	0.0	0	24												
4	22		CL = 10000PPM																	
	1419	1.94	930	120	1660	0.0	0	24												
5	22																			
	1420	1.96	970	120	1660	0.0	0	24												
6	22		CL = 12000PPM																	
	1430	2.13	990	125	1550	0.0	0	24												
7	22		CHANGED TO 24/64" POSITIVE CHOKE																	
	1431	2.14	990	125	1550	0.0	0	24												
8	22																			
	1433	2.18	1100	125	1530	0.0	0	24												
9	22		CHANGED TO 32/64" ADJUSTABLE CHOKE																	
	1434	2.19	1100	125	1530	0.0	0	32												
10	22																			
	1435	2.21	1070	125	1600	0.0	0	32												
11	22																			
	1440	2.29	1025	125	1600	0.0	0	32												
12	22		CHANGED TO 40/64" POSITIVE CHOKE																	
	1444	2.36	1020	125	1650	0.0	0	40												
13	22		94% WATER / 5% OIL / 1% SOLID																	
	1445	2.38	1010	132	1650	0.0	0	40												
14	22																			
	1450	2.46	995	130	1650	0.0	0	40												
15	22		BSW = 97%																	
	1500	2.63	1045	136	1570	0.0	0	40												
16	22		BSW = 95%																	
	1515	2.88	1050	140	1640	0.0	0	40												
17	22		BSW = 87%																	
	1530	3.13	1070	143	1690	0.0	0	40												

Computer-Forms Topper Floors

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	7	8

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	–

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP.	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_i	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1	22		CHANGED TO 58/64" ADJUSTABLE CHOKE																	
	1535	3.21																		
2	22																			
	1536	3.23	900	143	1500	0.0	0	58												
3	22		CHANGED TO 48/64" ADJUSTABLE CHOKE																	
	1538	3.26	900	143	1500	0.0	0	48												
4	22																			
	1539	3.28	880	145	1500	0.0	0	48												
5	22																			
	1540	3.29	840	145	1560	0.0	0	48												
6	22																			
	1545	3.38	835	150	1580	0.0	0	48												
7	22		CHANGED TO 46/64" POSITIVE CHOKE																	
	1546	3.39	835	150	1580	0.0	0	46												
8	22																			
	1547	3.41	860	150	1580	0.0	0	46												
9	22																			
	1550	3.46	910	150	1580	0.0	0	46												
10	22		BSW = 96%																	
	1555	3.54	890	147	1625	0.0	0	46												
11	22																			
	1600	3.63	920	152	1625	0.0	0	46												
12	22		FLOW DIVERTED THROUGH SEPARATOR																	
	1610	3.79	910	152	1680	0.0	0	46												
13	22																			
	1615	3.88	910	154	1690	0.0	0	46												
14	22																			
	1630	4.13	960	155	1655	0.0	0	46												
15	22																			
	1645	4.38	985	156	1615	0.0	0	46												
16	22		BSW = 94% / CO2 = 7%											0.811	0.00	0		0.00	41.30	
	1700	4.63	955	160	1650	0.0	0	46	0	2.500	225	40	130	0.000	0.00	0	0.00	0.00	0.00	0.00
17	22		CO2 = 7% / BYPASS SEPARATOR											0.811	0.00	0		0.00	57.46	
	1715	4.88	960	165	1650	0.0	0	46	0	2.500	225	50	132	0.000	0.00	0	0.00	0.00	0.00	0.00

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO. YR.)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	8	8

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 ,	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF. PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 22		BSW = 96% / OIL API 47.35 AT 60 DEG.F.																	
1730	5.13	900	160	1545	0.0	0	46												
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
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16																			
17																			

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO. YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	1	4

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	---

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($_{H_2O}^{IN}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1	22		CHANGED TO 32/64" ADJUSTABLE CHOKE																	
	1755	5.13																		
2	22																			
	1757	5.16	990	162	1560	0.0	0	32												
3	22																			
	1800	5.21	1015	162	1580	0.0	0	32												
4	22		CHANGED TO 32/64" POSITIVE CHOKE																	
	1805	5.29	1100	160	1590	0.0	0	32												
5	22																			
	1810	5.38	1150	157	1590	0.0	0	32												
6	22																			
	1815	5.46	1170	157	1590	0.0	0	32												
7	22																			
	1830	5.71	1195	155	1600	0.0	0	32												
8	22		FLOW DIVERTED THROUGH SEPARATOR FOR RATE #2																	
	1845	5.96	1195	154	1600	0.0	0	32												
9	22		BSW = 95.5%																	
	1900	6.21	1185	154	1615	0.0	0	32												
10	22		CO2 = 7%											0.810	0.00	0		0.00	2.10	
	1915	6.46	1185	154	1640	0.0	0	32	0	2.000	120	70	121	0.000	0.00	0	0.00	0.00	0.00	0.00
11	22		CO2 = 7%											0.810	0.00	0		0.00	7.40	
	1930	6.71	1185	154	1640	0.0	0	32	0	2.000	125	74	124	0.000	0.00	0	0.00	0.00	0.00	0.00
12	22		CO2 = 7%											0.810	0.00	0		0.00	24.00	
	1945	6.96	1194	154	1660	0.0	0	32	0	2.000	125	75	126	0.000	0.00	0	0.00	0.00	0.00	0.00
13	22		CO2 = 7% / WIRELINE MADE GRADIENT STOPS											0.810	0.00	0		0.00	39.00	
	2000	7.21	1194	154	1575	0.0	0	32	0	2.000	125	75	127	0.000	0.00	0	0.00	0.00	0.00	0.00
14	22		CO2 = 7%											0.810	0.00	0		0.00	57.50	
	2015	7.46	1192	154	1665	0.0	0	32	0	2.000	125	75	128	0.000	0.00	0	0.00	0.00	0.00	0.00
15	22		CO2 = 7%											0.810	0.00	0		0.00	75.00	
	2030	7.71	1194	154	1675	0.0	0	32	0	2.000	125	75	128	0.000	0.00	0	0.00	0.00	0.00	0.00
16	22		CO2 = 7%											0.810	0.00	0		0.00	93.00	
	2045	7.96	1195	154	1685	0.0	0	32	0	2.000	125	75	128	0.000	0.00	0	0.00	0.00	0.00	0.00
17	22		CO2 = 7%											0.802	0.00	0		0.00	110.00	
	2100	8.21	1200	154	1695	0.0	0	32	0	2.000	130	75	128	0.000	0.00	0	0.00	0.00	0.00	0.00

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	2	4

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 22		CO2 = 7%											0.802	0.00	0		0.00	126.00	
2115	8.46	1205	154	1500	0.0	0	32	0	2.000	130	80	128	0.000	0.00	0	0.00	0.00	0.00	0.00
2 22		CO2 = 7%											0.802	0.00	0		0.00	144.50	
2130	8.71	1205	154	1500	0.0	0	32	0	2.000	130	80	128	0.000	0.00	0	0.00	0.00	0.00	0.00
3 22		CO2 = 7% / API OIL 43.1 AT 60 DEG.F.											0.802	0.00	0		0.00	160.80	
2145	8.96	1207	154	1500	0.0	0	32	0	2.000	130	80	128	0.000	0.00	0	0.00	0.00	0.00	0.00
4 22		CO2 = 7% / BYPASS SEPARATOR											0.802	0.00	0		0.00	0.00	
2200	9.21	1210	154	1500	0.0	0	32	0	2.000	130	80	128	0.000	0.00	0	0.00	0.00	0.00	0.00
5 22		WELL SHUT-IN AT CHOKE MANIFOLD																	
2202	9.24	1210	154	1500	0.0	0	0												
6 22																			
2203	0.01	1300	153	1500	0.0	0	0												
7 22																			
2204	0.03	1360	153	1500	0.0	0	0												
8 22																			
2205	0.04	1385	150	1500	0.0	0	0												
9 22																			
2207	0.08	1410	145	1500	0.0	0	0												
10 22																			
2209	0.11	1425	143	1520	0.0	0	0												
11 22																			
2211	0.14	1432	137	1520	0.0	0	0												
12 22																			
2213	0.18	1445	135	1520	0.0	0	0												
13 22																			
2215	0.21	1460	133	1520	0.0	0	0												
14 22																			
2230	0.46	1467	121	1540	0.0	0	0												
15 22																			
2245	0.71	1470	110	1480	0.0	0	0												
16 22																			
2300	0.96	1472	103	1430	0.0	0	0												
17 22																			
2315	1.21	1472	95	1500	0.0	0	0												

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	22SEP85	3	4

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 ,	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS. H_2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_i	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	($_{IN}^{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 22 2330	1.46	1480	88	1450	0.0	0	0												
2 22 2345	1.71	1485	85	1500	0.0	0	0												
3 22 2400	1.96	1485	80	1490	0.0	0	0												
4 23 0002	1.99	WIRELINE STARTED PULLING OUT OF HOLE TO 5269 FT 1485	80	1490	0.0	0	0												
5 23 0015	2.21	1490	75	1430	0.0	0	0												
6 23 0021	2.31	WIRELINE STARTED PULLING OUT OF HOLE TO 4269 FT 1490	75	1430	0.0	0	0												
7 23 0030	2.46	1500	73	1520	0.0	0	0												
8 23 0041	2.64	WIRELINE AT SURFACE 1500	73	1500	0.0	0	0												
9 23 0045	2.71	1510	70	1500	0.0	0	0												
10 23 0100	2.96	CLOSED SWAB VALVE 1510	68	1468	0.0	0	0												
11 23 0100	2.96	RIGGED DOWN WIRELINE LUBRICATOR 1510	68	1468	0.0	0	0												
12 23 0115	3.21	1510	66	1425	0.0	0	0												
13 23 0130	3.46	1510	60	1535	0.0	0	0												
14 23 0145	3.71	1515	60	1515	0.0	0	0												
15 23 0200	3.96	1515	60	1470	0.0	0	0												
16 23 0215	4.21	1515	58	1530	0.0	0	0												
17 23 0230	4.46	1515	55	1500	0.0	0	0												

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2	YOLLA #1	1440PSI 3PHASE SEPARATOR	23SEP85	4	4

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	–

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1830-1835 MTR (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W,	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	(IN H_2O)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 23 0259	4.94	PUMPED UP ANNULUS TO 2700 PSI 1515	53	1500	0.0	0	0					1							1
2 23 0303	5.01	OPENED CHOKE MANIFOLD FOR REVERSE OUT										2							2
3 23 0303	5.01	END OF DST #2										3							3
4												4							4
5												5							5
6												6							6
7												7							7
8												8							8
9												9							9
10												10							10
11												11							11
12												12							12
13												13							13
14												14							14
15												15							15
16												16							16
17												17							17

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D RE/
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	020CT85	1	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS.	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS.	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 02 1715	0.00	TEST STRING RAN IN HOLE AND DISPLACED WITH																	
2 02 1715	0.00	3900 FEET OF WATER CUSHION																	
3 03 0214	8.98	PACKER SET AT 5785 FEET																	
4 03 1021	17.09	SCHLUMBERGER PERFORATED ZONE USING 2-1/8"																	
5 03 1021	17.09	ENERJET GUNS																	
6 03 1022	17.11	WELL OPENED TO BUBBLE HOSE - WEAK BLOW	0	52	1435	0.0	0	0											
7 03 1030	0.13	1	53	1450	0.0	0	0												
8 03 1032	0.16	2	54	1450	0.0	0	0												
9 03 1033	0.18	WELL SHUT-IN AT BUBBLE HOSE 3	54	1450	0.0	0	0												
10 03 1035	0.03	4	54	1450	0.0	0	0												
11 03 1036	0.04	5	54	1450	0.0	0	0												
12 03 1038	0.08	6	54	1450	0.0	0	0												
13 03 1040	0.11	SCHLUMBERGER STARTED PULLING OUT OF HOLE 8	54	1450	0.0	0	0												
14 03 1045	0.19	12	53	1500	0.0	0	0												
15 03 1050	0.28	20	53	1500	0.0	0	0												
16 03 1055	0.36	30	55	1550	0.0	0	0												
17 03 1100	0.44	48	55	1550	0.0	0	0												

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HELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	2	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 03 1105	0.53	81	55	1550	0.0	0	0												
2 03 1110	0.61	130	55	1575	0.0	0	0												
3 03 1115	0.69	232	55	1585	0.0	0	0												
4 03 1120	0.78	268	55	1585	0.0	0	0												
5 03 1125	0.86	305	55	1600	0.0	0	0												
6 03 1130	0.94	PERFORATING GUNS AT SURFACE. PUMPED CLOSE SSLV 345	55	1600	0.0	0	0												
7 03 1147	1.23	BLED OFF SURFACE PRESSURE 0	55	1600	0.0	0	0												
8 03 1147	1.23	RIGGED DOWN PERFORATING GUNS 0	55	1600	0.0	0	0												
9 03 1147	1.23	RIGGED UP P.L.T. 0	55	1600	0.0	0	0												
10 03 1450	4.28	PUMPED OPEN SSLV. P.L.T. RAN IN HOLE 800	57	1555	0.0	0	0												
11 03 1451	4.29	810	57	1555	0.0	0	0												
12 03 1452	4.31	787	60	1555	0.0	0	0												
13 03 1454	4.34	790	60	1555	0.0	0	0												
14 03 1455	4.36	802	60	1555	0.0	0	0												
15 03 1500	4.44	810	60	1545	0.0	0	0												
16 03 1505	4.53	822	60	1545	0.0	0	0												
17 03 1510	4.61	823	60	1545	0.0	0	0												

Computer-Forms Toolkit Plus

21.7.184

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	3	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME	WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY / 24 HOUR CLOCK	FLOW OR SHUT-IN DURATION (HOURS)	TUBING PRESS (PSIG)	TEMP (°F)	CASING PRESS (PSIG)	BHP (PSIG)	BHT (°F)	MAN CHOKE (64TH IN)	HEATER CHOKE (64TH IN)	ORIFICE SIZE (INS)	STATIC PRESS (PSIG)	DIFF PRESS ($_{H_2O}^{IN}$)	TEMP (°F)	GAS GRAVITY (AIR=1) % H2S	# 1 TANK OR METER READING # 2 TANK OR METER READING (INS OR BBL)	# 1 OIL TEMP # 2 OIL TEMP (°F)	OIL GRAVITY @60°F API	W_f BSW (%)	# 1 TANK OR METER READING # 2 TANK OR METER READING (INS OR BBL)	SALINITY (%)
1 03 1515	4.69	835	60	1545	0.0	0	0												
2 03 1520	4.78	845	61	1545	0.0	0	0												
3 03 1525	4.86	860	61	1545	0.0	0	0												
4 03 1530	4.94	860	61	1545	0.0	0	0												
5 03 1545	5.19	895	61	1540	0.0	0	0												
6 03 1600	5.44	905	60	1540	0.0	0	0												
7 03 1613	5.66	WELL OPENED TO BURNER ON 8/64" ADJUSTABLE CHOKE 915	60	1540	0.0	0	8												
8 03 1614	0.01	870	58	1535	0.0	0	8												
9 03 1615	0.03	GAS BURNING AT OIL GUNS 780	58	1535	0.0	0	8												
10 03 1616	0.04	720	58	1535	0.0	0	8												
11 03 1617	0.06	670	58	1535	0.0	0	8												
12 03 1618	0.08	600	57	1535	0.0	0	8												
13 03 1619	0.09	560	56	1535	0.0	0	8												
14 03 1620	0.11	500	56	1535	0.0	0	8												
15 03 1625	0.19	320	55	1535	0.0	0	8												
16 03 1626	0.21	CHANGED TO 4/64" ADJUSTABLE CHOKE 320	55	1535	0.0	0	4												
17 03 1627	0.23	240	55	1525	0.0	0	4												

31.1185

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	4	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 03 1628	0.24	220	55	1525	0.0	0	4												
2 03 1629	0.26	200	55	1525	0.0	0	4												
3 03 1630	0.28	180	55	1525	0.0	0	4												
4 03 1631	0.29	170	55	1525	0.0	0	4												
5 03		AERATED WATER TO SURFACE																	
1632	0.31	140	55	1525	0.0	0	4												
6 03 1633	0.33	130	55	1525	0.0	0	4												
7 03 1635	0.36	130	55	1525	0.0	0	4												
8 03 1640	0.44	125	55	1525	0.0	0	4												
9 03 1645	0.53	130	54	1525	0.0	0	4												
10 03 1650	0.61	140	54	1525	0.0	0	4												
11 03 1655	0.69	145	53	1525	0.0	0	4												
12 03		BSW = 100% WATER / TRACE OF SEDIMENT																	
1700	0.78	155	53	1530	0.0	0	4												
13 03		CHANGED TO 6/64" ADJUSTABLE CHOKE																	
1701	0.79	160	54	1530	0.0	0	6												
14 03 1702	0.81	165	54	1530	0.0	0	6												
15 03 1703	0.83	165	54	1530	0.0	0	6												
16 03 1704	0.84	168	54	1530	0.0	0	6												
17 03		CHANGED TO 8/64" ADJUSTABLE CHOKE																	
1705	0.86	168	54	1530	0.0	0	8												

Computer-Forces Topper Module

31186

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	5	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME	WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY / 24 HOUR CLOCK	FLOW OR SHUT-IN DURATION (HOURS)	TUBING PRESS (PSIG)	TEMP (°F)	CASING PRESS (PSIG)	BHP (PSIG)	BHT (°F)	MAN CHOKE (64TH) IN)	HEATER CHOKE (64TH) IN)	ORIFICE SIZE (INS)	STATIC PRESS (PSIG)	DIFF PRESS ($_{H_2O}^{IN}$)	TEMP (°F)	GAS GRAVITY (AIR=1) / % H_2S	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	# 1 OIL TEMP / # 2 OIL TEMP (°F)	OIL GRAVITY @60°F °API	W_f BSW (%)	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	SALINITY (%)
1 03 1706	0.88	160	54	1530	0.0	0	8												
2 03 1707	0.89	CHANGED TO 10/64" ADJUSTABLE CHOKE 160	54	1530	0.0	0	10												
3 03 1708	0.91	155	54	1530	0.0	0	10												
4 03 1709	0.93	157	54	1530	0.0	0	10												
5 03 1710	0.94	CHANGED TO 12/64" ADJUSTABLE CHOKE 157	54	1530	0.0	0	12												
6 03 1711	0.96	155	54	1530	0.0	0	12												
7 03 1712	0.98	150	53	1530	0.0	0	12												
8 03 1713	0.99	150	53	1530	0.0	0	12												
9 03 1714	1.01	150	53	1530	0.0	0	12												
10 03 1715	1.03	150	53	1530	0.0	0	12												
11 03 1716	1.04	150	53	1530	0.0	0	12												
12 03 1717	1.06	150	53	1530	0.0	0	12												
13 03 1718	1.08	CHANGED TO 14/64" ADJUSTABLE CHOKE 150	53	1530	0.0	0	14												
14 03 1719	1.09	150	53	1530	0.0	0	14												
15 03 1720	1.11	150	54	1530	0.0	0	14												
16 03 1722	1.14	150	54	1530	0.0	0	14												
17 03 1723	1.16	CHANGED TO 16/64" ADJUSTABLE CHOKE 150	54	1530	0.0	0	16												

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CO 1718

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	6	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS. H2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF. PRESS.	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	(IN_{H_2O})	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS. OR BBL)	(%)
1 03 1724	1.18	152	54	1530	0.0	0	16												
2 03 1726	1.21	152	54	1535	0.0	0	16												
3 03 1728	1.24	CHANGED TO 24/64" ADJUSTABLE CHOKE 154	54	1535	0.0	0	24												
4 03 1730	1.28	130	53	1535	0.0	0	24												
5 03 1731	1.29	120	53	1535	0.0	0	24												
6 03 1733	1.33	110	53	1535	0.0	0	24												
7 03 1735	1.36	105	53	1535	0.0	0	24												
8 03 1740	1.44	95	54	1535	0.0	0	24												
9 03 1745	1.53	95	56	1535	0.0	0	24												
10 03 1750	1.61	95	56	1535	0.0	0	24												
11 03 1755	1.69	117	57	1535	0.0	0	24												
12 03 1800	1.78	130	58	1545	0.0	0	24												
13 03 1805	1.86	145	58	1545	0.0	0	24												
14 03 1810	1.94	150	59	1545	0.0	0	24												
15 03 1815	2.03	FLOW DIVERTED TO THE STOCK TANK 176	61	1545	0.0	0	24												
16 03 1830	2.28	CL = 2000PPM 220	62	1545	0.0	0	24												
17 03 1845	2.53	270	63	1545	0.0	0	24												

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217188

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	7	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2"	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	(IN H_2O)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1	03		CHANGED TO 32/64" ADJUSTABLE CHOKE																	
	1846	2.54	240	65	1575	0.0	0	32												
2	03																			
	1850	2.61	220	65	1575	0.0	0	32												
3	03		CHANGED TO 24/64" ADJUSTABLE CHOKE																	
	1851	2.63	220	65	1575	0.0	0	24												
4	03																			
	1852	2.64	205	68	1575	0.0	0	24												
5	03																			
	1853	2.66	205	68	1575	0.0	0	24												
6	03		CL = 1400PPM																	
	1855	2.69	204	68	1575	0.0	0	24												
7	03		CL = 1400PPM																	
	1900	2.78	202	68	1580	0.0	0	24												
8	03		CHANGED TO 20/64" ADJUSTABLE CHOKE																	
	1910	2.94	202	68	1580	0.0	0	20												
9	03																			
	1915	3.03	270	80	1605	0.0	0	20												
10	03																			
	1920	3.11	310	80	1605	0.0	0	20												
11	03																			
	1925	3.19	345	80	1620	0.0	0	20												
12	03		CL = 1400PPM																	
	1930	3.28	390	81	1635	0.0	0	20												
13	03		CL = 1400PPM																	
	1945	3.53	460	81	1635	0.0	0	20												
14	03		P.L.T. TOOL MOVED ACROSS PERFORATIONS																	
	1955	3.69	580	84	1635	0.0	0	20												
15	03																			
	2000	3.78	580	84	1635	0.0	0	20												
16	03		CL = 1400PPM																	
	2015	4.03	615	85	1660	0.0	0	20												
17	03		BYPASS TANK / DIVERTED TO FLARE																	
	2025	4.19	600	84	1660	0.0	0	20												

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91486

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	8	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP.	CASING PRESS	B H P	B H T	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS.	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 03		0.4% SAND / 99.6% WATER																	
2025	4.19	600	84	1660	0.0	0	20												
2 03		CL = 1400PPM / 0.8% SAND / 99.2% WATER																	
2030	4.28	600	83	1665	0.0	0	20												
3 03		CHANGED TO 16/64" ADJUSTABLE CHOKE																	
2038	4.41	600	83	1665	0.0	0	16												
4 03																			
2039	4.43	560	80	1665	0.0	0	16												
5 03																			
2040	4.44	555	80	1665	0.0	0	16												
6 03																			
2041	4.46	555	80	1670	0.0	0	16												
7 03																			
2042	4.48	550	80	1670	0.0	0	16												
8 03																			
2043	4.49	550	80	1670	0.0	0	16												
9 03																			
2044	4.51	550	80	1675	0.0	0	16												
10 03		CL = 1400PPM / 0.5% SAND / 99.5% WATER																	
2045	4.53	545	80	1675	0.0	0	16												
11 03		MUD TO SURFACE																	
2050	4.61	545	79	1675	0.0	0	16												
12 03																			
2055	4.69	535	78	1680	0.0	0	16												
13 03		0.7% SAND / 99.3% MUD																	
2100	4.78	525	78	1680	0.0	0	16												
14 03																			
2105	4.86	525	78	1690	0.0	0	16												
15 03																			
2110	4.94	540	77	1690	0.0	0	16												
16 03																			
2115	5.03	559	77	1700	0.0	0	16												
17 03		75% CONDENSATE / 25% MUD																	
2120	5.11	569	77	1700	0.0	0	16												

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	9	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	(IN_{H_2O})	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 03 2125	5.19	598	77	1700	0.0	0	16												
2 03 2130	5.28	SWITCHED TO OIL BURNER 629	77	1515	0.0	0	16												
3 03 2130	5.28	CRUDE MUDDY EMULSION TO SURFACE 629	77	1515	0.0	0	16												
4 03 2135	5.36	660	80	1520	0.0	0	16												
5 03 2140	5.44	685	80	1525	0.0	0	16												
6 03 2145	5.53	705	80	1535	0.0	0	16												
7 03 2147	5.56	CHOKE PLUGGED. OPENED AND RESET TO 16/64" ADJ																	
8 03 2150	5.61	730	83	1535	0.0	0	16												
9 03 2155	5.69	750	86	1540	0.0	0	16												
10 03 2200	5.78	750	86	1540	0.0	0	16												
11 03 2215	6.03	755	85	1545	0.0	0	16												
12 03 2230	6.28	860	85	1550	0.0	0	16												
13 03 2245	6.53	865	83	1550	0.0	0	16												
14 03 2246	6.54	BURNER PLUGGED UP 865	83	1550	0.0	0	16												
15 03 2247	6.56	CHANGED TO 12/64" ADJUSTABLE CHOKE 865	83	1550	0.0	0	12												
16 03 2250	6.61	800	75	1555	0.0	0	12												
17 03 2251	6.63	800	75	1560	0.0	0	12												

Computer Forms Toppan Moore

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	10	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 03 2252	6.64	800	75	1560	0.0	0	12												
2 03 2253	6.66	800	75	1565	0.0	0	12												
3 03 2254	6.68	810	75	1570	0.0	0	12												
4 03 2255	6.69	810	75	1570	0.0	0	12												
5 03 2300	6.78	910	77	1575	0.0	0	12												
6 03 2308	6.91	CHANGED TO 32/64" ADJUSTABLE CHOKE 910	77	1575	0.0	0	32												
7 03 2310	6.94	CHANGED TO 24/64" ADJUSTABLE CHOKE 970	80	1575	0.0	0	24												
8 03 2311	6.96	990	80	1575	0.0	0	24												
9 03 2312	6.98	1000	85	1575	0.0	0	24												
10 03 2313	6.99	990	87	1580	0.0	0	24												
11 03 2314	7.01	950	87	1580	0.0	0	24												
12 03 2315	7.03	CHANGED TO 16/64" ADJUSTABLE CHOKE 940	87	1580	0.0	0	16												
13 03 2316	7.04	910	85	1580	0.0	0	16												
14 03 2317	7.06	880	85	1585	0.0	0	16												
15 03 2318	7.08	880	85	1585	0.0	0	16												
16 03 2319	7.09	840	83	1590	0.0	0	16												
17 03 2320	7.11	CHANGED TO 14/64" ADJUSTABLE CHOKE 840	83	1590	0.0	0	14												

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	030CT85	11	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2"	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH IN)	(64TH IN)	(INS)	(PSIG)	($_{H_2O}^{IN}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 03 2321	7.13	820	82	1595	0.0	0	14												
2 03 2322	7.14	810	82	1595	0.0	0	14												
3 03 2330	7.28	935	87	1600	0.0	0	14												
4 03 2345	7.53	900	88	1610	0.0	0	14												
5 03 2400	7.78	980	88	1630	0.0	0	14												
6 04		CHANGED CHOKE TO 16/64" POSITIVE CHOKE																	
0014	8.01	950	88	1635	0.0	0	16												
7 04 0015	8.03	960	88	1640	0.0	0	16												
8 04 0016	8.04	980	88	1640	0.0	0	16												
9 04 0017	8.06	990	88	1640	0.0	0	16												
10 04 0018	8.08	1020	87	1645	0.0	0	16												
11 04 0019	8.09	1020	86	1645	0.0	0	16												
12 04 0020	8.11	1025	85	1645	0.0	0	16												
13 04 0025	8.19	1025	85	1645	0.0	0	16												
14 04 0030	8.28	1000	85	1650	0.0	0	16												
15 04 0045	8.53	1015	83	1665	0.0	0	16												
16 04 0100	8.78	1035	84	1670	0.0	0	16												
17 04 0115	9.03	1045	82	1520	0.0	0	16												

Computer-Forms Teppan Plaza

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	12	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($_{H_2O}^{IN}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 04																			1
0130	9.28	1090	83	1520	0.0	0	16												
2 04																			2
0145	9.53	1080	83	1530	0.0	0	16												
3 04																			3
0200	9.78	1100	83	1535	0.0	0	16												
4 04																			4
0215	10.03	1035	82	1540	0.0	0	16												
5 04		CO2 = 4%											0.868	0.00	0		1.00	0.00	5
0230	10.28	1045	81	1550	0.0	0	16	0	1.750	90	38	88	0.000	0.00	0	0.00	0.00	0.00	0.00
6 04		CO2 = 4%											0.868	0.00	0		1.00	0.00	6
0245	10.53	1030	81	1560	0.0	0	16	0	1.750	90	28	95	0.000	0.00	0	46.00	0.00	0.00	0.00
7 04		CO2=4%											0.868	0.00	0		1.00	0.00	7
0300	10.78	1085	85	1570	0.0	0	16	0	1.750	90	46	98	0.000	0.00	0	0.00	0.00	0.00	0.00
8 04		CO2 = 4%											0.868	0.00	0		1.00	0.00	8
0315	11.03	1050	83	1575	0.0	0	16	0	1.750	90	45	108	0.000	0.00	0	0.00	0.00	0.00	0.00
9 04		CO2 = 4%											0.868	0.00	0		1.00	0.00	9
0330	11.28	1075	85	1580	0.0	0	16	0	1.750	90	45	108	0.000	0.00	0	0.00	0.00	0.00	0.00
10 04		CO2 = 4%											0.868	1.00	0		1.00	0.00	10
0345	11.53	1100	83	1585	0.0	0	16	0	1.750	90	35	105	0.000	0.00	0	0.00	0.00	0.00	0.00
11 04		CO2 = 4%											0.868	4.50	107		1.00	0.00	11
0400	11.78	1130	85	1600	0.0	0	16	0	1.750	90	37	103	0.000	0.00	0	45.50	0.00	0.00	0.00
12 04		CO2 = 4%											0.868	8.00	104		1.00	0.00	12
0415	12.03	1160	85	1610	0.0	0	16	0	1.750	90	42	102	0.000	0.00	0	45.50	0.00	0.00	0.00
13 04		CO2 = 4%											0.868	12.00	102		1.00	0.00	13
0430	12.28	1210	85	1620	0.0	0	16	0	1.750	90	42	100	0.000	0.00	0	45.50	0.00	0.00	0.00
14 04		CO2 = 4%											0.868	14.50	98		1.00	0.00	14
0445	12.53	1200	85	1630	0.0	0	16	0	1.750	90	50	98	0.000	0.00	0	45.60	0.00	0.00	0.00
15 04		CO2 = 4%											0.870	17.50	97		1.00	0.00	15
0500	12.78	1210	86	1630	0.0	0	16	0	1.750	90	35	96	0.000	0.00	0	45.60	0.00	0.00	0.00
16 04		SCHLUMBERGER LOGGING AND																	16
0501	12.79	1210	86	1630	0.0	0	16												
17 04		STARTED PULLING OUT OF HOLE																	17
0501	12.79	1210	86	1630	0.0	0	16												

Computer-Forms Topper Place

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#2A	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	13	13

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	2 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1833.1-1833.7 M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP.	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 04		CO2 = 4%											0.870	20.50	95		1.00	0.00	
0515	13.03	1210	86	1635	0.0	0	16	0	1.750	90	37	95	0.000	0.00	0	45.60	0.00	0.00	0.00
2 04		.											0.870	23.50	95		1.00	0.00	
0530	13.28	1200	86	1640	0.0	0	0	0	1.750	90	37	95	0.000	0.00	0	45.60	0.00	0.00	0.00
3 04		SHUT-IN WELL AT CHOKE MANIFOLD																	
0531	13.29	1250	86	1640	0.0	0	0												
4 04																			
0532	0.01	1260	86	1640	0.0	0	0												
5 04																			
0533	0.03	1260	86	1645	0.0	0	0												
6 04																			
0534	0.04	1280	86	1645	0.0	0	0												
7 04																			
0535	0.06	1295	86	1645	0.0	0	0												
8 04																			
0540	0.14	1375	84	1650	0.0	0	0												
9 04																			
0545	0.23	1465	80	1650	0.0	0	0												
10 04																			
0550	0.31	1520	80	1650	0.0	0	0												
11 04																			
0555	0.39	1570	75	1650	0.0	0	0												
12 04																			
0600	0.48	1600	72	1650	0.0	0	0												
13 04																			
0615	0.73	1690	70	1650	0.0	0	0												
14 04																			
0630	0.98	1730	68	1650	0.0	0	0												
15 04		STARTED PUMPING CLOSE SSLV																	
0640	1.14																		
16 04		BLED OFF SURFACE PRESSURE																	
0645	1.23																		
17 04		SCHLUMBERGER STARTED RIGGING DOWN. ENDED DST #2A																	
0645	1.23																		

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	1	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS. H_2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS.	TEMP.	CASING PRESS.	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS.	DIFF. PRESS.	TEMP.	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($_{H_2O}^{IN}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1	04 0645	0.00	PUMPED CLOSE SSLV & BLED DOWN WHP ENDING DST #2A																	
2	04 1039	3.90	EQUALIZED PRESSURE ACROSS SSLV AND PUMPED OPEN 1770	53	1475	0.0	0	0												
3	04 1045	4.00	PERFORATING GUNS RAN IN HOLE 1770	53	1460	0.0	0	0												
4	04 1100	4.25	1755	53	1460	0.0	0	0												
5	04 1115	4.50	1764	53	1450	0.0	0	0												
6	04 1130	4.75	1766	50	1450	0.0	0	0												
7	04 1145	5.00	PERFORATING GUNS AT DEPTH 1770	50	1460	0.0	0	0												
8	04 1200	5.25	1775	50	1460	0.0	0	0												
9	04 1201	5.26	WELL OPENED TO OIL BURNERS ON 20/64" ADJ CHOKE 1775	50	1460	0.0	0	20												
10	04 1202	0.01	1740	50	1470	0.0	0	20												
11	04 1203	0.03	1710	50	1470	0.0	0	20												
12	04 1204	0.04	CHANGED TO 30/64" ADJUSTABLE CHOKE 1650	51	1470	0.0	0	30												
13	04 1205	0.06	1500	52	1470	0.0	0	30												
14	04 1206	0.08	CHANGED TO 40/64" ADJUSTABLE CHOKE 1350	52	1470	0.0	0	40												
15	04 1207	0.09	1200	55	1470	0.0	0	40												
16	04 1208	0.11	1050	58	1470	0.0	0	40												
17	04 1209	0.13	850	60	1470	0.0	0	40												

DTRS

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	2	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME	WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY / 24 HOUR CLOCK	FLOW OR SHUT-IN DURATION (HOURS)	TUBING PRESS (PSIG)	TEMP (°F)	CASING PRESS (PSIG)	B.H.P (PSIG)	B.H.T (°F)	MAN CHOKE (64TH) IN)	HEATER CHOKE (64TH) IN)	ORIFICE SIZE (INS)	STATIC PRESS (PSIG)	DIFF PRESS ($_{H_2O}^{IN}$)	TEMP (°F)	GAS GRAVITY (AIR=1) / % H_2S	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	# 1 OIL TEMP / # 2 OIL TEMP (°F)	OIL GRAVITY @60°F °API	W_f BSW (%)	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	SALINITY (%)
1 04 1210	0.14	710	63	1470	0.0	0	40					1							1
2 04 1211	0.16	600	63	1470	0.0	0	40					2							2
3 04 1212	0.18	520	63	1470	0.0	0	40					3							3
4 04 1213	0.19	510	65	1470	0.0	0	40					4							4
5 04 1214	0.21	CHANGED TO 30/64" ADJUSTABLE CHOKE 490	67	1470	0.0	0	30					5							5
6 04 1215	0.23	500	69	1540	0.0	0	30					6							6
7 04 1216	0.24	480	69	1540	0.0	0	30					7							7
8 04 1217	0.26	490	70	1540	0.0	0	30					8							8
9 04 1218	0.28	570	70	1540	0.0	0	30					9							9
10 04 1219	0.29	ZONE PERFORATED USING 2-1/8" ENERJET GUNS 555	70	1540	0.0	0	30					10							10
11 04 1220	0.31	720	74	1540	0.0	0	30					11							11
12 04 1221	0.33	850	75	1540	0.0	0	30					12							12
13 04 1222	0.34	1160	82	1540	0.0	0	30					13							13
14 04 1223	0.36	1200	84	1540	0.0	0	30					14							14
15 04 1224	0.38	1270	86	1540	0.0	0	30					15							15
16 04 1225	0.39	1370	87	1540	0.0	0	30					16							16
17 04 1226	0.41	1450	90	1540	0.0	0	30					17							17

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FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	3	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) (IN)	(64TH) (IN)	(INS)	(PSIG)	($IN\ H_2O$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 04 1227	0.43	1540	93	1540	0.0	0	30												
2 04 1228	0.44	1580	95	1540	0.0	0	30												
3 04 1229	0.46	1620	95	1540	0.0	0	30												
4 04 1230	0.48	WELL SHUT-IN AT CHOKE MANIFOLD 1660	95	1605	0.0	0	0												
5 04 1231	0.01	1740	95	1605	0.0	0	0												
6 04 1232	0.03	1800	95	1605	0.0	0	0												
7 04 1233	0.04	1845	95	1605	0.0	0	0												
8 04 1234	0.06	1850	95	1605	0.0	0	0												
9 04 1235	0.08	1850	95	1605	0.0	0	0												
10 04 1240	0.16	1950	95	1605	0.0	0	0												
11 04 1245	0.24	1940	85	1630	0.0	0	0												
12 04 1250	0.33	1957	82	1630	0.0	0	0												
13 04 1255	0.41	1950	77	1630	0.0	0	0												
14 04 1300	0.49	1955	75	1670	0.0	0	0												
15 04 1315	0.74	1940	67	1655	0.0	0	0												
16 04 1330	0.99	1940	65	1640	0.0	0	0												
17 04 1338	1.13	PERFORATING GUNS AT SURFACE 1940	63	1640	0.0	0	0												

317198

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY, MO, YR.)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	4	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($_{H_2O}^{IN}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 04		PUMPED CLOSE SSLV																	
1345	1.24	1940	62	1640	0.0	0	0												
2 04		BLED DOWN SURFACE EQUIPMENT																	
1350	1.33	0	60	1640	0.0	0	0												
3 04		RIGGED DOWN SCHLUMBERGER																	
1350	1.33	0	60	1640	0.0	0	0												
4 04		EQUALIZED PRESSURE ACROSS SSLV																	
1545	3.24	1985	47	1600	0.0	0	0												
5 04		P.L.T. IN LUBRICATOR																	
1545	3.24	1985	47	1600	0.0	0	0												
6 04		PUMPED OPEN SSLV																	
1548	3.29	1985	47	1600	0.0	0	0												
7 04		PUMPED CLOSE SSLV. BLED DOWN PRESSURE																	
1602	3.53	1985	47	1600	0.0	0	0												
8 04		RIGGED DOWN LUBRICATOR FOR MODIFICATION TO																	
1602	3.53	1985	47	1600	0.0	0	0												
9 04		SCHLUMBERGER GAUGE																	
1602	3.53	1985	47	1600	0.0	0	0												
10 04		EQUALIZED ACROSS SSLV																	
1626	3.93	1965	47	1500	0.0	0	0												
11 04		PUMPED OPEN SSLV																	
1628	3.96	1965	47	1500	0.0	0	0												
12 04		P.L.T. RAN IN HOLE																	
1632	4.03	1965	47	1500	0.0	0	0												
13 04																			
1649	4.31	1985	47	1435	0.0	0	0												
14 04																			
1700	4.49	1990	47	1435	0.0	0	0												
15 04																			
1715	4.74	1990	47	1430	0.0	0	0												
16 04																			
1730	4.99	2000	47	1423	0.0	0	0												
17 04																			
1745	5.24	2000	47	1409	0.0	0	0												

317199

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	5	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 "	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

	TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
	DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
	24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	(IN H_2O)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1	04		OPENED WELL THROUGH 64/64" ADJ CHOKE TO FLARE																	
	1800	5.49	2000	47	1395	0.0	0	64												
2	04		SHUT-IN WELL / FLARE WENT OFF																	
	1801	0.01	1990	47	1395	0.0	0	0												
3	04		OPENED WELL THROUGH 64/64" ADJUSTABLE CHOKE																	
	1805	0.06	1990	47	1395	0.0	0	64												
4	04		SHUT-IN WELL / FLARE WENT OFF																	
	1806	0.01	1960	47	1400	0.0	0	0												
5	04		OPENED WELL THROUGH 64/64" ADJ CHOKE TO FLARE																	
	1810	0.06	1960	48	1400	0.0	0	64												
6	04																			
	1811	0.01	1950	49	1405	0.0	0	64												
7	04																			
	1812	0.03	1910	50	1410	0.0	0	64												
8	04																			
	1813	0.04	1680	56	1415	0.0	0	64												
9	04																			
	1814	0.06	1400	60	1420	0.0	0	64												
10	04																			
	1815	0.08	1200	65	1430	0.0	0	64												
11	04																			
	1816	0.09	920	70	1450	0.0	0	64												
12	04																			
	1817	0.11	920	75	1450	0.0	0	64												
13	04																			
	1818	0.13	1000	80	1480	0.0	0	64												
14	04																			
	1819	0.14	1090	85	1500	0.0	0	64												
15	04																			
	1820	0.16	1090	85	1510	0.0	0	64												
16	04																			
	1825	0.24	1240	100	1550	0.0	0	64												
17	04		SHUT-IN WELL / FLARE WENT OFF																	
	1828	0.29	1300	100	1550	0.0	0	0												

317200

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	6	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 "	–

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR-1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) (IN)	(64TH) (IN)	(INS)	(PSIG)	($_{H_2O}^{IN}$)	(°F)	% H.S	# 2 TANK OR METER READING (INS. OR BBL)	# 2 OIL TEMP (°F)	@60°F API	BSW (%)	# 2 TANK OR METER READING (INS. OR BBL)	(%)
1 04 1829	0.01	1520	105	1570	0.0	0	0												
2 04 1830	0.03	OPENED WELL THROUGH 64/64" ADJ CHOKE TO FLARE 1540	105	1580	0.0	0	64												
3 04 1831	0.01	1450	100	1590	0.0	0	64												
4 04 1832	0.03	1300	100	1610	0.0	0	64												
5 04 1833	0.04	1250	100	1610	0.0	0	64												
6 04 1834	0.06	1200	105	1620	0.0	0	64												
7 04 1835	0.08	1170	105	1630	0.0	0	64												
8 04 1840	0.16	1120	113	1650	0.0	0	64												
9 04 1845	0.24	1120	115	1680	0.0	0	64												
10 04 1850	0.33	1110	118	1690	0.0	0	64												
11 04 1851	0.34	CHANGED TO 80/64" POSITIVE CHOKE 1070	118	1700	0.0	0	80												
12 04 1852	0.36	920	119	1700	0.0	0	80												
13 04 1853	0.38	1000	119	1720	0.0	0	80												
14 04 1854	0.39	990	120	1730	0.0	0	80												
15 04 1855	0.41	980	120	1740	0.0	0	80												
16 04 1900	0.49	950	125	1500	0.0	0	80												
17 04 1905	0.58	940	125	1520	0.0	0	80												

3172201

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	7	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF RANGE (INS H2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@ 60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 04																			1
1910	0.66	930	126	1550	0.0	0	80												
2 04																			2
1915	0.74	930	128	1610	0.0	0	80												
3 04																			3
1930	0.99	930	130	1655	0.0	0	80												
4 04		0.2% SEDIMENT / 0.3% WATER / 99.5% OIL																	4
1945	1.24	900	133	1670	0.0	0	80												
5 04		FLOW DIVERTED THROUGH SEPARATOR																	5
1950	1.33	940	133	1500	0.0	0	80												
6 04																			6
2000	1.49	995	134	1570	0.0	0	80												
7 04																			7
2015	1.74	995	135	1600	0.0	0	80												
8 04																			8
2030	1.99	990	135	1640	0.0	0	80												
9 04		CO2 = 4%											0.790	13.50	0		1.00	0.00	9
2045	2.24	965	135	1660	0.0	0	80	0	3.250	625	64	109	0.000	0.00	0	0.00	0.00	0.00	0.00
10 04		CO2 = 6%											0.790	22.00	106		1.00	122.95	10
2100	2.49	970	135	1530	0.0	0	80	0	3.250	625	58	111	0.000	0.00	0	50.60	0.00	0.00	0.00
11 04		CO2 = 6%											0.790	31.00	107		1.00	123.34	11
2115	2.74	970	135	1550	0.0	0	80	0	3.250	625	58	110	0.000	0.00	0	50.60	0.00	0.00	0.00
12 04		CO2 = 6%											0.790	40.00	108		1.00	123.60	12
2130	2.99	960	135	1550	0.0	0	80	0	3.250	620	56	112	0.000	0.00	0	50.60	0.00	0.00	0.00
13 04		CO2 = 6%											0.790	51.00	108		1.00	123.68	13
2145	3.24	950	135	1550	0.0	0	80	0	3.250	620	56	112	0.000	0.00	0	50.60	0.00	0.00	0.00
14 04		CO2 = 6%											0.790	59.50	109		1.00	123.82	14
2200	3.49	950	136	1625	0.0	0	80	0	3.250	620	56	112	0.000	0.00	0	50.60	0.00	0.00	0.00
15 04		CO2 = 7%											0.790	69.00	111		1.00	123.82	15
2215	3.74	955	136	1640	0.0	0	80	0	3.250	625	58	113	0.000	0.00	0	50.60	0.00	0.00	0.00
16 04		CO2 = 7.5%											0.790	79.00	112		1.00	124.73	16
2230	3.99	947	138	1650	0.0	0	80	0	3.250	625	56	114	0.000	0.00	0	50.60	0.00	0.00	0.00
17 04		CO2 = 7.5%											0.790	89.00	110		1.00	124.73	17
2245	4.24	935	138	1650	0.0	0	80	0	3.250	625	56	113	0.000	0.00	0	50.60	0.00	0.00	0.00

31720Z

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	040CT85	8	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 "	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS H_2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS	TEMP	CASING PRESS	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS	DIFF PRESS	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_t	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($_{H_2O}^{IN}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS OR BBL)	(%)
1 04		CO2 = 7.5%										1	0.790	99.00	110		1.00	125.84	1
2300	4.49	945	138	1680	0.0	0	80	0	3.250	625	56	113	0.000	0.00	0	50.60	0.00	0.00	0.00
2 23		CO2 = 7.5%										2	0.790	109.00	110		1.00	125.84	2
2315	4.74	935	138	1545	0.0	0	80	0	3.250	625	56	113	0.000	0.00	0	50.60	0.00	0.00	0.00
3 23		PUMPED OUT STOCK TANK										3							3
2320	4.83	935	138	1545	0.0	0	80												
4 04		CO2 = 7.5%										4	0.790	0.00	0		1.00	0.00	4
2330	4.99	950	138	1560	0.0	0	80	0	3.250	655	50	114	0.000	0.00	0	0.00	0.00	0.00	0.00
5 04		CO2 = 7.5%										5	0.790	0.00	0		1.00	127.25	5
2345	5.24	950	138	1590	0.0	0	80	0	3.250	655	50	114	0.000	0.00	0	0.00	0.00	0.00	0.00
6 04		CO2 = 7.5%										6	0.786	0.00	0		1.00	127.25	6
2400	5.49	950	138	1600	0.0	0	80	0	3.250	655	50	114	0.000	0.00	0	0.00	0.00	0.00	0.00
7 05		CO2 = 7.5										7	0.786	0.00	0		1.00	128.32	7
0015	5.74	950	138	1600	0.0	0	80	0	3.250	655	50	114	0.000	0.00	0	0.00	0.00	0.00	0.00
8 05		BYPASS SEPARATOR										8							8
0025	5.91	960	138	1600	0.0	0	80												
9 05												9							9
0030	5.99	960	140	1650	0.0	0	80												
10 05		WELL SHUT-IN AT CHOKE MANIFOLD										10							10
0033	6.04	960	140	1650	0.0	0	0												
11 05												11							11
0034	0.01	1150	140	1650	0.0	0	0												
12 05												12							12
0035	0.03	1350	140	1650	0.0	0	0												
13 05												13							13
0036	0.04	1450	140	1650	0.0	0	0												
14 05												14							14
0037	0.06	1570	140	1650	0.0	0	0												
15 05												15							15
0038	0.08	1600	140	1650	0.0	0	0												
16 05												16							16
0040	0.11	1780	140	1650	0.0	0	0												
17 05												17							17
0045	0.19	1870	140	1630	0.0	0	0												

317203

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO. YR.)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	050CT85	9	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 ,	-

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS. H_2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME	WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY / 24 HOUR CLOCK	FLOW OR SHUT-IN DURATION (HOURS)	TUBING PRESS. (PSIG)	TEMP. (°F)	CASING PRESS. (PSIG)	B H P (PSIG)	B H T (°F)	MAN. CHOKE (64TH) IN)	HEATER CHOKE (64TH) IN)	ORIFICE SIZE (INS)	STATIC PRESS. (PSIG)	DIFF. PRESS. ($\frac{IN}{H_2O}$)	TEMP (°F)	GAS GRAVITY (AIR=1) / % H_2S	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	# 1 OIL TEMP (°F) / # 2 OIL TEMP (°F)	OIL GRAVITY @ 60°F °API	W_f BSW (%)	# 1 TANK OR METER READING / # 2 TANK OR METER READING (INS OR BBL)	SALINITY (%)
1 05 0050	0.28	1885	120	1630	0.0	0	0												
2 05 0055	0.36	1930	120	1610	0.0	0	0												
3 05 0100	0.44	1930	115	1610	0.0	0	0												
4 05 0115	0.69	1944	107	1610	0.0	0	0												
5 05 0130	0.94	1975	101	1570	0.0	0	0												
6 05 0145	1.19	1990	94	1550	0.0	0	0												
7 05 0200	1.44	1989	87	1500	0.0	0	0												
8 05 0215	1.69	1994	83	1470	0.0	0	0												
9 05 0230	1.94	1998	75	1550	0.0	0	0												
10 05 0245	2.19	2012	71	1540	0.0	0	0												
11 05 0300	2.44	2015	67	1500	0.0	0	0												
12 05 0315	2.69	2015	67	1460	0.0	0	0												
13 05 0330	2.94	2032	67	1450	0.0	0	0												
14 05 0345	3.19	2047	65	1540	0.0	0	0												
15 05 0400	3.44	2065	64	1515	0.0	0	0												
16 05 0415	3.69	2057	64	1500	0.0	0	0												
17 05 0430	3.94	2057	63	1470	0.0	0	0												

317204

FIELD READINGS
SINGLE STAGE UNIT
OEC - 905-1-A

TEST NO.	WELL NAME OR NUMBER	TEST UNIT DESCRIPTION	DATE (DAY MO YR)	PAGE	OF
DST#3	YOLLA #1	1440PSI 3PHASE SEPARATOR	050CT85	10	10

CUSTOMER	FIELD	FORMATION	OIL METER SIZE	METER RANGE (BBLS)
AMOCO AUSTRALIA PETROLEUM LTD	WILDCAT	SANDSTONE	0 ,	--

INTERVAL TESTED	BHP SURVEY DEPTH	GAS PRODUCED TO	GAS METER RUN SIZE	DIFF. RANGE (INS. H_2O)	STATIC PRESSURE TAKEN
1813-1833.7M (FT.)	(FT.)	☐ PIPELINE ☒ FLARE	5.761 (INS)	0-100	☐ UPSTREAM ☒ DOWNSTREAM

TIME		WELLHEAD DATA			DOWNHOLE DATA		FLOW CONTROL		GAS METERING					OIL OR CONDENSATE METERING				WATER METERING	
DAY	FLOW OR SHUT-IN DURATION	TUBING PRESS.	TEMP.	CASING PRESS.	BHP	BHT	MAN. CHOKE	HEATER CHOKE	ORIFICE SIZE	STATIC PRESS.	DIFF. PRESS.	TEMP	GAS GRAVITY (AIR=1)	# 1 TANK OR METER READING	# 1 OIL TEMP	OIL GRAVITY	W_f	# 1 TANK OR METER READING	SALINITY
24 HOUR CLOCK	(HOURS)	(PSIG)	(°F)	(PSIG)	(PSIG)	(°F)	(64TH) IN)	(64TH) IN)	(INS)	(PSIG)	($\frac{IN}{H_2O}$)	(°F)	% H_2S	# 2 TANK OR METER READING (INS. OR BBL)	# 2 OIL TEMP (°F)	@60°F °API	BSW (%)	# 2 TANK OR METER READING (INS. OR BBL)	(%)
1 05 0445	4.19	2060	62	1465	0.0	0	0												
2 05 0500	4.44	2084	61	1550	0.0	0	0												
3 05 0515	4.69	2090	60	1525	0.0	0	0												
4 05 0530	4.94	2100	60	1500	0.0	0	0												
5 05 0545	5.19	SCHLUMBERGER STARTED PULLING OUT OF HOLE 2100	60	1500	0.0	0	0												
6 05 0600	5.44	2104	58	1475	0.0	0	0												
7 05 0615	5.69	2107	57	1570	0.0	0	0												
8 05 0630	5.94	2109	57	1560	0.0	0	0												
9 05 0645	6.19	SCHLUMBERGER AT SURFACE 2110	57	1560	0.0	0	0												
10 05 0700	6.44	PUMPED CLOSE SSLV 2110	57	1560	0.0	0	0												
11 05 0715	6.69	BLED OFF SURFACE PRESSURE 0	57	1560	0.0	0	0												
12 05 0730	6.94	RIGGED DOWN SCHLUMBERGER 0	57	1600	0.0	0	0												
13 05 0845	8.19	PUMPED OPEN SSLV 2100	57	1600	0.0	0	0												
14 05 0850	8.28	BULL HEAD FORMATION FLUID INTO FORMATION																	
15 05 0850	8.28	ENDING DST #3																	
16																			
17																			

Computer-Forms Tapper Moore

JOLLA
SF
FLOW
SUPERIOR CHARTS
DST 1
RATE 1
METER NUMBER
TIME PUT ON
19:00 H
DATE PUT ON
16/9 19 89
TIME TAKEN OFF
22:15 H
DATE TAKEN OFF
16/9 19 89
MW-M 1500-H
P1500-W100
SIGNED
SEPARATOR
PRESSURE
DIFFERENTIAL
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
12 MIDNIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
PRINTED IN U.S.A.
5 cm

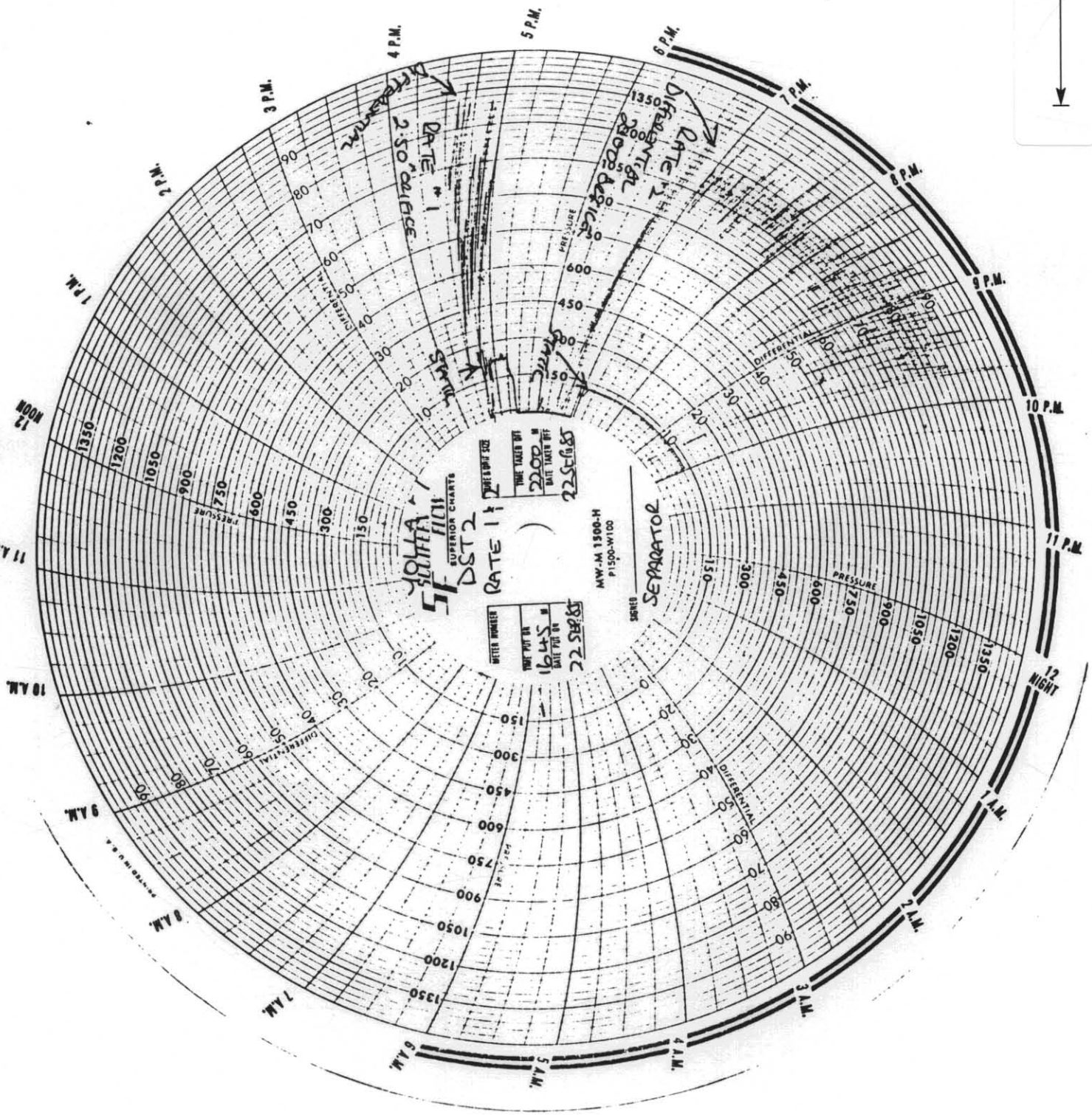
31?

YOLLA
SQUIFFY
FLOW
SUPERIOR CHARTS
DST 1
RATE 2
METER NUMBER
TIME PUT ON
1600 H
DATE PUT ON
17 SEP
TYPE & DRIFT SIZE
TIME TAKEN OFF
1930 H
DATE TAKEN OFF
17 SEP
MW-M 1500-H
P1500-W100
SIGNED SEPARATOR
PRESSURE
DIFFERENTIAL
STATIC
DIFFERENTIAL
9:30 CHANGES
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
12 MIDNIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
PRINTED IN U.S.A.

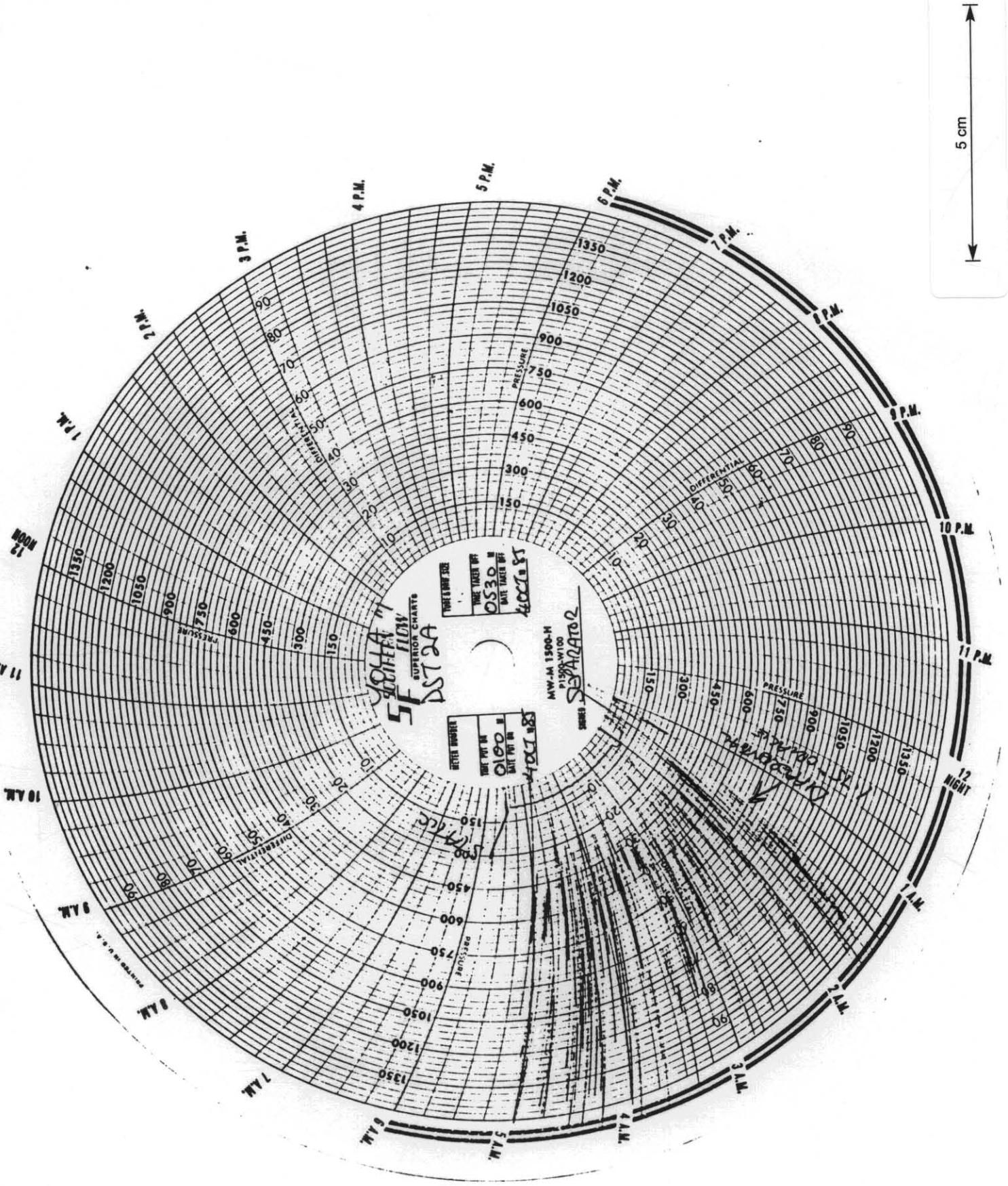
5 cm

3172207

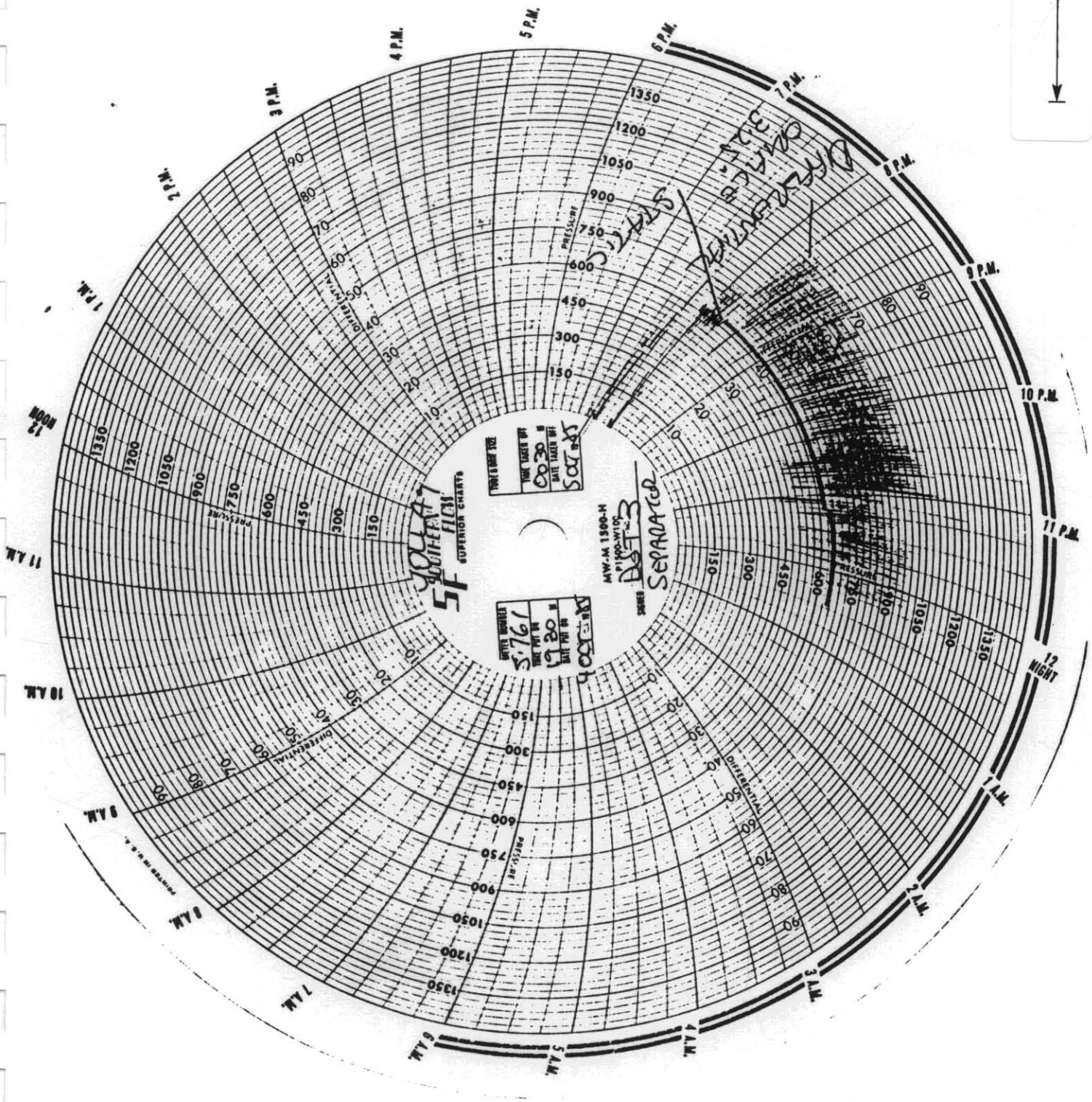
317208


5 cm
SQUARE FLOW
SUPERIOR CHARTS
DST 2
RATE 1
METER NUMBER
TIME PUT ON
DATE PUT ON
TIME TAKEN OFF
DATE TAKEN OFF
SERIES
MW-M 1500-H
P1500-W100
SEPARATOR
PRESSURE
DIFFERENTIAL
12 NOON
12 MIDNIGHT

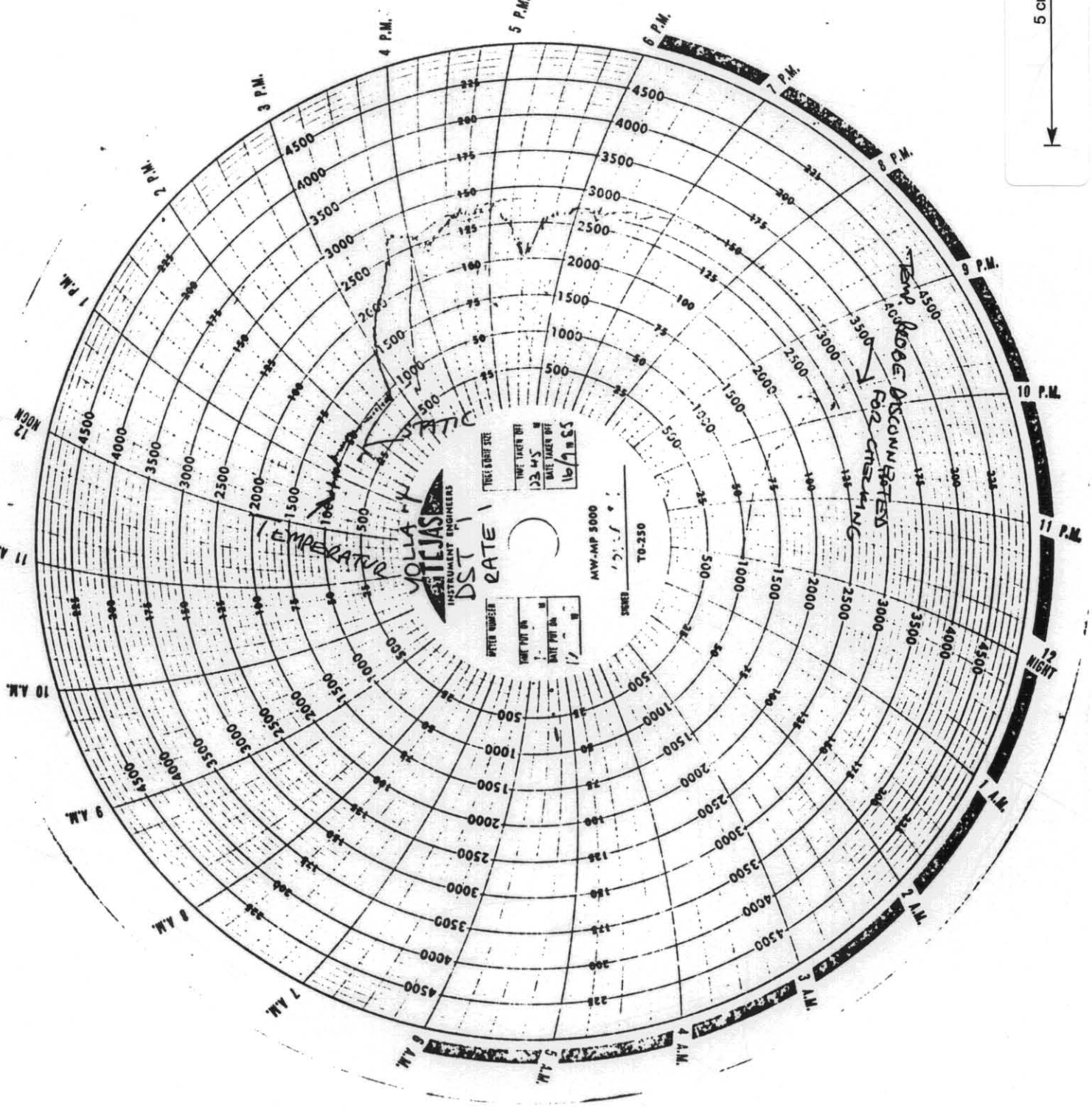
317209


5 cm
SCHLUMBERGER
SURFACE READOUT
RECORDER
DST 2A
TIME TAKEN OFF
05:30
DATE TAKEN OFF
4 OCT 85
TIME PUT ON
0100
DATE PUT ON
28 SEP 85
MW-M 1500-H
P1500-W100
SERIES
SERIAL NO.
PRESSURE
DIFFERENTIAL
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
12 MIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.

317210

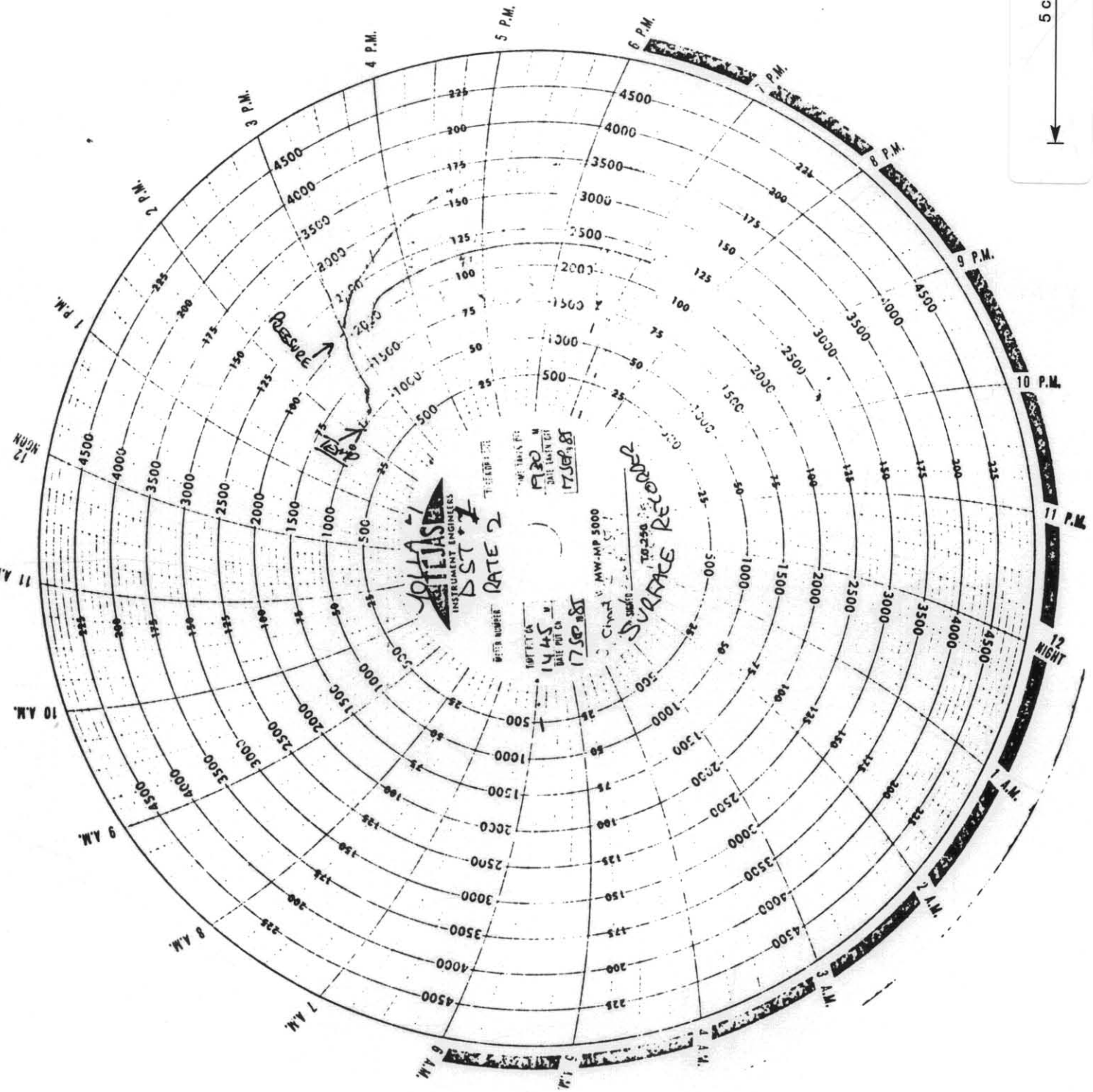

5 cm
SQUARE FLOW
SUPERIOR CHARTS
MW-M 1500-H
SEPARATOR
DEHY
SAT BAT
PRESSURE
DIFFERENTIAL
12 NOON
12 MIGHT

317211

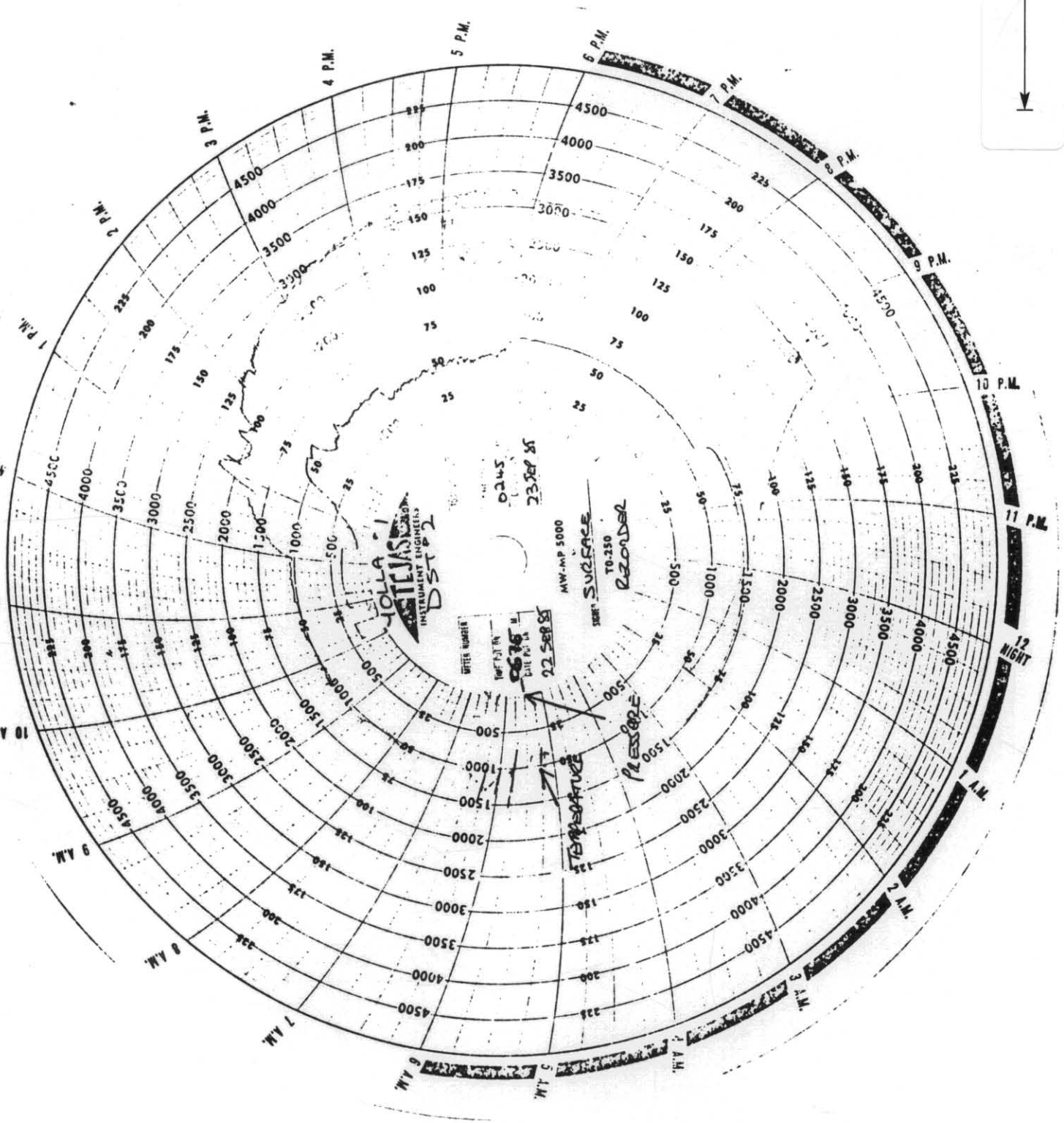

VOLLA TEJAS
INSTRUMENT ENGINEERS
MW-MP 3000
TO-250
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
12 MIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.

5 cm

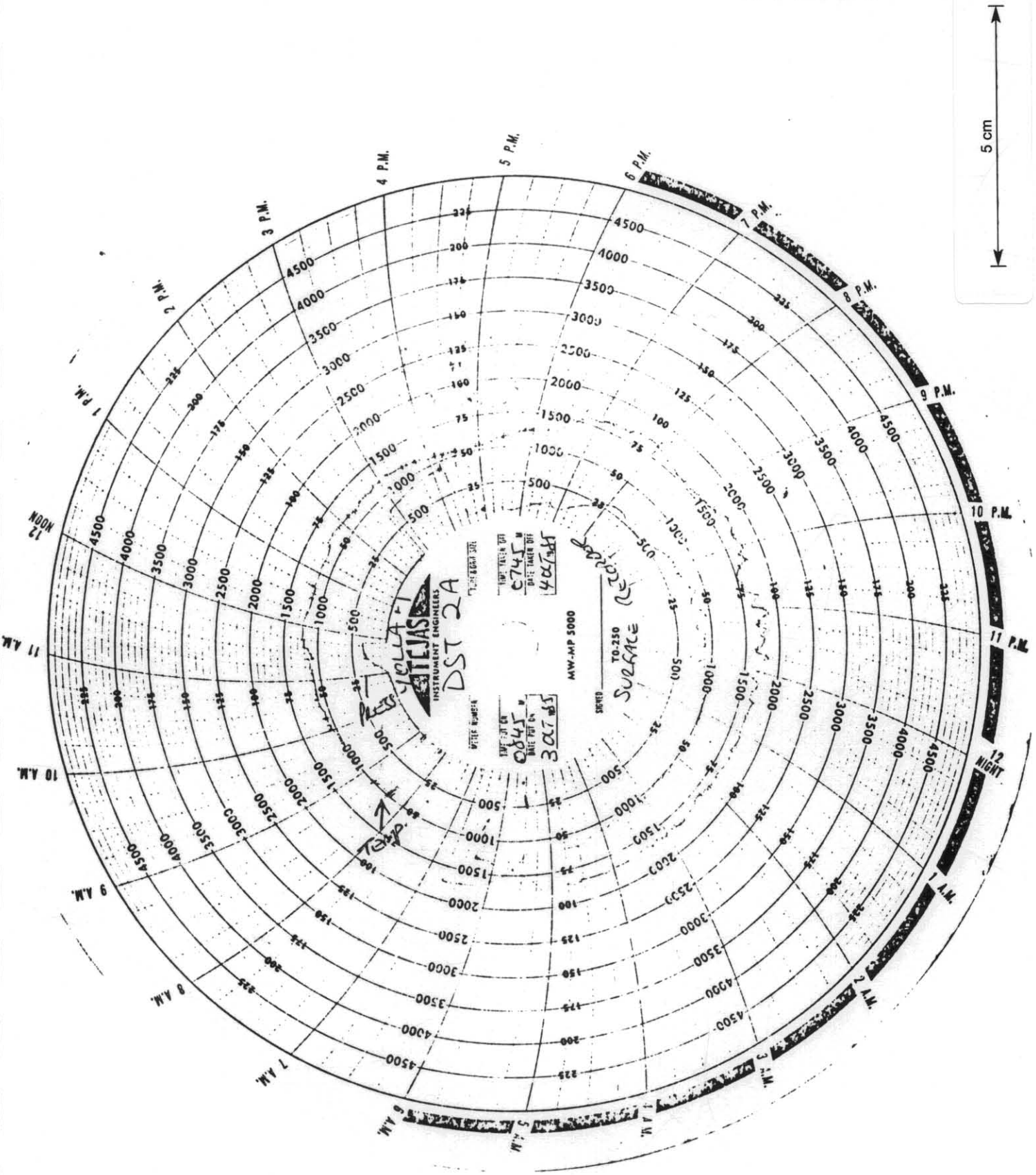
317212


5 cm
TEJAS
INSTRUMENT ENGINEERS
DST 2
DATE 2
SURFACE READOUT
PRESSURE
TEMP
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
12 NIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.

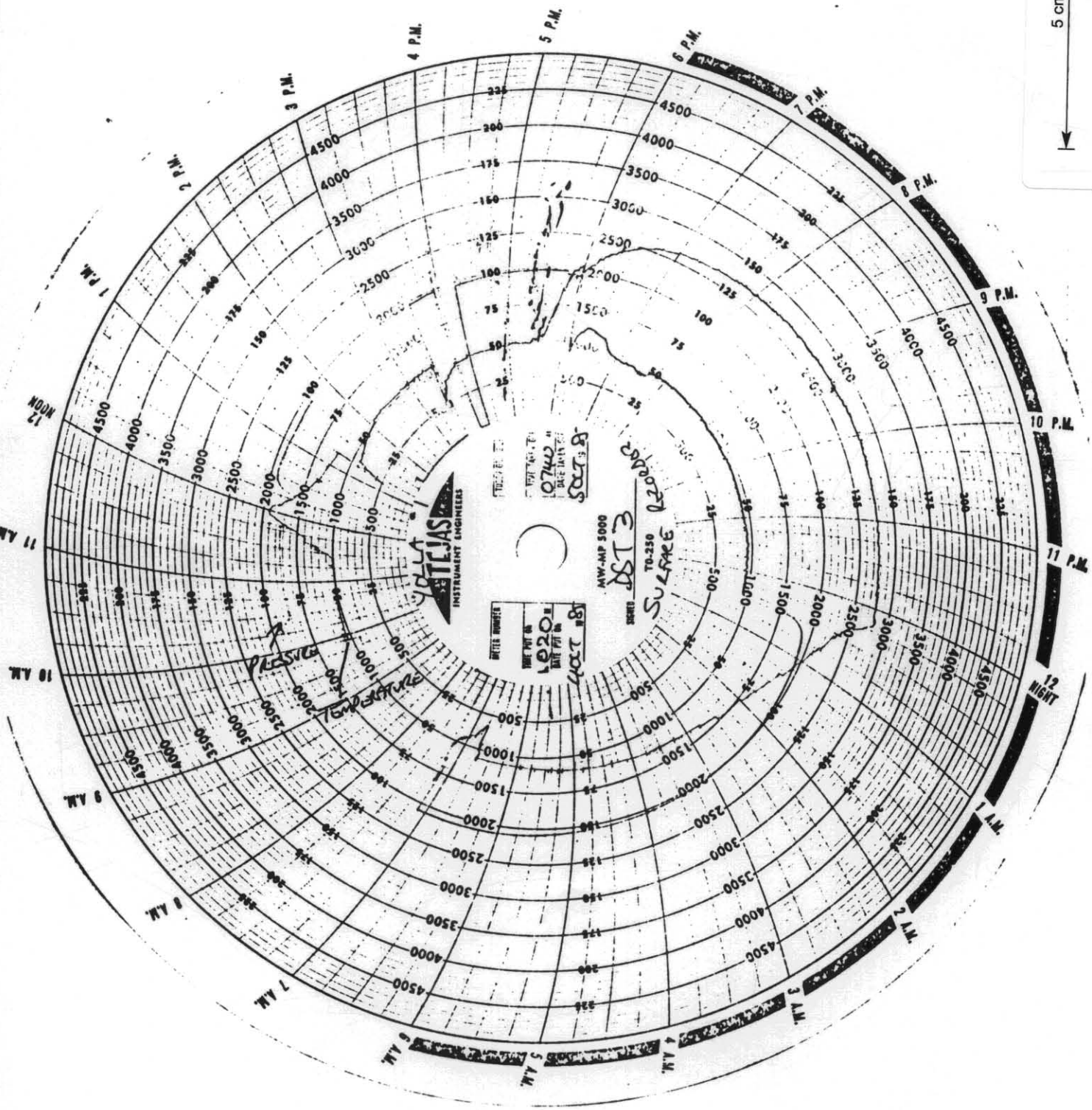
317213


5 cm
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
12 NIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
4500
4000
3500
3000
2500
2000
1500
1000
500
225
200
175
150
125
100
75
50
25
JOLLA
TEJAS
INSTRUMENT ENGINEERS
DSTD 2
0245
23 Sep 85
MW-MP 5000
SURFACE
TO-250
Azondale
9636
22 Sep 85
Pressure
Temperature

317214


5 cm
TEJAS
INSTRUMENT ENGINEERS
DST 2A
MW-MP 5000
TO-250
SURFACE
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
12 NIGHT
1 A.M.
2 A.M.
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.

317215


5 cm
TEJAS
INSTRUMENT ENGINEERS
MW-MP 5000
TD-250
1620
0744
12 NIGHT
12 NOON

ENCLOSURE. 3.

317216

OTIS

OTIS ENGINEERING CORPORATION
BOTTOM HOLE PRESSURE
REPORTS

AMOCO AUSTRALIA LTD
YOLLA # 1, DST # 1
16/9/85 R211/85

317217

JN/MS/933/85

OTIS

P.O. BOX 324, SALE,
VICTORIA, 3850, AUSTRALIA.
Telephone: 44 3212
Telex: OTISALE
AA51140

October 14, 1985

Amoco Australia Ltd.,
10 Lampton Ave,
DERWENT PARK, HOBART, TAS., 7009

Dear Sir,

Please find enclosed the final report for the Yolla # 1, DST # 1, dated September 16, 1985.

If there are any queries concerning the above please do not hesitate to contact me.

Otis Engineering Corporation wish to thank Amoco for this opportunity to complete your B.H.P. work with our Electric Line Unit, and hope in the future Amoco Australia will give Otis the opportunity to complete more of your B.H.P. Surveys.

Yours sincerely,

JOHN NICHOLSON
OTIS ENGINEERING CORPORATION
AUSTRALIA, NEW ZEALAND & PAPUA NEW GUINEA

Encl/..

317218

OTIS

SEQUENCE OF OPERATIONS

OEC—872-B

TEST NUMBER	RIG NAME	PAGE	OF
# 1	ROBERT F. BAUER	1	2

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA	YOOLA # 1	WIDLCAT	TASMANIA

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
BILL BAACH	JOHN NICHOLSON

	DATE	TIME	OPERATIONS	
1	15/9/85	1102	PUT X NIPPLE IN STRING WITH RECEPTACLE LOCKED IN	1
2	16/9/85	1118	TEST LUBRICATOR TO 5000 PSI, TEST OK	2
3	"	1150	SHUT KILL VALVE,OPEN MASTER VALVE	3
4	"	1209	R.I.H.	4
5	"	1237	COMPUTOR ON	5
6	"	1320	TAGGED D.H.S.I.T. RECEPTACLE.	6
7	"	1325	WORK OUT STRETCH IN NEW CABLE	7
8	"	1330	POOH TO 50' ABOVE D.H.S.I.T. RECEPTACLE	8
9	"	1337	ON DEPTH OF 8694' (2650m) CHANGE TO 5 SEC. READINGS	9
10	"	1338	OPEN LPR TOOL	10
11	"	1349	WELL OPEN TO TANK ON 24/64 CHOKE	11
12	"	1351	WELL SHUT IN @ CHOKE MANIFOLD	12
13	"	1526	OPENED WELL ON 12/64 CHOKE	13
14	"	1555	CHANGED TO CHOKE SIZE 14/64	14
15	"	1600	CHANGED TO CHOKE SIZE 16/64	15
16	"	1604	" " 18/64	16
17	"	1610	" " 14/64	17
18	"	1615	C02 11% - H2S 0%	18
19	"	1644	CHANGED TO CHOKE SIZE 16/64	19

OTIS

SEQUENCE OF OPERATIONS

OEC—872-B

TEST NUMBER	RIG NAME	PAGE
# 1	ROBERT F. BAUER	2

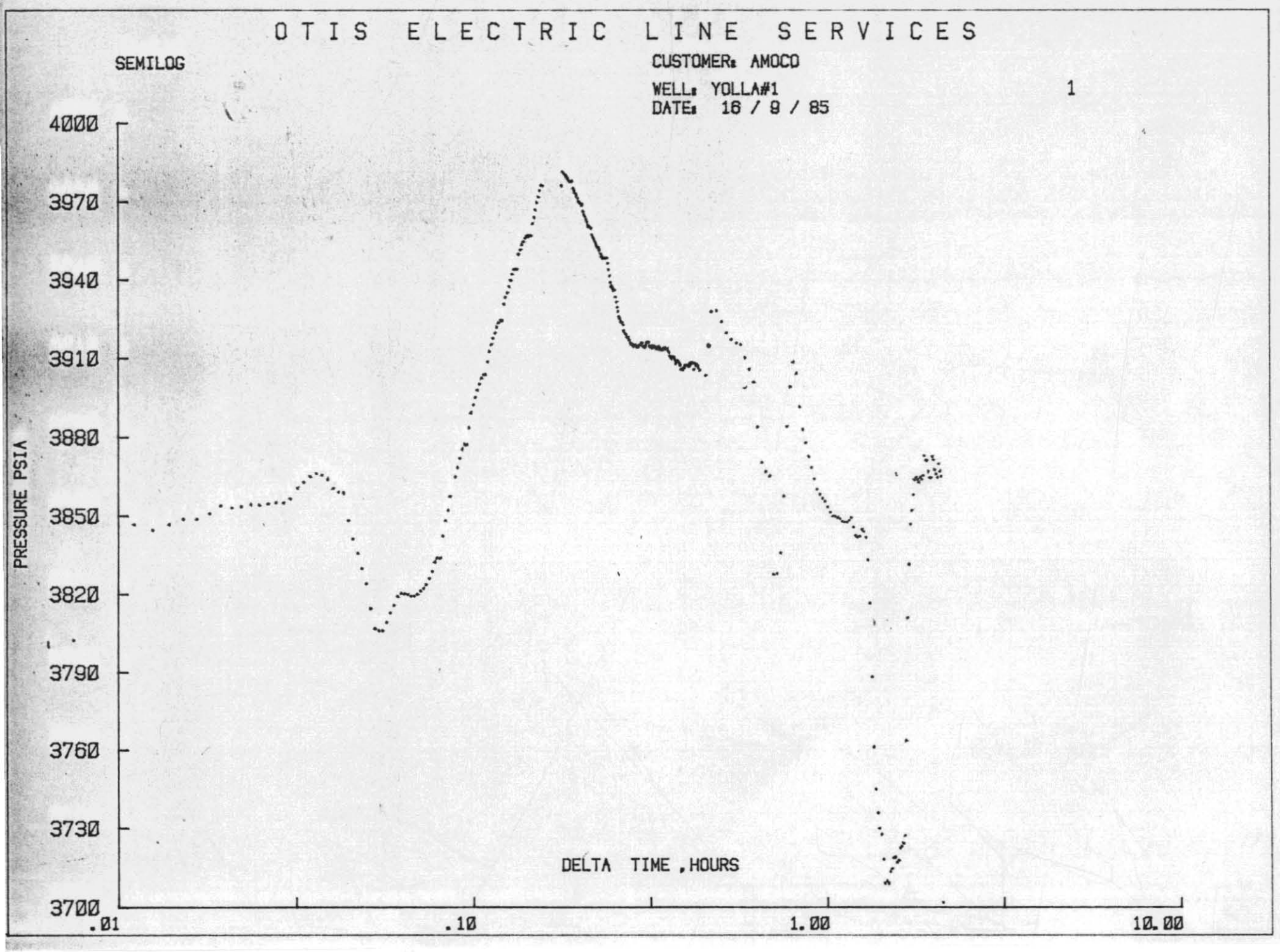
CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA	YOLLA # 1	WILDCAT	TASMANIA

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
BILL BAACH	JOHN NICHOLSON

	DATE	TIME	OPERATIONS
1	16/9/85	1645	CHANGED TO CHOKE SIZE 18/64
2	"	1647	" " 20/64
3	"	1648	" " 24/64
4	"	1649	" " 28/64
5	"	1651	" " 30/64
6	"	1720	GAS DISCOVERED COMING UP THROUGH SHAKERS. RIG PERSONNAL INFORMED.
7	"	1734	LPR VALVE CLOSED?
8	"	1745	GO TO RIG FLOOR TO SEE WHAT HAPPENED TO PRESSURE. FOUND OUT THAT LPR IS SHUT BUT THEY ARE STILL
9			FLOWING TUBING. TOLD THEY ARE BLEEDING DOWN TUBING, RETURN TO COMPUTOR SHACK
10	"	1759	PROGRAM ENDED, GO BACK TO RIG FLOOR, THEY HAVE OPENED.
11	"	1800	LPR BLOWN OUT OF HOLE. ESTIMATED DIFFERENTIAL ACROSS LPR @ 3300 PSI.
12			
13			
14			
15			
16			
17			
18			
19			

317220

5 cm


OTIS ELECTRIC LINE SERVICES
SEMILOG
CUSTOMER: AMOCO
WELL: YOLLA#1
DATE: 16 / 9 / 85
1
PRESSURE PSIA
4000
3970
3940
3910
3880
3850
3820
3790
3760
3730
3700
DELTA TIME , HOURS
.01
.10
1.00
10.00

5 cm

OTIS ELECTRIC LINE SERVICES

LINEAR

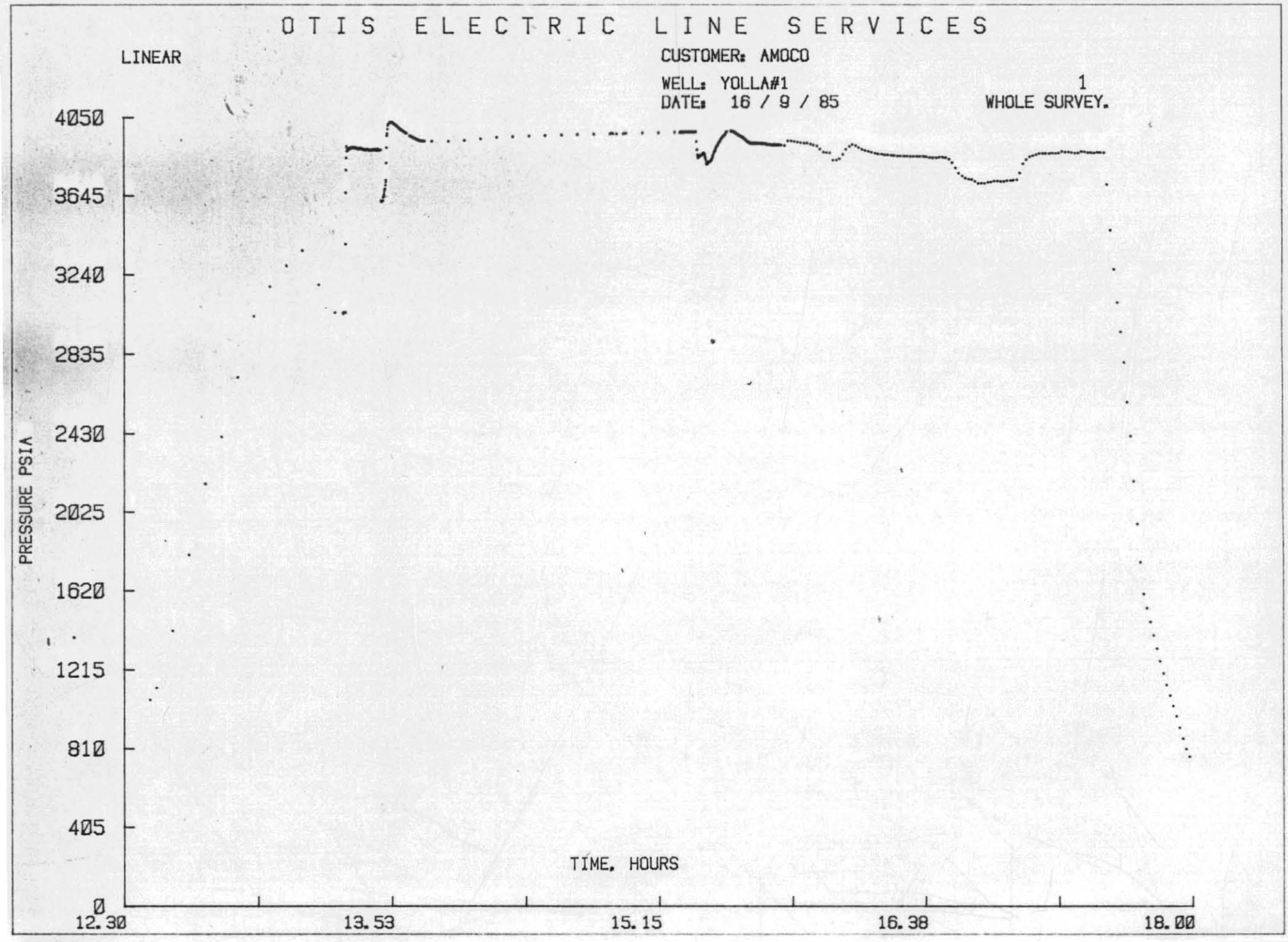
CUSTOMER: AMOCO

WELL: YOLLA#1

DATE: 16 / 9 / 85

1

WHOLE SURVEY.



317222

OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	1	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1237:00	1038.52	1038.52	128.19						COMPUTER ON.	1
2	16	1238:00	1060.47	21.94	130.45							2
3	16	1240:00	1122.71	62.24	134.09							3
4	16	1245:00	1414.10	291.39	145.33							4
5	16	1250:00	1804.92	390.82	159.86							5
6	16	1255:00	2171.41	366.49	176.16							6
7	16	1300:00	2413.58	242.17	191.26							7
8	16	1305:00	2716.89	303.31	203.38							8
9	16	1310:00	3030.25	313.37	217.11							9
10	16	1315:00	3180.31	150.06	230.44							10
11	16	1320:00	3287.84	107.53	239.18							11
12	16	1325:00	3365.45	77.61	244.24							12
13	16	1330:00	3189.52	-175.93	246.21							13
14	16	1335:00	3047.36	-142.16	246.48							14
15	16	1337:25	3046.37	-.98	246.61					0	ON DEPTH AT 2650M.RKB.	15
16	16	1337:30	3043.29	-3.08	246.61							16
17	16	1337:35	3048.93	5.64	246.61							17
18	16	1337:40	3048.74	-.19	246.61							18
19	16	1337:45	3050.49	1.75	246.61							19
20	16	1337:50	3049.52	-.97	246.61							20
21	16	1337:55	3049.91	.39	246.58							21
22	16	1338:00	3049.91	0.00	246.59						OPEN LPR TOOL.	22
23	16	1338:05	3049.91	0.00	246.67							23
24	16	1338:10	3049.53	-.37	246.67							24
25	16	1338:15	3049.05	-.49	246.67							25
26	16	1338:20	3397.93	348.89	246.67							26
27	16	1338:25	3662.56	264.62	246.67							27
28	16	1338:30	3777.26	114.71	246.67							28
29	16	1338:35	3840.49	63.23	246.67							29
30	16	1338:40	3901.01	60.51	246.62							30
31	16	1338:45	3892.48	-8.52	246.69							31
32	16	1338:50	3874.20	-18.29	246.69							32
33	16	1338:55	3878.66	4.47	246.69							33
34	16	1339:00	3878.27	-.39	246.69					780		34
35	16	1339:05	3882.27	4.00	246.69							35
36	16	1339:10	3879.15	-3.12	246.69							36
37	16	1339:15	3884.32	5.17	246.69							37
38	16	1339:20	3884.32	0.00	246.78							38

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317223

OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	2	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1339:25	3884.32	0.00	246.88							1
2	16	1339:30	3889.39	5.07	246.95							2
3	16	1339:35	3888.80	-.59	246.95							3
4	16	1339:40	3891.05	2.25	246.95							4
5	16	1339:45	3893.88	2.83	246.95							5
6	16	1339:50	3889.98	-3.90	246.95							6
7	16	1339:55	3892.32	2.34	246.95							7
8	16	1340:00	3891.34	-.98	247.04							8
9	16	1340:05	3891.34	0.00	247.20							9
10	16	1340:10	3892.23	.89	247.29							10
11	16	1340:15	3895.27	3.04	247.29							11
12	16	1340:20	3892.04	-3.22	247.29							12
13	16	1340:25	3894.39	2.34	247.29							13
14	16	1340:30	3892.63	-1.76	247.29							14
15	16	1340:35	3893.02	.39	247.29							15
16	16	1340:40	3892.04	-.98	247.33							16
17	16	1340:45	3892.04	0.00	247.49							17
18	16	1340:50	3892.04	0.00	247.59							18
19	16	1340:55	3894.20	2.15	247.59							19
20	16	1341:00	3892.25	-1.95	247.59							20
21	16	1341:05	3894.78	2.54	247.59							21
22	16	1341:10	3891.46	-3.32	247.59							22
23	16	1341:15	3895.27	3.81	247.59							23
24	16	1341:20	3893.12	-2.15	247.59							24
25	16	1341:25	3892.25	-.88	247.70							25
26	16	1341:30	3891.32	-.92	247.78							26
27	16	1341:35	3891.75	.43	247.78							27
28	16	1341:40	3888.60	-3.15	247.78							28
29	16	1341:45	3891.04	2.44	247.78							29
30	16	1341:50	3890.75	-.29	247.78							30
31	16	1341:55	3889.58	-1.17	247.78							31
32	16	1342:00	3889.87	.29	247.78					800		32
33	16	1342:05	3889.87	0.00	247.84							33
34	16	1342:10	3889.87	0.00	247.93							34
35	16	1342:15	3889.92	.04	247.97							35
36	16	1342:20	3888.47	-1.44	247.97							36
37	16	1342:25	3887.79	-.68	247.97							37
38	16	1342:30	3887.30	-.49	247.							38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	3	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1342:35	3888.18	.88	247.97							1
2	16	1342:40	3887.20	-.98	247.97							2
3	16	1342:45	3888.67	1.46	247.98							3
4	16	1342:50	3888.67	0.00	248.07							4
5	16	1342:55	3888.52	-.14	248.14							5
6	16	1343:00	3891.95	3.42	248.14					810		6
7	16	1343:05	3887.95	-4.00	248.14							7
8	16	1343:10	3886.58	-1.37	248.14							8
9	16	1343:15	3886.19	-.39	248.14							9
10	16	1343:20	3885.60	-.59	248.14							10
11	16	1343:25	3885.90	.29	248.14							11
12	16	1343:30	3885.90	0.00	248.16							12
13	16	1343:35	3885.90	0.00	248.24							13
14	16	1343:40	3883.88	-2.02	248.24							14
15	16	1343:45	3883.98	.10	248.24							15
16	16	1343:50	3884.27	.29	248.24							16
17	16	1343:55	3885.44	1.17	248.24							17
18	16	1344:00	3885.35	-.10	248.24							18
19	16	1344:05	3885.64	.29	248.24							19
20	16	1344:10	3880.37	-5.27	248.18							20
21	16	1344:15	3881.35	.98	248.29							21
22	16	1344:20	3882.51	1.16	248.29							22
23	16	1344:25	3880.48	-2.03	248.29							23
24	16	1344:30	3881.46	.98	248.29							24
25	16	1344:35	3882.92	1.46	248.29							25
26	16	1344:40	3882.76	-.16	248.29							26
27	16	1344:45	3882.82	.07	248.29							27
28	16	1344:50	3880.38	-2.44	248.29							28
29	16	1344:55	3881.46	1.07	248.29							29
30	16	1345:00	3885.36	3.90	248.24					820		30
31	16	1345:05	3885.36	0.00	248.31							31
32	16	1345:10	3883.03	-2.33	248.34							32
33	16	1345:15	3884.01	.98	248.34							33
34	16	1345:20	3881.87	-2.15	248.34							34
35	16	1345:25	3882.55	.68	248.34							35
36	16	1345:30	3881.18	-1.37	248.34							36
37	16	1345:35	3881.38	.20	248.34							37
38	16	1345:40	3879.03	-2.34	248.31							38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	4	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1345:45	3879.03	0.00	248.34							1
2	16	1345:50	3879.03	0.00	248.41							2
3	16	1345:55	3883.16	4.12	248.41							3
4	16	1346:00	3881.60	-1.56	248.41							4
5	16	1346:05	3881.69	.10	248.41							5
6	16	1346:10	3880.23	-1.46	248.41							6
7	16	1346:15	3880.04	-.20	248.41							7
8	16	1346:20	3881.01	.98	248.41							8
9	16	1346:25	3881.01	0.00	248.33							9
10	16	1346:30	3880.49	-.52	248.40							10
11	16	1346:35	3881.79	1.30	248.40							11
12	16	1346:40	3884.72	2.93	248.40							12
13	16	1346:45	3881.79	-2.93	248.40							13
14	16	1346:50	3879.45	-2.34	248.40							14
15	16	1346:55	3880.03	.59	248.40							15
16	16	1347:00	3882.77	2.73	248.40							16
17	16	1347:05	3882.77	0.00	248.33							17
18	16	1347:10	3882.77	0.00	248.39							18
19	16	1347:15	3882.87	.10	248.41							19
20	16	1347:20	3881.21	-1.66	248.41							20
21	16	1347:25	3885.79	4.59	248.41							21
22	16	1347:30	3881.40	-4.39	248.41							22
23	16	1347:35	3880.62	-.78	248.41							23
24	16	1347:40	3881.01	.39	248.41							24
25	16	1347:45	3878.67	-2.34	248.36							25
26	16	1347:50	3878.67	0.00	248.41							26
27	16	1347:55	3880.76	2.09	248.41							27
28	16	1348:00	3884.14	3.37	248.41							28
29	16	1348:05	3882.28	-1.85	248.41							29
30	16	1348:10	3880.43	-1.85	248.41							30
31	16	1348:15	3886.87	6.44	248.41							31
32	16	1348:20	3884.53	-2.34	248.41							32
33	16	1348:25	3879.84	-4.69	248.41							33
34	16	1348:30	3879.84	0.00	248.35							34
35	16	1348:35	3880.47	.63	248.41							35
36	16	1348:40	3878.86	-1.61	248.41							36
37	16	1348:45	3880.62	1.76	248.41							37
38	16	1348:50	3882.48	1.85	248.							38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	5	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1348:55	3882.57	.10	248.41				24			1
2	16	1349:00	3881.99	-.59	248.41				24	650	WELL OPEN TO TANK.	2
3	16	1349:05	3881.50	-.49	248.38				24			3
4	16	1349:10	3881.50	0.00	248.37				24			4
5	16	1349:15	3881.50	0.00	248.45				24			5
6	16	1349:20	3621.11	-260.39	248.45				24			6
7	16	1349:25	3613.79	-7.31	248.45				24			7
8	16	1349:30	3614.57	.78	248.45				24			8
9	16	1349:35	3617.21	2.63	248.45				24			9
10	16	1349:40	3618.47	1.27	248.45				24			10
11	16	1349:45	3619.74	1.27	248.45				24			11
12	16	1349:50	3620.13	.39	248.39				24			12
13	16	1349:55	3620.13	0.00	248.55				24			13
14	16	1350:00	3636.76	16.62	248.59				24	500		14
15	16	1350:05	3640.17	3.41	248.59				24			15
16	16	1350:10	3646.70	6.53	248.59				24			16
17	16	1350:15	3656.26	9.56	248.59				24			17
18	16	1350:20	3666.11	9.85	248.59				24			18
19	16	1350:25	3675.77	9.66	248.59				24			19
20	16	1350:30	3681.23	5.46	249.02				24			20
21	16	1350:35	3681.23	0.00	249.43				24			21
22	16	1350:40	3699.34	18.11	249.61				24			22
23	16	1350:45	3716.01	16.67	249.61				24			23
24	16	1350:50	3725.47	9.46	249.61				24			24
25	16	1350:55	3814.57	89.09	249.61				24			25
26	16	1351:00	3894.03	79.46	249.61				24	460	WELL SHUT IN AT CHOKE.	26
27	16	1351:05	3953.98	59.95	249.61				24			27
28	16	1351:10	3966.48	12.50	250.04				24			28
29	16	1351:15	3966.48	0.00	251.10				24			29
30	16	1351:20	3989.80	23.32	251.27				24			30
31	16	1351:25	4008.30	18.50	251.27				24			31
32	16	1351:30	4009.67	1.37	251.27				24			32
33	16	1351:35	4014.17	4.49	251.27				24			33
34	16	1351:40	4017.19	3.03	251.27				24			34
35	16	1351:45	4019.54	2.34	251.27				24			35
36	16	1351:50	4019.93	.39	251.76				24			36
37	16	1351:55	4019.93	0.00	252.93				24			37
38	16	1352:00	4021.77	1.84	253.22				24	800		38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	6	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1352:05	4025.74	3.97	253.22				24			1
2	16	1352:10	4026.13	.39	253.22				24			2
3	16	1352:15	4026.13	0.00	253.22				24			3
4	16	1352:20	4026.52	.39	253.22				24			4
5	16	1352:25	4025.74	-.78	253.22				24			5
6	16	1352:30	4025.64	-.10	253.22				24			6
7	16	1352:35	4025.64	0.00	254.68				24			7
8	16	1352:40	4025.64	0.00	254.94				24			8
9	16	1352:45	4024.57	-1.07	255.02				24			9
10	16	1352:50	4023.50	-1.07	255.02				24			10
11	16	1352:55	4023.50	0.00	255.02				24			11
12	16	1353:05	4020.47	-3.03	255.02				24	800		12
13	16	1353:10	4019.49	-.98	255.02				24			13
14	16	1353:15	4018.42	-1.07	255.02				24			14
15	16	1353:20	4016.36	-2.05	255.02				24			15
16	16	1353:25	4016.36	0.00	256.48				24			16
17	16	1353:30	4016.36	0.00	256.72				24			17
18	16	1353:35	4014.13	-2.24	256.81				24			18
19	16	1353:40	4013.05	-1.08	256.81				24			19
20	16	1353:45	4011.49	-1.56	256.81				24			20
21	16	1353:50	4009.24	-2.25	256.81				24			21
22	16	1353:55	4008.56	-.68	256.81				24			22
23	16	1354:00	4007.58	-.98	256.81				24	800		23
24	16	1354:05	4006.41	-1.17	257.39				24			24
25	16	1354:10	4006.41	0.00	257.92				24			25
26	16	1354:15	4003.44	-2.97	257.92				24			26
27	16	1354:20	4002.45	-.99	257.92				24			27
28	16	1354:25	4000.59	-1.86	257.92				24			28
29	16	1354:30	3999.90	-.68	257.92				24			29
30	16	1354:35	3998.24	-1.66	257.92				24			30
31	16	1354:40	3998.24	0.00	257.92				24			31
32	16	1354:45	3995.90	-2.35	257.92				24			32
33	16	1354:50	3995.90	0.00	258.80				24			33
34	16	1354:55	3994.96	-.94	258.94				24			34
35	16	1355:00	3992.88	-2.08	258.94				24	810		35
36	16	1355:05	3991.12	-1.76	258.94				24			36
37	16	1355:10	3989.46	-1.66	258.94				24			37
38	16	1355:15	3989.26	-.20	258.				24			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	7	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1355:20	3987.90	-1.37	258.94				24			1
2	16	1355:25	3987.11	-.78	258.94				24			2
3	16	1355:30	3987.11	0.00	259.48				24			3
4	16	1355:35	3987.11	0.00	259.72				24			4
5	16	1355:40	3984.32	-2.79	259.78				24			5
6	16	1355:45	3983.34	-.98	259.78				24			6
7	16	1355:50	3981.88	-1.47	259.78				24			7
8	16	1355:55	3980.61	-1.27	259.78				24			8
9	16	1356:00	3980.12	-.49	259.78				24	810		9
10	16	1356:05	3979.14	-.98	259.78				24			10
11	16	1356:10	3978.46	-.68	260.06				24			11
12	16	1356:15	3978.46	0.00	260.34				24			12
13	16	1356:20	3977.51	-.95	260.46				24			13
14	16	1356:25	3974.82	-2.68	260.46				24			14
15	16	1356:30	3974.33	-.49	260.46				24			15
16	16	1356:35	3973.06	-1.27	260.46				24			16
17	16	1356:40	3972.38	-.68	260.46				24			17
18	16	1356:45	3971.60	-.78	260.46				24			18
19	16	1356:50	3970.03	-1.56	260.56				24			19
20	16	1356:55	3970.03	0.00	260.86				24			20
21	16	1357:00	3970.03	0.00	260.99				24			21
22	16	1357:05	3968.88	-1.15	260.99				24			22
23	16	1357:10	3966.82	-2.05	260.99				24			23
24	16	1358:10	3955.09	-11.73	260.99				24	820		24
25	16	1358:15	3954.26	-.83	260.99				24			25
26	16	1358:20	3952.75	-1.52	260.99				24			26
27	16	1358:25	3952.65	-.10	260.99				24			27
28	16	1358:30	3951.77	-.88	260.99				24			28
29	16	1358:35	3950.89	-.88	261.37				24			29
30	16	1358:40	3950.89	0.00	261.64				24			30
31	16	1358:45	3950.14	-.75	261.72				24			31
32	16	1358:50	3948.94	-1.20	261.72				24			32
33	16	1358:55	3946.98	-1.96	261.72				24			33
34	16	1359:00	3946.69	-.29	261.72				24			34
35	16	1359:05	3946.01	-.68	261.72				24			35
36	16	1359:10	3945.91	-.10	261.72				24			36
37	16	1359:15	3943.66	-2.25	261.72				24			37
38	16	1359:20	3943.66	0.00	261.77				24			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	8	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1359:25	3943.66	0.00	261.87				24			1
2	16	1359:30	3942.45	-1.21	261.87				24			2
3	16	1359:35	3941.57	-.88	261.87				24			3
4	16	1359:40	3940.10	-1.47	261.87				24			4
5	16	1359:45	3940.01	-.10	261.87				24			5
6	16	1359:50	3940.20	.20	261.87				24			6
7	16	1359:55	3939.91	-.29	261.87				24			7
8	16	1400:00	3939.81	-.10	261.80				24			8
9	16	1400:05	3939.81	0.00	261.90				24			9
10	16	1400:10	3937.46	-2.35	261.90				24			10
11	16	1400:15	3937.18	-.27	261.90				24			11
12	16	1400:20	3936.40	-.78	261.90				24			12
13	16	1400:25	3934.55	-1.86	261.90				24			13
14	16	1400:30	3934.94	.39	261.90				24			14
15	16	1400:35	3933.37	-1.56	261.90				24			15
16	16	1400:40	3932.69	-.68	261.86				24			16
17	16	1400:45	3932.69	0.00	261.83				24			17
18	16	1400:50	3931.97	-.72	261.89				24			18
19	16	1400:55	3931.02	-.95	261.89				24			19
20	16	1401:00	3931.22	.20	261.89				24			20
21	16	1401:05	3930.63	-.59	261.89				24			21
22	16	1401:10	3930.14	-.49	261.89				24			22
23	16	1401:15	3930.14	0.00	261.89				24			23
24	16	1401:20	3929.56	-.59	261.82				24			24
25	16	1401:25	3929.56	0.00	261.73				24			25
26	16	1401:30	3928.37	-1.19	261.79				24			26
27	16	1401:35	3928.15	-.22	261.79				24			27
28	16	1401:40	3927.56	-.59	261.79				24			28
29	16	1401:45	3927.46	-.10	261.79				24			29
30	16	1401:50	3927.66	.20	261.79				24			30
31	16	1401:55	3927.27	-.39	261.79				24			31
32	16	1402:00	3928.15	.88	261.79				24			32
33	16	1402:05	3928.15	0.00	261.59				24			33
34	16	1402:10	3928.15	0.00	261.66				24			34
35	16	1402:15	3926.34	-1.81	261.66				24			35
36	16	1402:20	3926.82	.49	261.66				24			36
37	16	1402:25	3926.82	0.00	261.66				24			37
38	16	1402:30	3925.85	-.98	261.				24			38

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OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	9	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1402:35	3925.94	.10	261.66				24			1
2	16	1402:40	3926.43	.49	261.66				24			2
3	16	1405:00	3925.12	-1.31	261.07				24			3
4	16	1410:00	3926.28	1.16	259.33				24			4
5	16	1415:00	3931.57	5.29	257.72				24			5
6	16	1420:00	3938.54	6.97	256.69				24			6
7	16	1425:00	3946.24	7.70	255.87				24			7
8	16	1430:00	3950.40	4.16	255.26				24			8
9	16	1435:00	3953.76	3.36	254.78				24			9
10	16	1440:00	3956.85	3.08	254.99				24			10
11	16	1445:00	3959.50	2.66	254.27				24			11
12	16	1450:00	3961.61	2.11	253.98				24			12
13	16	1455:00	3963.51	1.89	253.75				24			13
14	16	1500:00	3964.91	1.40	253.54				24			14
15	16	1500:30	3968.97	4.06	253.59				24			15
16	16	1501:00	3965.01	-3.96	253.59				24			16
17	16	1502:00	3964.98	-.04	253.61				24			17
18	16	1504:00	3964.98	0.00	254.04				24			18
19	16	1504:30	3965.79	.82	254.10				24			19
20	16	1505:00	3966.97	1.18	253.87				24			20
21	16	1510:00	3968.62	1.64	253.30				24			21
22	16	1515:00	3969.92	1.30	253.08				24			22
23	16	1520:00	3972.61	2.69	253.00				24			23
24	16	1521:35	3971.81	-.80	252.92				24			24
25	16	1521:40	3971.81	0.00	252.97				24			25
26	16	1521:45	3972.20	.40	253.01				24			26
27	16	1521:50	3972.12	-.08	253.01				24			27
28	16	1521:55	3972.42	.29	253.01				24			28
29	16	1522:00	3972.81	.39	253.01				24			29
30	16	1522:05	3972.51	-.29	253.01				24			30
31	16	1522:10	3972.61	.10	253.01				24			31
32	16	1522:15	3973.20	.59	253.01				24			32
33	16	1522:20	3972.71	-.49	252.90				24			33
34	16	1522:25	3972.71	0.00	252.91				24			34
35	16	1522:30	3972.87	.16	252.98				24			35
36	16	1522:35	3973.87	1.00	252.98				24			36
37	16	1522:40	3972.89	-.98	252.98				24			37
38	16	1522:45	3971.92	-.98	252.98				24			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	10	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1522:50	3972.99	1.07	252.98				24			1
2	16	1522:55	3973.38	.39	252.98				24			2
3	16	1523:00	3973.09	-.29	252.98				24			3
4	16	1523:05	3973.38	.29	252.84				24			4
5	16	1523:10	3973.38	0.00	252.91				24			5
6	16	1523:15	3972.59	-.79	252.91				24			6
7	16	1523:20	3973.35	.76	252.91				24			7
8	16	1523:25	3972.77	-.59	252.91				24			8
9	16	1523:30	3974.53	1.76	252.91				24			9
10	16	1523:40	3974.23	-.29	252.91				24			10
11	16	1523:45	3973.94	-.29	252.91				24			11
12	16	1523:50	3973.45	-.49	252.91				24			12
13	16	1523:55	3973.16	-.29	252.91				24			13
14	16	1524:00	3973.55	.39	252.77				24			14
15	16	1524:05	3973.55	0.00	252.87				24			15
16	16	1524:10	3973.16	-.39	252.91				24			16
17	16	1524:15	3973.26	.10	252.91				24			17
18	16	1524:20	3973.55	.29	252.91				24			18
19	16	1524:25	3973.45	-.10	252.91				24			19
20	16	1524:30	3973.65	.20	252.91				24			20
21	16	1524:35	3974.33	.68	252.91				24			21
22	16	1524:40	3973.94	-.39	252.91				24			22
23	16	1524:45	3973.94	0.00	252.77				24			23
24	16	1524:50	3973.94	0.00	252.86				24			24
25	16	1524:55	3973.64	-.30	252.88				24			25
26	16	1525:00	3973.73	.10	252.88				24			26
27	16	1525:05	3973.34	-.39	252.88				24			27
28	16	1525:10	3973.83	.49	252.88				24			28
29	16	1525:15	3973.83	0.00	252.88				24			29
30	16	1525:20	3973.83	0.00	252.88				24			30
31	16	1525:25	3973.54	-.29	252.88				24			31
32	16	1525:30	3973.54	0.00	252.77				24			32
33	16	1525:35	3973.54	0.00	252.84				24			33
34	16	1525:40	3974.02	.48	252.87				24			34
35	16	1525:45	3973.93	-.10	252.87				24			35
36	16	1525:50	3974.32	.39	252.87				24			36
37	16	1525:55	3974.02	-.29	252.87				24			37
38	16	1526:00	3973.93	-.10	252.				24			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	11	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1526:05	3974.61	.68	252.87				24			1
2	16	1526:10	3973.83	-.78	252.87				24			2
3	16	1526:15	3973.83	0.00	252.77				24			3
4	16	1526:20	3973.83	0.00	252.84				24			4
5	16	1526:25	3974.21	.38	252.84				24			5
6	16	1526:30	3974.11	-.10	252.84				24			6
7	16	1526:35	3974.01	-.10	252.84				24			7
8	16	1526:40	3974.11	.10	252.84				24			8
9	16	1526:45	3922.63	-51.48	252.84				12	775	OPEN WELL.	9
10	16	1526:50	3880.84	-41.80	252.84				12			10
11	16	1526:55	3880.84	0.00	252.75				12			11
12	16	1527:00	3880.84	0.00	252.78				12			12
13	16	1527:05	3855.51	-25.32	252.83				12			13
14	16	1527:10	3841.60	-13.91	252.83				12			14
15	16	1527:15	3840.41	-1.19	252.83				12			15
16	16	1527:20	3843.14	2.73	252.83				12			16
17	16	1527:25	3846.66	3.51	252.83				12			17
18	16	1527:30	3844.51	-2.15	252.83				12			18
19	16	1527:35	3846.75	2.25	252.83				12			19
20	16	1527:40	3848.80	2.05	252.83				12			20
21	16	1527:45	3848.80	0.00	252.74				12			21
22	16	1527:50	3851.05	2.24	252.82				12			22
23	16	1527:55	3853.84	2.79	252.82				12			23
24	16	1528:00	3853.10	-.74	252.82				12			24
25	16	1528:05	3853.58	.49	252.82				12			25
26	16	1528:10	3854.37	.78	252.82				12			26
27	16	1528:15	3854.17	-.20	252.82				12			27
28	16	1528:20	3854.66	.49	252.82				12			28
29	16	1528:25	3854.95	.29	252.82				12			29
30	16	1528:30	3854.95	0.00	253.01				12			30
31	16	1528:35	3856.42	1.47	253.11				12			31
32	16	1528:40	3860.64	4.22	253.11				12			32
33	16	1528:45	3862.87	2.23	253.11				12			33
34	16	1528:50	3865.02	2.15	253.11				12			34
35	16	1528:55	3866.19	1.17	253.11				12			35
36	16	1529:00	3865.60	-.59	253.11				12			36
37	16	1529:05	3863.75	-1.86	253.11				12			37
38	16	1529:10	3860.33	-3.42	253.11				12			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	12	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1529:15	3858.96	-1.37	253.59				12			1
2	16	1529:20	3858.96	0.00	253.73				12			2
3	16	1529:25	3848.00	-10.96	253.73				12			3
4	16	1529:30	3841.03	-6.98	253.73				12			4
5	16	1529:35	3835.66	-5.37	253.73				12			5
6	16	1529:40	3829.80	-5.86	253.73				12			6
7	16	1529:45	3823.94	-5.86	253.73				12			7
8	16	1529:50	3814.37	-9.57	253.73				12			8
9	16	1529:55	3806.76	-7.62	253.73				12			9
10	16	1530:00	3805.98	-.78	254.13				12	760		10
11	16	1530:05	3805.98	0.00	254.28				12			11
12	16	1530:10	3809.19	3.21	254.28				12			12
13	16	1530:15	3812.82	3.63	254.28				12			13
14	16	1530:20	3815.65	2.83	254.28				12			14
15	16	1530:25	3819.06	3.42	254.28				12			15
16	16	1530:30	3820.24	1.17	254.28				12			16
17	16	1530:35	3820.04	-.20	254.28				12			17
18	16	1530:40	3819.75	-.29	254.28				12			18
19	16	1530:45	3819.16	-.59	254.71				12			19
20	16	1530:50	3819.16	0.00	255.05				12			20
21	16	1530:55	3819.91	.74	255.19				12			21
22	16	1531:00	3821.06	1.15	255.19				12	730		22
23	16	1531:05	3822.13	1.07	255.19				12			23
24	16	1531:10	3823.60	1.46	255.19				12			24
25	16	1531:15	3825.94	2.34	255.19				12			25
26	16	1531:20	3828.58	2.64	255.19				12			26
27	16	1531:25	3832.29	3.71	255.19				12			27
28	16	1531:30	3833.85	1.56	255.81				12			28
29	16	1531:35	3833.85	0.00	256.01				12			29
30	16	1531:40	3842.37	8.52	256.01				12			30
31	16	1531:45	3848.22	5.85	256.01				12			31
32	16	1531:50	3852.13	3.91	256.01				12			32
33	16	1531:55	3857.30	5.18	256.01				12			33
34	16	1532:05	3864.76	7.46	256.01				12	750		34
35	16	1532:10	3868.24	3.48	256.01				12			35
36	16	1532:15	3871.86	3.61	256.01				12			36
37	16	1532:20	3875.37	3.52	256.01				12			37
38	16	1532:25	3877.23	1.86	257.				12			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	13	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1532:30	3877.23	0.00	257.42				12			1
2	16	1532:35	3883.61	6.38	257.55				12			2
3	16	1532:40	3889.15	5.54	257.55				12			3
4	16	1532:45	3892.17	3.03	257.55				12			4
5	16	1532:50	3895.01	2.83	257.55				12			5
6	16	1532:55	3897.94	2.93	257.55				12			6
7	16	1533:00	3900.09	2.15	257.55				12	780		7
8	16	1533:05	3902.53	2.44	257.55				12			8
9	16	1533:10	3903.80	1.27	258.43				12			9
10	16	1533:15	3903.80	0.00	258.67				12			10
11	16	1533:20	3908.61	4.81	258.77				12			11
12	16	1533:25	3912.77	4.16	258.77				12			12
13	16	1533:30	3915.31	2.54	258.77				12			13
14	16	1533:35	3917.66	2.35	258.77				12			14
15	16	1533:40	3919.71	2.05	258.77				12			15
16	16	1533:45	3921.86	2.15	258.77				12			16
17	16	1533:50	3923.62	1.76	258.77				12			17
18	16	1533:55	3924.60	.98	259.62				12			18
19	16	1534:00	3924.60	0.00	259.89				12			19
20	16	1534:05	3930.74	6.14	259.96				12			20
21	16	1534:10	3933.28	2.54	259.96				12			21
22	16	1534:15	3935.13	1.86	259.96				12			22
23	16	1534:20	3937.58	2.44	259.96				12			23
24	16	1534:25	3939.73	2.15	259.96				12			24
25	16	1534:30	3942.17	2.44	259.96				12			25
26	16	1534:35	3944.03	1.86	259.96				12			26
27	16	1534:40	3944.03	0.00	260.81				12			27
28	16	1534:45	3944.03	0.00	261.01				12			28
29	16	1534:50	3949.85	5.83	261.08				12			29
30	16	1534:55	3951.51	1.66	261.08				12			30
31	16	1535:00	3953.47	1.95	261.08				12			31
32	16	1535:05	3954.64	1.17	261.08				12			32
33	16	1535:10	3956.01	1.37	261.08				12			33
34	16	1535:15	3956.79	.78	261.08				12			34
35	16	1535:20	3956.99	.20	261.08				12			35
36	16	1535:25	3956.99	0.00	261.90				12			36
37	16	1535:30	3956.99	0.00	262.15				12			37
38	16	1535:35	3961.63	4.64	262.15				12			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	14	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1535:40	3963.97	2.35	262.15				12			1
2	16	1535:45	3966.91	2.93	262.15				12			2
3	16	1535:50	3969.55	2.64	262.15				12			3
4	16	1535:55	3971.79	2.25	262.15				12			4
5	16	1536:00	3974.24	2.44	262.15				12			5
6	16	1536:05	3976.19	1.96	262.44				12			6
7	16	1536:10	3976.19	0.00	263.16				12			7
8	16	1537:25	3976.19	0.00	265.66				12			8
9	16	1537:30	3981.31	5.11	265.72				12			9
10	16	1537:35	3980.72	-.59	265.72				12			10
11	16	1537:40	3980.23	-.49	265.72				12			11
12	16	1537:45	3979.74	-.49	265.72				12			12
13	16	1537:50	3979.06	-.68	265.72				12			13
14	16	1537:55	3978.27	-.78	265.72				12			14
15	16	1538:00	3977.69	-.59	265.87				12			15
16	16	1538:05	3977.69	0.00	266.27				12			16
17	16	1538:10	3977.69	0.00	266.42				12			17
18	16	1538:15	3975.15	-2.54	266.42				12			18
19	16	1538:20	3974.27	-.88	266.42				12			19
20	16	1538:25	3973.19	-1.08	266.42				12			20
21	16	1538:30	3972.41	-.78	266.42				12			21
22	16	1538:35	3971.34	-1.08	266.42				12			22
23	16	1538:40	3970.16	-1.17	266.42				12			23
24	16	1538:45	3969.38	-.78	266.58				12			24
25	16	1538:50	3969.38	0.00	266.99				12			25
26	16	1538:55	3968.54	-.84	267.13				12			26
27	16	1539:00	3966.16	-2.37	267.13				12			27
28	16	1539:05	3965.09	-1.08	267.13				12			28
29	16	1539:10	3964.31	-.78	267.13				12			29
30	16	1539:15	3963.23	-1.08	267.13				12			30
31	16	1539:20	3962.15	-1.08	267.13				12			31
32	16	1539:25	3960.98	-1.17	267.13				12			32
33	16	1539:30	3960.30	-.68	267.36				12			33
34	16	1539:35	3960.30	0.00	267.62				12			34
35	16	1539:40	3959.56	-.73	267.72				12			35
36	16	1539:45	3957.32	-2.24	267.72				12			36
37	16	1539:50	3956.34	-.98	267.72				12			37
38	16	1539:55	3955.56	-.78	267.				12			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	15	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1540:00	3954.68	-.88	267.72				12	1050		1
2	16	1540:05	3953.61	-1.08	267.72				12			2
3	16	1540:10	3952.82	-.78	267.72				12			3
4	16	1540:15	3952.33	-.49	267.88				12			4
5	16	1540:20	3952.33	0.00	268.07				12			5
6	16	1540:25	3951.16	-1.17	268.17				12			6
7	16	1540:30	3949.99	-1.17	268.17				12			7
8	16	1540:35	3948.91	-1.08	268.17				12			8
9	16	1540:40	3948.32	-.59	268.17				12			9
10	16	1540:45	3948.13	-.20	268.17				12			10
11	16	1540:50	3948.22	.10	268.17				12			11
12	16	1540:55	3948.22	0.00	268.17				12			12
13	16	1541:00	3948.32	.10	268.35				12			13
14	16	1541:05	3948.32	0.00	268.45				12			14
15	16	1541:10	3946.24	-2.08	268.45				12			15
16	16	1541:15	3943.75	-2.49	268.45				12			16
17	16	1541:20	3941.30	-2.45	268.45				12			17
18	16	1541:25	3938.96	-2.35	268.45				12			18
19	16	1541:30	3937.59	-1.37	268.45				12			19
20	16	1541:35	3937.00	-.59	268.45				12			20
21	16	1541:40	3936.32	-.68	268.45				12			21
22	16	1541:45	3935.92	-.39	268.52				12			22
23	16	1541:50	3935.92	0.00	268.66				12			23
24	16	1541:55	3933.27	-2.66	268.66				12			24
25	16	1542:00	3931.42	-1.85	268.66				12			25
26	16	1542:05	3929.37	-2.05	268.66				12			26
27	16	1542:10	3927.90	-1.47	268.66				12			27
28	16	1542:15	3925.94	-1.96	268.66				12			28
29	16	1542:20	3925.06	-.88	268.66				12			29
30	16	1542:25	3923.89	-1.17	268.66				12			30
31	16	1542:30	3923.59	-.29	268.65				12			31
32	16	1542:35	3923.59	0.00	268.72				12			32
33	16	1542:40	3922.70	-.89	268.79				12			33
34	16	1542:45	3920.52	-2.18	268.79				12			34
35	16	1542:50	3919.64	-.88	268.79				12			35
36	16	1542:55	3919.25	-.39	268.79				12			36
37	16	1543:00	3918.96	-.29	268.79				12			37
38	16	1543:05	3918.17	-.78	268.79				12			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	16	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1543:10	3917.78	-.39	268.79				12			1
2	16	1543:15	3917.00	-.78	268.69				12			2
3	16	1543:20	3917.00	0.00	268.79				12			3
4	16	1543:25	3915.81	-1.19	268.79				12			4
5	16	1543:30	3915.34	-.48	268.79				12			5
6	16	1543:35	3915.24	-.10	268.79				12			6
7	16	1543:40	3915.24	0.00	268.79				12			7
8	16	1543:45	3914.85	-.39	268.79				12			8
9	16	1543:50	3914.65	-.20	268.79				12			9
10	16	1543:55	3914.65	0.00	268.79				12			10
11	16	1544:00	3914.75	.10	268.78				12			11
12	16	1544:05	3914.75	0.00	268.88				12			12
13	16	1544:10	3914.53	-.22	268.92				12			13
14	16	1544:15	3914.22	-.31	268.92				12			14
15	16	1544:20	3914.22	0.00	268.92				12			15
16	16	1544:25	3914.91	.68	268.92				12			16
17	16	1544:30	3915.10	.20	268.92				12			17
18	16	1544:35	3915.30	.20	268.92				12			18
19	16	1544:40	3915.59	.29	268.92				12			19
20	16	1544:45	3915.69	.10	268.89				12			20
21	16	1544:50	3915.69	0.00	268.98				12			21
22	16	1544:55	3914.45	-1.24	268.98				12			22
23	16	1545:00	3914.15	-.30	268.98				12	1245		23
24	16	1545:05	3914.74	.59	268.98				12			24
25	16	1545:10	3914.64	-.10	268.98				12			25
26	16	1545:15	3915.32	.68	268.98				12			26
27	16	1545:20	3915.91	.59	268.98				12			27
28	16	1545:25	3915.91	0.00	268.98				12			28
29	16	1545:30	3916.01	.10	269.02				12			29
30	16	1545:35	3916.01	0.00	269.14				12			30
31	16	1545:40	3914.73	-1.28	269.14				12			31
32	16	1545:50	3914.30	-.43	269.14				12			32
33	16	1545:55	3914.12	-.18	269.14				12			33
34	16	1546:00	3914.80	.68	269.14				12			34
35	16	1546:05	3914.71	-.10	269.14				12			35
36	16	1546:10	3914.22	-.49	269.14				12			36
37	16	1546:15	3914.51	.29	269.14				12			37
38	16	1546:20	3914.12	-.39	269.				12			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

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TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	17	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1546:25	3914.22	.10	269.19				12			1
2	16	1546:30	3914.22	0.00	269.29				12			2
3	16	1546:35	3913.69	-.53	269.34				12			3
4	16	1546:40	3913.52	-.17	269.34				12			4
5	16	1546:45	3914.11	.59	269.34				12			5
6	16	1546:50	3914.21	.10	269.34				12			6
7	16	1546:55	3914.30	.10	269.34				12			7
8	16	1547:00	3913.62	-.68	269.34				12			8
9	16	1547:05	3913.42	-.20	269.34				12			9
10	16	1547:10	3913.03	-.39	269.35				12			10
11	16	1547:15	3913.03	0.00	269.50				12			11
12	16	1547:20	3913.11	.07	269.51				12			12
13	16	1547:25	3913.69	.59	269.51				12			13
14	16	1547:30	3913.69	0.00	269.51				12			14
15	16	1547:35	3913.99	.29	269.51				12			15
16	16	1547:40	3913.89	-.10	269.51				12			16
17	16	1547:45	3913.30	-.59	269.51				12			17
18	16	1547:50	3913.40	.10	269.51				12			18
19	16	1547:55	3913.40	0.00	269.55				12			19
20	16	1548:00	3913.40	0.00	269.65				12			20
21	16	1548:05	3912.79	-.61	269.68				12			21
22	16	1548:10	3912.50	-.29	269.68				12			22
23	16	1548:15	3912.01	-.49	269.68				12			23
24	16	1548:20	3910.74	-1.27	269.68				12			24
25	16	1548:25	3910.54	-.20	269.68				12			25
26	16	1548:30	3909.86	-.68	269.68				12			26
27	16	1548:35	3910.25	.39	269.68				12			27
28	16	1548:40	3910.25	0.00	269.72				12			28
29	16	1548:45	3910.41	.16	269.78				12			29
30	16	1548:50	3910.64	.24	269.78				12			30
31	16	1548:55	3910.39	-.25	269.78				12			31
32	16	1549:00	3909.90	-.49	269.78				12			32
33	16	1549:05	3909.21	-.68	269.78				12			33
34	16	1549:10	3907.75	-1.47	269.78				12			34
35	16	1549:15	3908.53	.78	269.78				12			35
36	16	1549:20	3909.02	.49	269.78				12			36
37	16	1549:25	3909.02	0.00	269.82				12			37
38	16	1549:30	3908.94	-.08	269.91				12			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	18	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1549:35	3908.78	-.16	269.91				12			1
2	16	1549:40	3908.29	-.49	269.91				12			2
3	16	1549:45	3907.51	-.78	269.91				12			3
4	16	1549:50	3906.92	-.59	269.91				12			4
5	16	1549:55	3907.32	.39	269.91				12			5
6	16	1550:00	3905.75	-1.56	269.91				12	1370		6
7	16	1550:05	3905.65	-.10	269.91				12			7
8	16	1550:10	3905.46	-.20	269.97				12			8
9	16	1550:15	3905.74	.28	270.04				12			9
10	16	1550:20	3906.18	.44	270.04				12			10
11	16	1550:25	3906.20	.02	270.04				12			11
12	16	1550:30	3906.20	0.00	270.04				12			12
13	16	1550:35	3907.27	1.08	270.04				12			13
14	16	1550:40	3907.18	-.10	270.04				12			14
15	16	1550:45	3907.27	.10	270.04				12			15
16	16	1550:50	3907.18	-.10	270.04				12			16
17	16	1550:55	3907.08	-.10	270.10				12			17
18	16	1551:00	3907.08	0.00	270.22				12			18
19	16	1551:05	3907.31	.23	270.22				12			19
20	16	1551:10	3906.86	-.44	270.22				12			20
21	16	1551:15	3906.86	0.00	270.22				12			21
22	16	1551:20	3906.86	0.00	270.22				12			22
23	16	1551:25	3907.94	1.08	270.22				12			23
24	16	1551:30	3907.55	-.39	270.22				12			24
25	16	1551:35	3908.14	.59	270.22				12			25
26	16	1551:40	3908.33	.20	270.31				12			26
27	16	1551:45	3908.33	0.00	270.44				12			27
28	16	1551:50	3907.91	-.42	270.44				12			28
29	16	1551:55	3908.04	.13	270.44				12			29
30	16	1552:00	3907.94	-.10	270.44				12			30
31	16	1552:05	3908.04	.10	270.44				12			31
32	16	1552:10	3907.84	-.20	270.44				12			32
33	16	1552:15	3907.74	-.10	270.44				12			33
34	16	1552:20	3907.25	-.49	270.44				12			34
35	16	1552:25	3907.55	.29	270.52				12			35
36	16	1552:30	3907.55	0.00	270.63				12			36
37	16	1552:35	3907.12	-.43	270.63				12			37
38	16	1552:40	3906.85	-.27	270.[illegible]				12			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	19	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1552:45	3906.26	-.59	270.63				12			1
2	16	1552:00	3905.48	-.78	270.63				12			2
3	16	1553:00	3905.28	-.20	270.63				12			3
4	16	1554:00	3903.24	-2.04	270.88				12			4
5	16	1555:00	3927.68	24.44	271.06				14	1695	CHANGE CHOKE SIZE.	5
6	16	1556:00	3928.16	.48	271.25				14			6
7	16	1557:00	3923.93	-4.23	271.44				14			7
8	16	1558:00	3919.67	-4.26	271.55				14			8
9	16	1559:00	3916.96	-2.70	271.60				14			9
10	16	1600:00	3915.61	-1.36	271.63				16	1750	CHANGE CHOKE SIZE.	10
11	16	1601:00	3915.14	-.47	271.68				16			11
12	16	1602:00	3910.07	-5.06	271.73				16			12
13	16	1603:00	3905.50	-4.57	271.79				16			13
14	16	1604:00	3900.85	-4.66	271.88				18		CHANGE CHOKE SIZE.	14
15	16	1605:00	3883.77	-17.07	271.98				18			15
16	16	1606:00	3870.13	-13.64	272.10				18			16
17	16	1607:00	3866.77	-3.36	272.24				18			17
18	16	1608:00	3864.88	-1.89	272.40				18			18
19	16	1609:00	3827.41	-37.47	272.60				18			19
20	16	1610:00	3827.78	.37	272.77				14	2300	CHANGE CHOKE SIZE.	20
21	16	1611:00	3835.70	7.91	272.97				14			21
22	16	1612:00	3857.29	21.59	273.19				14			22
23	16	1613:00	3883.91	26.62	273.44				14			23
24	16	1614:00	3899.05	15.13	273.68				14			24
25	16	1615:00	3908.38	9.33	273.84				14	2650	CO211%H2S0%.	25
26	16	1616:00	3904.14	-4.24	273.99				14			26
27	16	1617:00	3891.38	-12.76	274.11				14			27
28	16	1618:00	3882.82	-8.56	274.23				14			28
29	16	1619:00	3877.69	-5.14	274.34				14			29
30	16	1620:00	3872.37	-5.32	274.48				14	2650		30
31	16	1621:00	3868.21	-4.16	274.59				14			31
32	16	1622:00	3863.77	-4.45	274.71				14			32
33	16	1623:00	3859.81	-3.96	274.83				14			33
34	16	1624:00	3858.01	-1.80	274.94				14			34
35	16	1625:00	3856.41	-1.60	275.12				14	2670	CO211%H2S0%	35
36	16	1626:00	3855.29	-1.12	275.30				14			36
37	16	1627:00	3853.24	-2.05	275.45				14			37
38	16	1628:00	3851.13	-2.11	275.55				14			38

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317241

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	20	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1629:00	3849.63	-1.51	275.68				14			1
2	16	1630:00	3849.59	-.04	275.80				14	2690		2
3	16	1631:00	3849.15	-.43	275.92				14			3
4	16	1632:00	3848.62	-.53	276.04				14			4
5	16	1633:00	3847.69	-.92	276.16				14			5
6	16	1634:00	3847.35	-.34	276.27				14			6
7	16	1635:00	3847.32	-.04	276.40				14			7
8	16	1636:00	3848.04	.73	276.47				14			8
9	16	1637:00	3849.08	1.04	276.60				14			9
10	16	1638:00	3845.41	-3.68	276.73				14			10
11	16	1639:00	3842.33	-3.08	276.86				14			11
12	16	1640:00	3841.68	-.65	276.94				14			12
13	16	1641:00	3842.03	.34	277.03				14			13
14	16	1642:00	3844.61	2.59	277.12				14			14
15	16	1643:00	3843.87	-.74	277.21				14	2750		15
16	16	1644:00	3841.46	-2.41	277.29				16	2750	CHANGE CHOKE SIZE.	16
17	16	1645:00	3832.89	-8.57	277.37				18	2700	CHANGE CHOKE SIZE.	17
18	16	1646:00	3816.29	-16.59	277.46				18			18
19	16	1647:00	3788.15	-28.15	277.53				20	2700	CHANGE CHOKE SIZE.	19
20	16	1648:00	3761.18	-26.97	277.60				24	2690	CHANGE CHOKE SIZE.	20
21	16	1649:00	3744.97	-16.21	277.66				28	2660	CHANGE CHOKE SIZE.	21
22	16	1650:00	3735.90	-9.07	277.70				28			22
23	16	1651:00	3729.97	-5.93	277.84				28			23
24	16	1652:00	3727.67	-2.30	277.97				28			24
25	16	1653:00	3718.13	-9.54	278.01				28			25
26	16	1654:00	3709.06	-9.06	278.08				28			26
27	16	1655:00	3709.98	.91	278.15				28			27
28	16	1656:00	3709.03	-.95	278.22				28			28
29	16	1657:00	3713.47	4.44	278.30				28			29
30	16	1658:00	3714.75	1.28	278.30				28			30
31	16	1659:00	3718.84	4.09	278.29				28			31
32	16	1700:00	3719.00	.16	278.43				28	2650		32
33	16	1701:00	3716.99	-2.01	278.52				28			33
34	16	1702:00	3717.82	.83	278.58				28			34
35	16	1703:00	3722.55	4.74	278.73				28			35
36	16	1704:00	3723.09	.53	278.83				28			36
37	16	1705:00	3724.30	1.21	278.90				30	2745	POSITIVE CHOKE.	37
38	16	1706:00	3727.27	2.97	278.7				30			38

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OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	21	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1707:00	3763.70	36.43	279.04				30			1
2	16	1708:00	3810.71	47.01	279.14				30			2
3	16	1709:00	3831.01	20.30	279.23				30			3
4	16	1710:00	3846.62	15.61	279.34				30			4
5	16	1711:00	3851.95	5.32	279.42				30			5
6	16	1712:00	3857.85	5.91	279.49				30			6
7	16	1713:00	3863.67	5.82	279.58				30			7
8	16	1714:00	3864.58	.90	279.61				30			8
9	16	1715:00	3863.63	-.95	279.70				30	2820	CO213.5%H2S0%	9
10	16	1716:00	3862.69	-.94	279.80				30			10
11	16	1717:00	3864.62	1.93	279.87				30			11
12	16	1718:00	3863.73	-.89	279.92				30			12
13	16	1719:00	3865.33	1.59	279.98				30			13
14	16	1720:00	3872.70	7.37	280.04				30			14
15	16	1721:00	3871.07	-1.63	280.11				30			15
16	16	1722:00	3870.80	-.27	280.17				30			16
17	16	1723:00	3866.73	-4.07	280.26				30			17
18	16	1724:00	3864.40	-2.33	280.30				30			18
19	16	1725:00	3864.33	-.07	280.36				30			19
20	16	1726:00	3872.39	8.06	280.42				30			20
21	16	1727:00	3871.15	-1.24	280.45				30			21
22	16	1728:00	3867.27	-3.88	280.50				30			22
23	16	1729:00	3865.73	-1.54	280.63				30			23
24	16	1730:00	3864.50	-1.23	280.70				30	2835		24
25	16	1731:00	3869.70	5.21	280.74				30			25
26	16	1732:00	3866.69	-3.01	280.79				30			26
27	16	1733:00	3864.86	-1.84	280.84				30			27
28	16	1734:00	3701.92	-162.93	280.87				30		LPR VALVE SHUT .	28
29	16	1735:00	3468.45	-233.47	280.76				30			29
30	16	1736:00	3265.45	-203.00	280.35				30			30
31	16	1737:00	3095.72	-169.73	279.73				30			31
32	16	1738:00	2944.85	-150.87	279.10				30			32
33	16	1739:00	2788.54	-156.31	278.46				30			33
34	16	1740:00	2587.26	-201.28	277.82				30			34
35	16	1741:00	2412.61	-174.64	276.75				30			35
36	16	1742:00	2182.02	-230.59	276.08				30			36
37	16	1743:00	1960.79	-221.23	275.27				30			37
38	16	1744:00	1762.22	-198.57	274.46				30			38

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OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
1	1	YOLLA#1	16/ 9/85	22	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	BASS STRAIT	TASMANIA	R.F.BAUER

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK.	JOHN NICHOLSON.	2809/2824.5M	HP 766	2650MDKB.

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	16	1745:00	1599.96	-162.26	273.69				30			1
2	16	1746:00	1526.94	-73.02	273.08				30			2
3	16	1747:00	1458.35	-68.58	272.70				30			3
4	16	1748:00	1388.35	-70.00	272.37				30			4
5	16	1749:00	1321.18	-67.17	272.06				30			5
6	16	1750:00	1256.47	-64.72	271.80				30			6
7	16	1751:00	1194.38	-62.08	271.53				30			7
8	16	1752:00	1136.09	-58.29	271.30				30			8
9	16	1753:00	1080.54	-55.56	271.10				30			9
10	16	1754:00	1027.02	-53.51	270.89				30			10
11	16	1755:00	976.33	-50.70	270.68				30			11
12	16	1756:00	917.14	-59.18	270.51				30			12
13	16	1757:00	860.00	-57.14	270.33				30			13
14	16	1758:00	805.68	-54.32	270.14				30			14
15	16	1759:00	766.73	-38.95	269.96				30		LPR OPEN.	15
16												16
17												17
18												18
19												19
20												20
21												21
22												22
23												23
24												24
25												25
26												26
27												27
28												28
29												29
30												30
31												31
32												32
33												33
34												34
35												35
36												36
37												37
38												38

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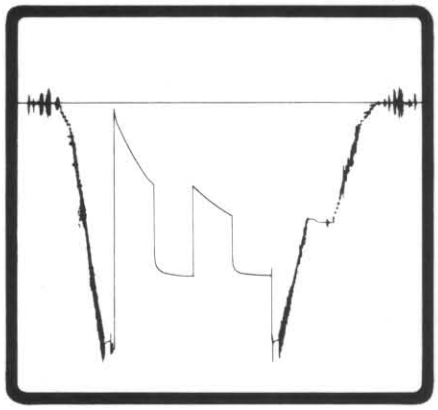
ENCLOSURE. 4.

FORMATION TESTING SERVICE REPORT



HALLIBURTON SERVICES

Duncan, Oklahoma 73536

A Halliburton Company

TPR OR-0320 VOL. 2

1296-R5 Ⓓ—Southwestern

317243A

NOMENCLATURE

B	=	Formation Volume Factor (Res Vol / Std Vol)	—
c_t	=	System Total Compressibility	(Vol / Vol) / psi
DR	=	Damage Ratio	—
h	=	Estimated Net Pay Thickness	Ft
k	=	Permeability	md
m	=	(Liquid) Slope Extrapolated Pressure Plot	psi/cycle
		(Gas) Slope Extrapolated m(P) Plot	MM psi^2/ cp/cycle
$m(P^*)$	=	Real Gas Potential at P^*	MM psi^2/cp
$m(P_f)$	=	Real Gas Potential at P_f	MM psi^2/cp
AOF_1	=	Maximum Indicated Absolute Open Flow at Test Conditions	MCFD
AOF_2	=	Minimum Indicated Absolute Open Flow at Test Conditions	MCFD
P^*	=	Extrapolated Static Pressure	Psig
P_f	=	Final Flow Pressure	Psig
Q	=	Liquid Production Rate During Test	BPD
Q_1	=	Theoretical Liquid Production w/ Damage Removed	BPD
Q_g	=	Measured Gas Production Rate	MCFD
r_i	=	Approximate Radius of Investigation	Ft
r_w	=	Radius of Well Bore	Ft
S	=	Skin Factor	
t	=	Total Flow Time Previous to Closed-in	Minutes
Δt	=	Closed-in Time at Data Point	Minutes
T	=	Temperature Rankine	°R
ϕ	=	Porosity	—
μ	=	Viscosity of Gas or Liquid	cp
Log	=	Common Log	

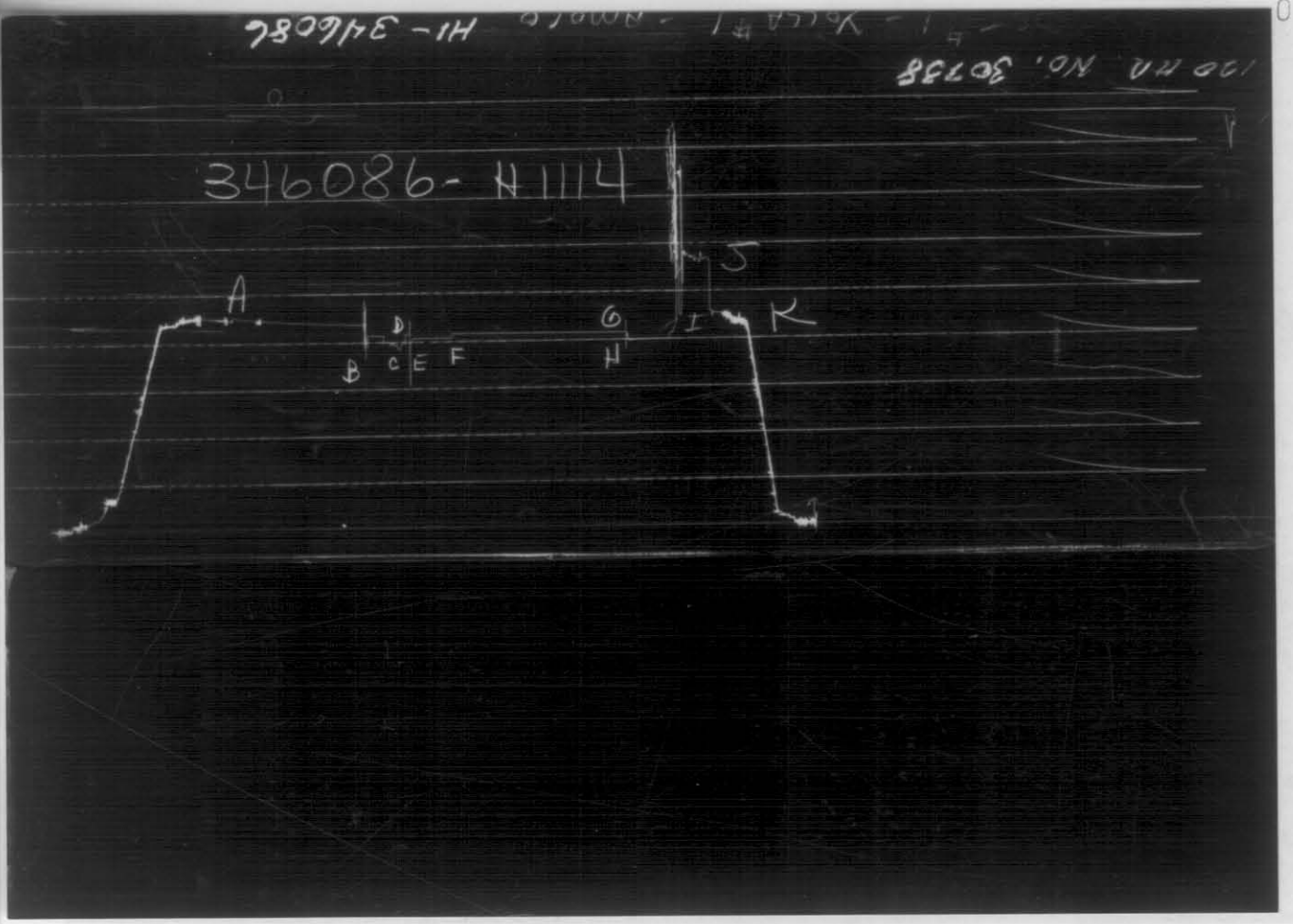
ENCLOSURE 4.

317244

TICKET NO. 34608600
08-OCT-85
SALE

FORMATION TESTING SERVICE REPORT

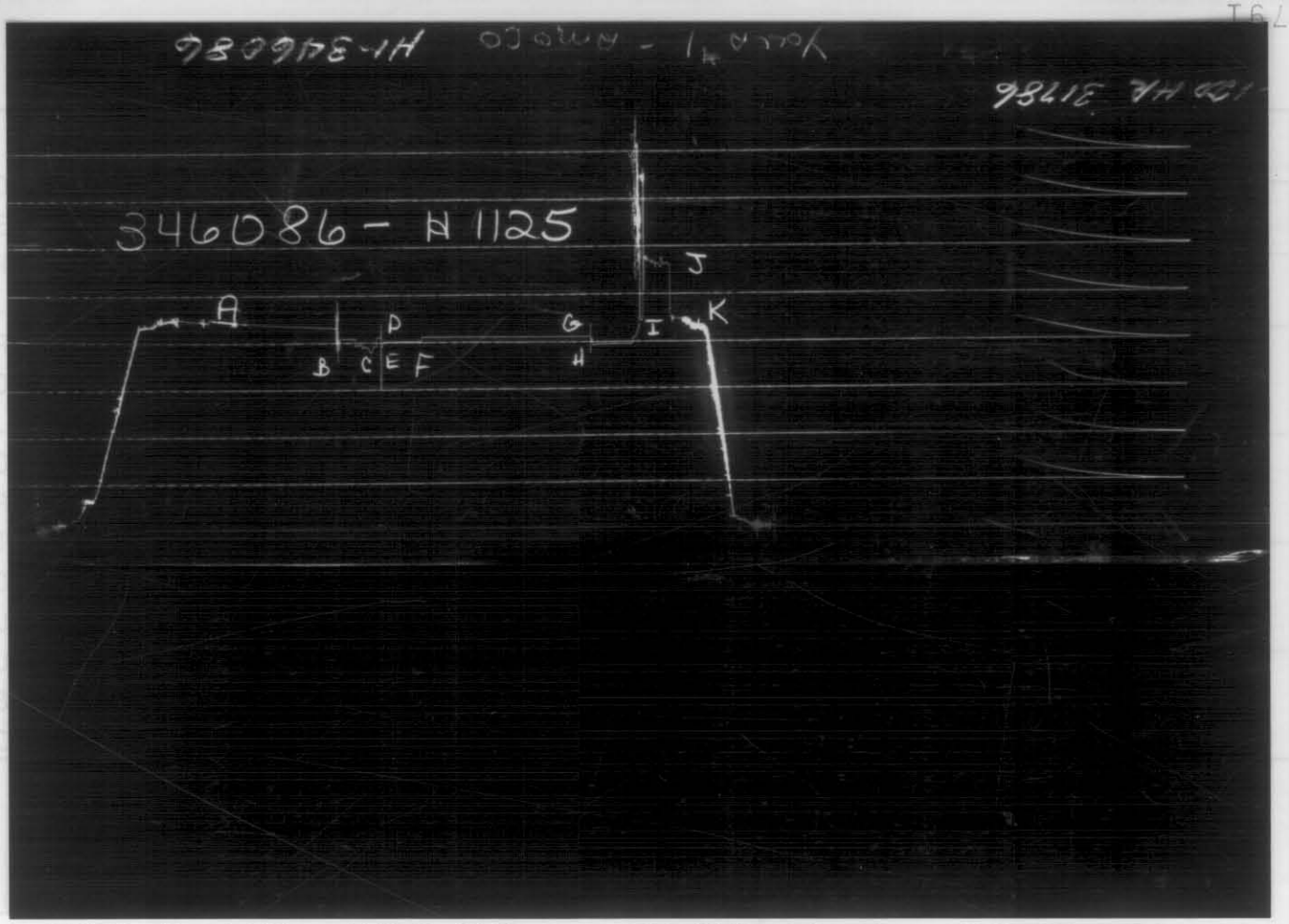
YOLLA	1	1	9055.5 - 10941.0	AMOCO AUSTRALIA PETROLEUM COMPANY	
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME	
LEGAL LOCATION SEC. - TWP. - RNG.	FIELD AREA	COUNTY	STATE		
SEE REMARKS	BASS STRAIT	TASMANIA	AUSTRALIA	PM	



GAUGE NO: 1114 DEPTH: 9039.8 BLANKED OFF: NO HOUR OF CLOCK: 120

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	4505	4453.1			
B	INITIAL FIRST FLOW	3607	3614.1	235	237	F
C	FINAL FIRST FLOW	3942	3955.0			
C	INITIAL FIRST CLOSED-IN	3942	3955.0	30	27	C
D	FINAL FIRST CLOSED-IN	4146	4149.5			
E	INITIAL SECOND FLOW	3932	3961.8	245	249	F
F	FINAL SECOND FLOW	4047	4061.5			
F	INITIAL SECOND CLOSED-IN	4047	4061.5	1028	1033	C
G	FINAL SECOND CLOSED-IN	4130	4144.3			
H	INITIAL THIRD FLOW		4029.7	328	320	F
I	FINAL THIRD FLOW		4486.5			
J	AVERAGE REVERSING PSI		5617.1			
K	FINAL HYDROSTATIC	4526	4521.9			

317245



GAUGE NO: 1125 DEPTH: 9039.8 BLANKED OFF: NO HOUR OF CLOCK: 120

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	4464	4403.1			
B	INITIAL FIRST FLOW	3843	3559.1	235	237	F
C	FINAL FIRST FLOW	3927	3906.2			
C	INITIAL FIRST CLOSED-IN	3927	3906.2	30	27	C
D	FINAL FIRST CLOSED-IN	4115	4094.3			
E	INITIAL SECOND FLOW	3005	3900.5	245	249	F
F	FINAL SECOND FLOW	4021	4009.8			
F	INITIAL SECOND CLOSED-IN	4021	4009.8	1028	1033	C
G	FINAL SECOND CLOSED-IN	4115	4088.6			
H	INITIAL THIRD FLOW		3980.3	328	320	F
I	FINAL THIRD FLOW		4429.5			
J	AVERAGE REVERSING PSI		5571.0			
K	FINAL HYDROSTATIC	4490	4465.3			

317246

EQUIPMENT & HOLE DATA

FORMATION TESTED: LOWER EASTERN
NET PAY (ft): 50.7
GROSS TESTED FOOTAGE: 1885.5
ALL DEPTHS MEASURED FROM: R.K.B.
CASING PERFS. (ft): 9216.3'- 9267'
HOLE OR CASING SIZE (in): 9.625
ELEVATION (ft): 37.0
TOTAL DEPTH (ft): 10941.0
PACKER DEPTH(S) (ft): 9056
FINAL SURFACE CHOKE (in): 0.62500
BOTTOM HOLE CHOKE (in): 1.500
MUD WEIGHT (lb/gal): 9.60
MUD VISCOSITY (sec):
ESTIMATED HOLE TEMP. (°F): 276
ACTUAL HOLE TEMP. (°F): ___ @ _____ ft

TICKET NUMBER: 34608600

DATE: 9-15-85 TEST NO: 1

TYPE DST: CASED HOLE W/APR

HALLIBURTON CAMP: SALE

TESTER: RON BAKER

WITNESS: R.J. BYHAM

DRILLING CONTRACTOR: GLOBAL MARINE DRILLING COMPANY

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY		CHLORIDES
	____ @ ____	°F	____ ppm
	____ @ ____	°F	____ ppm
	____ @ ____	°F	____ ppm
	____ @ ____	°F	____ ppm
	____ @ ____	°F	____ ppm
	____ @ ____	°F	____ ppm

SAMPLER DATA

Psig AT SURFACE:
cu.ft. OF GAS:
cc OF OIL:
cc OF WATER:
cc OF MUD:
TOTAL LIQUID cc:

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 51.2 @ 60°F
GAS/OIL RATIO (cu.ft. per bbl): 41 OGR
GAS GRAVITY: 0.863

CUSHION DATA

TYPE	AMOUNT	WEIGHT
DIESEL (BBLS.)	149.0	6.80

RECOVERED:

9.6 PPG MUD (.25 BBLS.)

MEASURED FROM TESTER VALVE

REMARKS:

PUMPED 9.6 PPG MUD DOWN DRILL PIPE TO BOTTOM PERFORATIONS TO KILL WELL TEST DATE IS 15 SEPTEMBER, 1985.
LEGAL LOCATION: 039 DEGREES - 50' - 18.96" S, 145 DEGREES - 48' - 21.2" E
THE REQUESTED CALCULATION SERVICE COULD NOT BE PERFORMED DUE TO INSUFFICIENT DRAWDOWN OF THE FORMATION DURING THE FLOW PERIODS TO ALLOW TRANSIENT PRESSURE RESPONSE DURING THE CLOSED-IN PERIODS. THE RESERVOIR PRESSURE APPEARS TO HAVE STABILIZED DURING THE CLOSED-INS. VARIOUS ANALYSIS PLOTS ARE INCLUDED AT THE END OF THIS REPORT FOR YOUR INSPECTION.

TYPE & SIZE MEASURING DEVICE: BARTON 202 A - 5.761 | TICKET NO: 34608600

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
9-15-85					
0750					STARTED PICKING UP TOOLS
0800					STARTED RPG-3 H-1125
0802					STARTED RPG-3 H-1114
1015					TOOLS IN HOLE
1230					SET PACKER - RIGGED UP SURFACE
					LINES.
1245		5000			PRESSURE TESTED D.S.T. STRING
					RIGGED DOWN SURFACE LINES - RUN
					IN HOLE.
2126					SET PACKER - RIGGED UP SURFACE
					LINES.
9-16-85					
0003					OPENED TOP HYD. CIRCULATING
					VALVE AND CIRCULATE MUD FOR
					PRESSURE TEST.
0030					SET SUB SEA TEST TREE IN WELL
		5000			TESTED SURFACE LINES TO 5000 PSI
					FOR 10 MINUTES.
0310					OPENED TOP CIRCULATING VALVE
0315					DISPLACE DOWN DRILL PIPE WITH
					149 BBLS. OF DIESEL.
0613					CLOSED TOP CIRCULATING VALVE
					SET SUB SEA TEST TREE IN WELL
					HEAD.
0615					RIGGED UP LUBRICATOR
1334					OPENED LPR-N
1336		780			
1339		800			
1340		810			
1342		820			
1346	24/64"	650			
1347	24/64"	500			
1349					CLOSED IN AT CHOKE MANIFOLD
1350		800			
1400		825			
1415		850			

TYPE & SIZE MEASURING DEVICE: BARTON 202 A - 5.761 | TICKET NO: 34608600

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
1430		855			
1445		865			
1524					OPENED CHOKE MANIFOLD
1530	12/64"	780			
1545	12/64"	1310			
1551					OPENED SEPARATOR
1555	14/64"	1695			
1600	16/64"	1750			
1610	14/64"	2300			
1644	16/64"	2700			
1645	18/64"	2700			
1647	20/64"	2700			
1648	24/64"	2690			
1649	28/64"	2660			
1651	30/64"	2650			
1729					CLOSED LPR-N - SURFACE LEAK
1759	12/64"				OPENED LPR-N
1800	12/64"	1200			
1824	24/64"	2770			
1827	30/64"	2650			POSITIVE CHOKE
1830	30/64"	2660			
1900	30/64"	2700			
1930	30/64"	2710			
2000	30/64"	2715	11206		
2204	30/64"	2715	10148		CLOSED LPR-N
9-17-85					
1512					OPENED LPR-N
1515	12/64"	2600			
1517					CLOSED WELL IN AT SURFACE TREE
					SURFACE LINE LEAK
1521	48/64"	2600			OPENED WELL
1530	40/64"				POSITIVE CHOKE
1545	40/64"	2095			
1600	40/64"	2210			
1630	40/64"	2300	14859		
1700	40/64"	2300	15075	519.55	
1730	40/64"	2285	15019	611.58	

317249

TYPE & SIZE MEASURING DEVICE: BARTON 202 A - 5.761 | TICKET NO: 34608600

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
1800	40/64"	2300	15159	610.52	
1830	40/64"	2320	15859	516.33	
1900			15179	561.95	
1926					CLOSED IN WELL AT SURFACE TREE
					PUMPED MUD DOWN TEST STRING TO
					KILL WELL.
2040					OPENED APR-M2 CIRCULATING
					SAFETY VALVE - REVERSED OUT
2345					OPENED BYPASS - STARTED OUT OF
					HOLE.
9-18-85					
0900					TOOLS OUT OF HOLE

317250

TICKET NO: 34608600

CLOCK NO: 30738 HOUR: 120

HALLIBURTON SERVICES

GAUGE NO: 1114

DEPTH: 9039.8

FIRST FLOW

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log\frac{t+\Delta t}{\Delta t}$
B	1	0	3614.1			
[1]	2	10	3881.7	267.5		
	3	20	4113.5	231.9		
	4	30	4118.8	5.2		
	5	40	4122.9	4.2		
	6	50	4122.9	0.0		
	7	60	4122.9	0.0		
	8	70	4122.9	0.0		
	9	80	4122.9	0.0		
	10	90	4122.9	0.0		
	11	100	4122.9	0.0		
[2]	12	108	4122.9	0.0		
	13	110	3957.1	-165.8		
	14	120	3991.6	34.6		
	15	130	3983.2	-8.4		
[3]	16	140	3985.9	2.6		
	17	150	3908.4	-77.5		
[3]	18	158	3964.4	56.0		
	19	160	3957.1	-7.3		
	20	170	3929.3	-27.7		
	21	180	3925.7	-3.7		
[3]	22	188	3925.7	0.0		
	23	190	3869.1	-56.5		
	24	200	3826.7	-42.4		
[3]	25	210	3836.1	9.4		
	26	220	3947.6	111.5		
	27	230	3955.0	7.3		
C	28	237	3955.0	0.0		

FIRST CLOSED-IN

C	1	0	3955.0			
	2	1	4144.3	189.3	1.0	2.366
	3	2	4147.4	192.4	2.0	2.067
	4	3	4147.9	192.9	3.2	1.873
	5	4	4149.5	194.5	4.2	1.755
	6	5	4149.5	194.5	5.3	1.651
	7	6	4149.5	194.5	6.3	1.578
	8	7	4149.5	194.5	7.0	1.532
	9	8	4149.5	194.5	7.9	1.476
	10	9	4149.5	194.5	8.9	1.427
	11	10	4149.5	194.5	9.6	1.395
	12	12	4149.5	194.5	11.3	1.322
	13	14	4149.5	194.5	13.1	1.256
	14	16	4149.5	194.5	15.0	1.200
	15	18	4149.5	194.5	16.8	1.151
	16	20	4149.5	194.5	18.5	1.108
	17	22	4149.5	194.5	20.2	1.069
	18	24	4149.5	194.5	21.8	1.036

FIRST CLOSED-IN - CONTINUED

	19	26	4149.5	194.5	23.5	1.004
D	20	27	4149.5	194.5	24.6	0.985

SECOND FLOW

E	1	0	3961.8	
	2	10	4010.9	49.2
	3	20	4061.5	50.5
[3]	4	25	4065.1	3.6
	5	30	4055.7	-9.4
	6	40	4060.4	4.7
	7	50	4061.5	1.0
	8	60	4061.5	0.0
	9	70	4061.5	0.0
	10	80	4061.5	0.0
	11	90	4061.5	0.0
	12	100	4061.5	0.0
	13	110	4061.5	0.0
	14	120	4061.5	0.0
	15	130	4061.5	0.0
	16	140	4061.5	0.0
	17	150	4061.5	0.0
	18	160	4061.5	0.0
	19	170	4061.5	0.0
	20	180	4061.5	0.0
	21	190	4061.5	0.0
	22	200	4061.5	0.0
	23	210	4061.5	0.0
	24	220	4061.5	0.0
	25	230	4061.5	0.0
	26	240	4061.5	0.0
F	27	249	4061.5	0.0

SECOND CLOSED-IN

F	1	0	4061.5			
	2	1	4147.9	86.5	1.0	2.676
	3	2	4149.0	87.5	2.0	2.376
	4	3	4148.4	87.0	3.1	2.201
	5	4	4150.5	89.1	3.9	2.092
	6	5	4150.5	89.1	5.4	1.957
	7	6	4150.5	89.1	6.1	1.902
	8	7	4150.5	89.1	6.9	1.845
	9	8	4150.5	89.1	8.1	1.779
	10	9	4150.5	89.1	8.8	1.743
	11	10	4152.6	91.1	10.1	1.684
	12	12	4152.6	91.1	11.7	1.617
	13	14	4152.6	91.1	14.0	1.541
	14	16	4152.6	91.1	15.8	1.489
	15	18	4152.6	91.1	17.4	1.446

LEGEND:
[1] CLOSED AT SURFACE
[2] OPENED AT SURFACE
[3] CHOKE CHANGE
[4] BEGIN PUMPING
[5] MAXIMUM PUMPING PRESSURE

REMARKS:

317251

TICKET NO: 34608600

CLOCK NO: 30738 HOUR: 120

HALLIBURTON SERVICES

GAUGE NO: 1114

DEPTH: 9039.8

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log\frac{t+\Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
16	20	4152.6	91.1	19.2	1.404
17	22	4152.6	91.1	21.1	1.363
18	24	4152.6	91.1	22.8	1.329
19	26	4152.6	91.1	24.7	1.295
20	28	4153.1	91.7	26.6	1.261
21	30	4153.1	91.7	28.5	1.232
22	35	4153.1	91.7	32.7	1.172
23	40	4153.1	91.7	37.2	1.117
24	45	4153.1	91.7	41.2	1.071
25	50	4153.1	91.7	45.5	1.029
26	55	4153.1	91.7	49.5	0.993
27	60	4153.1	91.7	53.4	0.959
28	70	4153.1	91.7	61.2	0.900
29	80	4153.1	91.7	68.8	0.849
30	90	4153.1	91.7	76.0	0.806
31	100	4153.1	91.7	83.0	0.768
32	110	4153.1	91.7	89.8	0.734
33	120	4153.1	91.7	96.3	0.703
34	135	4153.1	91.7	105.8	0.662
35	150	4153.1	91.7	114.7	0.627
36	165	4153.1	91.7	123.2	0.596
37	180	4153.1	91.7	131.4	0.568
38	195	4153.1	91.7	139.2	0.543
39	210	4152.6	91.1	146.7	0.520
40	225	4152.6	91.1	153.9	0.500
41	240	4150.0	88.5	160.8	0.480
42	300	4150.0	88.5	185.5	0.418
43	360	4149.5	88.0	206.9	0.371
44	420	4147.9	86.5	225.4	0.334
45	480	4146.9	85.4	241.5	0.304
46	540	4145.8	84.4	255.8	0.279
47	600	4145.8	84.4	268.6	0.258
48	660	4145.8	84.4	280.0	0.240
49	720	4145.8	84.4	290.2	0.224
50	780	4145.8	84.4	299.5	0.210
51	840	4144.3	82.8	307.9	0.198
52	900	4144.3	82.8	315.7	0.188
53	960	4144.3	82.8	322.7	0.178
54	1020	4144.3	82.8	329.3	0.169
G 55	1033	4144.3	82.8	330.6	0.168
THIRD FLOW					
H 1	0	4029.7			
[2] 2	9	4124.5	94.8		
3	10	4051.0	-73.4		
4	20	3958.1	-92.9		
5	30	3970.7	12.6		
6	40	3980.1	9.4		
7	50	3980.6	0.5		
8	60	3980.6	0.0		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log\frac{t+\Delta t}{\Delta t}$
THIRD FLOW - CONTINUED					
9	70	3980.6	0.0		
10	80	3983.8	3.1		
11	90	3985.9	2.1		
12	100	3985.9	0.0		
13	110	3985.9	0.0		
14	120	3988.0	2.1		
15	130	3988.0	0.0		
16	140	3989.0	1.0		
17	150	3989.0	0.0		
18	160	3989.0	0.0		
19	170	3989.0	0.0		
20	180	3989.0	0.0		
21	190	3989.0	0.0		
22	200	3989.0	0.0		
23	210	3989.0	0.0		
24	220	3989.0	0.0		
25	230	3989.0	0.0		
26	240	3989.0	0.0		
27	250	3989.0	0.0		
[1] 28	255	3989.0	0.0		
[4] 29	276	4127.6	138.6		
[5] 30	306	8130.4	4002.8		
I 31	320	4486.5	-3644.0		

LEGEND:

[1] CLOSED AT SURFACE
[2] OPENED AT SURFACE
[3] CHOKE CHANGE
[4] BEGIN PUMPING
[5] MAXIMUM PUMPING PRESSURE

REMARKS:

317252

TICKET NO: 34608600

CLOCK NO: 31786 HOUR: 120

HALLIBURTON SERVICES

GAUGE NO: 1125

DEPTH: 9039.8

FIRST FLOW

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log\frac{t+\Delta t}{\Delta t}$
B	1	0	3559.1			
[1]	2	10	3835.2	276.2		
	3	20	4061.1	225.9		
	4	30	4063.7	2.6		
	5	40	4065.8	2.1		
	6	50	4065.8	0.0		
	7	60	4065.8	0.0		
	8	70	4065.8	0.0		
	9	80	4065.8	0.0		
	10	90	4065.8	0.0		
	11	100	4065.8	0.0		
[2]	12	108	4065.8	0.0		
	13	110	3905.7	-160.1		
	14	120	3937.8	32.1		
	15	130	3935.2	-2.6		
[3]	16	140	3939.4	4.1		
	17	150	3864.2	-75.1		
[3]	18	158	3917.1	52.8		
	19	160	3908.3	-8.8		
	20	170	3889.6	-18.7		
	21	180	3882.9	-6.7		
[3]	22	188	3880.3	-2.6		
	23	190	3836.8	-43.5		
	24	200	3783.4	-53.4		
[3]	25	210	3792.2	8.8		
	26	220	3902.1	109.8		
	27	230	3906.2	4.1		
C	28	237	3906.2	0.0		

FIRST CLOSED-IN

C	1	0	3906.2			
	2	1	4004.1	97.9	1.0	2.354
	3	2	4087.0	180.8	2.1	2.055
	4	3	4089.6	183.4	3.1	1.881
	5	4	4092.2	186.0	4.0	1.774
	6	5	4094.3	188.1	4.9	1.688
	7	6	4094.3	188.1	5.9	1.606
	8	7	4094.3	188.1	7.0	1.529
	9	8	4094.3	188.1	7.9	1.480
	10	9	4094.3	188.1	8.7	1.436
	11	10	4094.3	188.1	9.7	1.390
	12	12	4094.3	188.1	11.5	1.316
	13	14	4094.3	188.1	13.2	1.254
	14	16	4094.3	188.1	15.1	1.197
	15	18	4094.3	188.1	17.0	1.144
	16	20	4094.3	188.1	18.5	1.109
	17	22	4094.3	188.1	20.4	1.066
	18	24	4094.3	188.1	21.9	1.035

FIRST CLOSED-IN - CONTINUED

	19	26	4094.3	188.1	23.6	1.002
D	20	27	4094.3	188.1	24.6	0.985

SECOND FLOW

E	1	0	3900.5			
	2	10	3959.6	59.1		
	3	20	4009.3	49.7		
[3]	4	25	4010.9	1.6		
	5	30	3999.0	-11.9		
	6	40	4006.7	7.8		
	7	50	4006.7	0.0		
	8	60	4006.7	0.0		
	9	70	4006.7	0.0		
	10	80	4006.7	0.0		
	11	90	4006.7	0.0		
	12	100	4006.7	0.0		
	13	110	4006.7	0.0		
	14	120	4006.7	0.0		
	15	130	4006.7	0.0		
	16	140	4006.7	0.0		
	17	150	4006.7	0.0		
	18	160	4008.8	2.1		
	19	170	4008.8	0.0		
	20	180	4009.8	1.0		
	21	190	4009.8	0.0		
	22	200	4009.8	0.0		
	23	210	4009.8	0.0		
	24	220	4009.8	0.0		
	25	230	4009.8	0.0		
	26	240	4009.8	0.0		
F	27	249	4009.8	0.0		

SECOND CLOSED-IN

F	1	0	4009.8			
	2	1	4096.9	87.0	1.1	2.665
	3	2	4098.4	88.6	1.9	2.397
	4	3	4098.4	88.6	3.0	2.211
	5	4	4098.4	88.6	3.9	2.098
	6	5	4098.4	88.6	5.1	1.982
	7	6	4098.4	88.6	5.9	1.912
	8	7	4099.5	89.6	6.8	1.852
	9	8	4099.5	89.6	7.9	1.792
	10	9	4099.5	89.6	8.9	1.739
	11	10	4099.5	89.6	10.0	1.686
	12	12	4099.5	89.6	11.6	1.622
	13	14	4099.5	89.6	13.6	1.553
	14	16	4100.0	90.2	15.6	1.494
	15	18	4100.0	90.2	17.3	1.449

LEGEND:
[1] CLOSED AT SURFACE
[2] OPENED AT SURFACE
[3] CHOKE CHANGE
[4] BEGIN PUMPING
[5] MAXIMUM PUMPING PRESSURE

REMARKS:

317253

TICKET NO: 34608600

CLOCK NO: 31786 HOUR: 120

HALLIBURTON SERVICES

GAUGE NO: 1125

DEPTH: 9039.8

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
	SECOND CLOSED-IN - CONTINUED				
16	20	4100.0	90.2	19.4	1.400
17	22	4100.0	90.2	21.2	1.361
18	24	4100.0	90.2	23.1	1.323
19	26	4101.6	91.7	24.9	1.291
20	28	4101.6	91.7	26.5	1.264
21	30	4101.6	91.7	28.2	1.236
22	35	4101.6	91.7	32.7	1.172
23	40	4101.6	91.7	37.0	1.119
24	45	4101.6	91.7	41.2	1.072
25	50	4101.6	91.7	45.3	1.030
26	55	4101.6	91.7	49.5	0.992
27	60	4101.6	91.7	53.5	0.959
28	70	4101.6	91.7	61.3	0.899
29	80	4101.6	91.7	68.8	0.849
30	90	4101.6	91.7	76.1	0.806
31	100	4101.6	91.7	82.9	0.768
32	110	4101.6	91.7	89.8	0.733
33	120	4101.6	91.7	96.3	0.703
34	135	4101.6	91.7	105.7	0.663
35	150	4101.6	91.7	114.7	0.627
36	165	4101.6	91.7	123.2	0.596
37	180	4101.6	91.7	131.4	0.568
38	195	4101.6	91.7	139.1	0.543
39	210	4101.6	91.7	146.7	0.520
40	225	4101.6	91.7	154.0	0.499
41	240	4101.6	91.7	160.7	0.481
42	300	4100.0	90.2	185.5	0.418
43	360	4100.0	90.2	206.8	0.371
44	420	4097.4	87.6	225.4	0.334
45	480	4097.4	87.6	241.6	0.304
46	540	4097.4	87.6	255.9	0.279
47	600	4095.3	85.5	268.6	0.258
48	660	4095.3	85.5	280.0	0.240
49	720	4096.9	87.0	290.2	0.224
50	780	4094.8	85.0	299.5	0.210
51	840	4094.3	84.5	307.9	0.198
52	900	4094.3	84.5	315.7	0.188
53	960	4092.2	82.4	322.7	0.178
54	1020	4090.7	80.8	329.2	0.169
G 55	1033	4088.6	78.8	330.6	0.168
	THIRD FLOW				
H 1	0	3980.3			
[2] 2	9	4077.2	96.9		
3	10	4001.0	-76.2		
4	20	3915.5	-85.5		
5	30	3926.9	11.4		
6	40	3933.2	6.2		
7	50	3934.7	1.6		
8	60	3936.8	2.1		

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
	THIRD FLOW - CONTINUED				
9	70	3936.8	0.0		
10	80	3937.3	0.5		
11	90	3939.4	2.1		
12	100	3939.4	0.0		
13	110	3939.4	0.0		
14	120	3939.4	0.0		
15	130	3939.4	0.0		
16	140	3940.9	1.6		
17	150	3941.5	0.5		
18	160	3941.5	0.0		
19	170	3941.5	0.0		
20	180	3942.0	0.5		
21	190	3942.0	0.0		
22	200	3942.0	0.0		
23	210	3942.0	0.0		
24	220	3942.0	0.0		
25	230	3942.0	0.0		
26	240	3942.0	0.0		
27	250	3942.0	0.0		
[1] 28	255	3942.0	0.0		
[4] 29	276	4076.7	134.7		
[5] 30	306	8120.6	4043.9		
I 31	320	4429.5	-3691.1		

LEGEND:

[1] CLOSED AT SURFACE
[2] OPENED AT SURFACE
[3] CHOKE CHANGE
[4] BEGIN PUMPING
[5] MAXIMUM PUMPING PRESSURE

REMARKS:

317254

TICKET NO. 34608600

		O.D.	I.D.	LENGTH	DEPTH
4	FLEX WEIGHT.....	5.000	3.000	30.5	
1	DRILL PIPE.....	5.000	3.687	260.5	
6	SUB-SEA TEST TREE.....	18.000	2.830	18.0	
1	DRILL PIPE.....	5.000	3.687	8047.1	
4	FLEX WEIGHT.....	5.000	3.000	301.9	
5	CROSSOVER.....	6.250	2.900	1.0	
65	SURFACE READ OUT VALVE.....	3.500	1.500	1.1	8651.0
5	CROSSOVER.....	4.750	2.300	1.2	
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.813	92.2	
5	CROSSOVER.....	5.750	2.600	1.0	
10	SLIP JOINT.....	5.000	2.250	18.2	
10	SLIP JOINT.....	5.000	2.250	16.2	
10	SLIP JOINT.....	5.000	2.250	13.2	
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.813	91.6	
5	CROSSOVER.....	5.750	2.600	1.0	
57	FUL-FLO HYDRAULIC BYPASS.....	4.625	2.250	7.2	8894.9
10	SLIP JOINT.....	5.000	2.250	13.2	
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.813	92.7	
5	CROSSOVER.....	5.750	2.600	1.0	
54	APR-M2 SAFETY CIRCULATING VALVE.	5.030	2.250	7.5	9009.6
64	APR-N TESTER.....	5.000	2.250	16.4	9012.5
15	JAR.....	4.625	2.370	5.0	
84	BUNDLE CARRIER.....	5.375	2.250	8.0	9039.8
57	FUL-FLO HYDRAULIC BYPASS.....	4.625	2.250	7.2	9046.9

CONTINUED

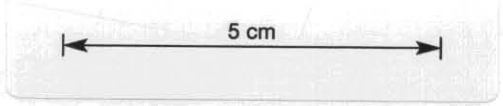
5 cm

EQUIPMENT DATA

317255

TICKET NO. 34608600

		O.D.	I.D.	LENGTH	DEPTH
5	CROSSOVER.....	4.750	2.375	1.0	
16	VR SAFETY JOINT.....	4.625	2.250	4.8	
71	CASING PACKER.....	7.800	3.750	5.3	9055.5
1	DRILL PIPE.....	5.000	3.687	31.5	
	TOTAL DEPTH				10941.0

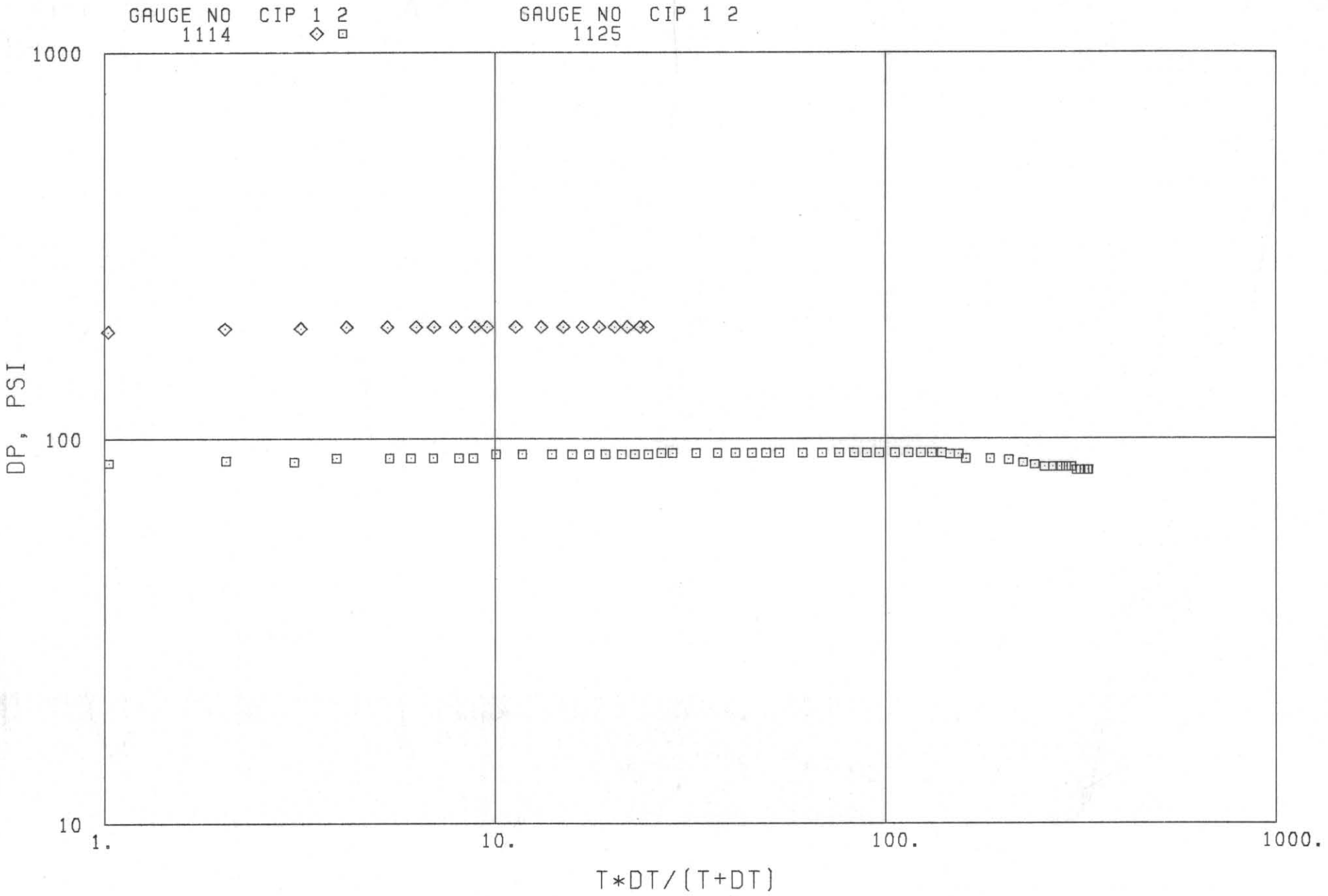


EQUIPMENT DATA

317256

317257

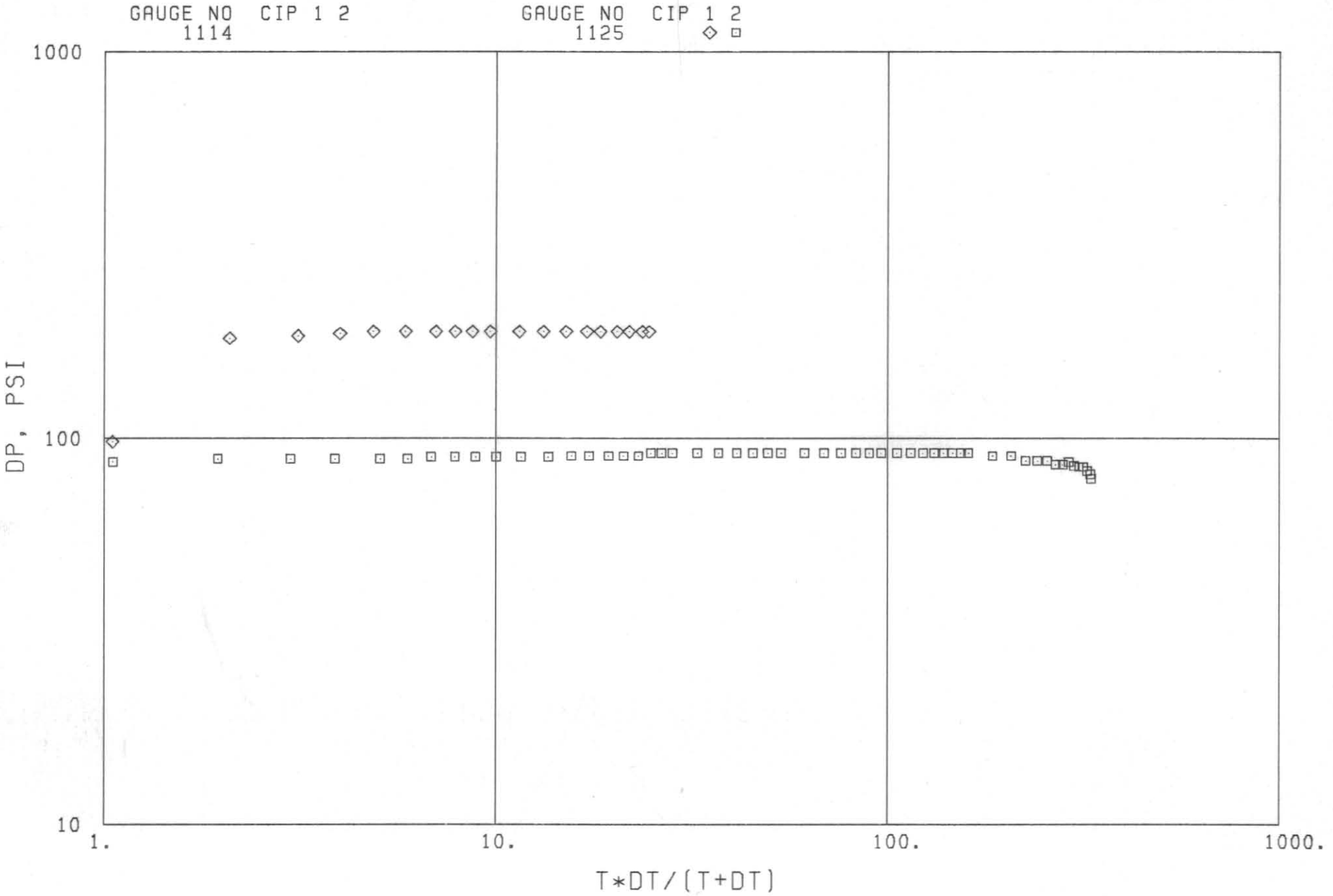
TICKET NO 34608600



802

317258

TICKET NO 34608600



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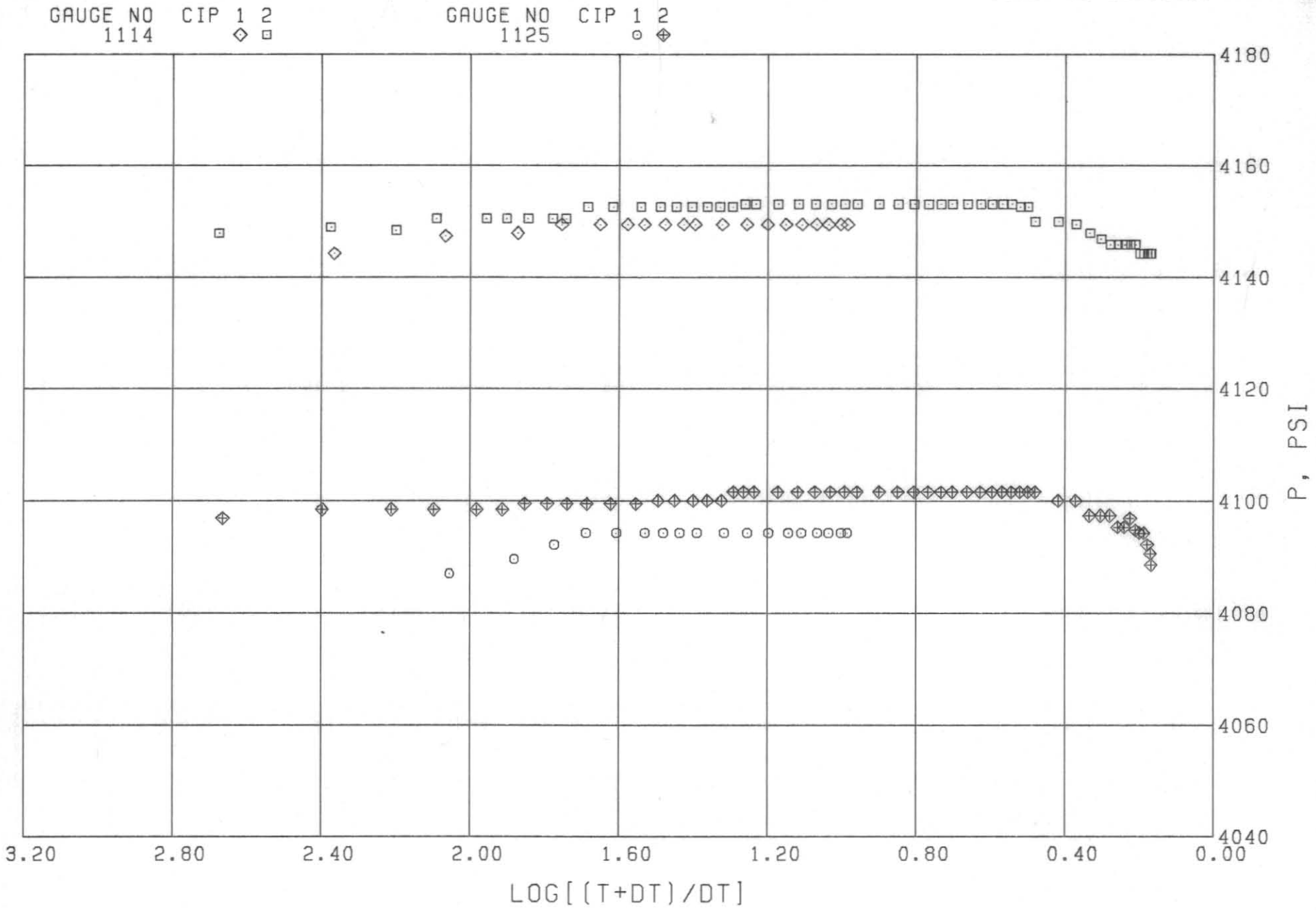
317259

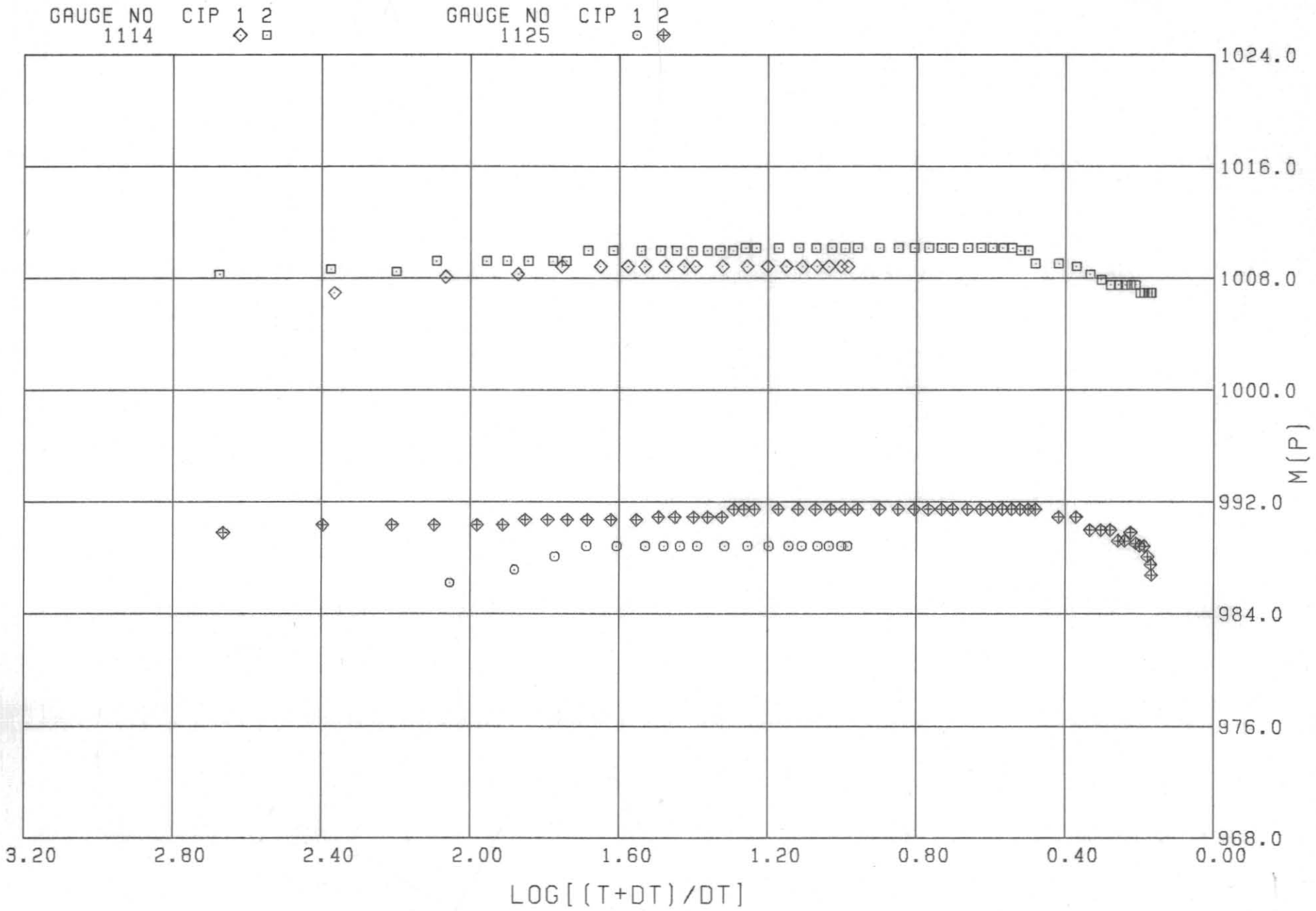
TICKET NO 34608600



804

317260

TICKET NO 34608600



805

EQUATIONS FOR DST LIQUID WELL ANALYSIS

Transmissibility	$\frac{kh}{\mu} = \frac{162.6\ QB}{m}$	$\frac{\text{md-ft}}{\text{cp}}$
Indicated Flow Capacity	$kh = \frac{kh}{\mu}\,\mu$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151\left[\frac{P^* - P_f}{m} - \text{LOG}\left(\frac{k(t/60}{\phi\,\mu\,c_t r_w^2}\right) + 3.23\right]$	—
Damage Ratio	$DR = \frac{P^* - P_f}{P^* - P_f - 0.87\ mS}$	—
Theoretical Potential w / Damage Removed	$Q_t = Q\ DR$	BPD
Approx. Radius of Investigation	$r_i = 0.032\sqrt{\frac{k(t/60)}{\phi\mu c_t}}$	ft

EQUATIONS FOR DST GAS WELL ANALYSIS

Indicated Flow Capacity	$kh = \frac{1637\ Q_g\ T}{m}$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151\left[\frac{m(P^*) - m(P_f)}{m} - \text{LOG}\left(\frac{k(t/60)}{\phi\,\mu\,c_t r_w^2}\right) + 3.23\right]$	—
Damage Ratio	$DR = \frac{m(P^*) - m(P_f)}{m(P^*) - m(P_f) - 0.87\ mS}$	—
Indicated Flow Rate (Maximum)	$AOF_1 = \frac{Q_g\ m(P^*)}{m(P^*) - m(P_f)}$	MCFD
Indicated Flow Rate (Minimum)	$AOF_2 = Q_g\sqrt{\frac{m(P^*)}{m(P^*) - m(P_f)}}$	MCFD
Approx. Radius of Investigation	$r_i = 0.032\sqrt{\frac{k(t/60)}{\phi\mu c_t}}$	ft

ENCLOSURE. 5.

317262

OTIS ENGINEERING CORPORATION
BOTTOM HOLE PRESSURE
REPORTS

AMOCO AUSTRALIA LTD
YOLLA # 1, DST # 2
22/9/85 R212/85

317263

JN/MS/933/85

OTIS

P.O. BOX 324, SALE,
VICTORIA, 3850, AUSTRALIA.
Telephone: 44 3212
Telex: OTISALE
AA51140

October 14, 1985

Amoco Australia Ltd.,
10 Lampton Ave,
DERWENT PARK, HOBART, TAS., 7009

Dear Sir,

Please find enclosed the final report for the Yolla # 1, DST # 2, dated September 22, 1985.

If there are any queries concerning the above please do not hesitate to contact me.

Otis Engineering Corporation wish to thank Amoco for this opportunity to complete your B.H.P. work with our Electric Line Unit, and hope in the future Amoco Australia will give Otis the opportunity to complete more of your B.H.P. Surveys.

Yours sincerely,

JOHN NICHOLSON
OTIS ENGINEERING CORPORATION
AUSTRALIA, NEW ZEALAND & PAPUA NEW GUINEA

Encl/..

OTIS

SEQUENCE OF OPERATIONS

OEC—872-B

TEST NUMBER	RIG NAME	PAGE	OF
# 2	ROBERT F. BAUER	1	2

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA	YOLLA # 1 1830-1835m	WILDCAT	TASMANIA

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
BILL BAACH	JOHN NICHOLSON

	DATE	TIME	OPERATIONS
1	22/9/85	0945	PRESSURE TEST TO 3500 PSI
2	"	1009	COMPUTOR ON
3	"	1010	OPENED WELL
4	"	1015	STUCK IN LUBRICATOR
5	"	1124	R.I.H.
6	"	1215	ON DEPTH @ 5771' MDKD (H.P. GAUGE)
7	"	1222	OPEN WELL @ CHOKE ON 8/64
8	"	1326	CHANGE TO POSITIVE CHOKE 16/64
9	"	1351	" " 24/64 ADJ
10	"	1353	CHOKE PLUGGED CHANGE 16/64 POSITIVE
11	"	1403	CHANGE CHOKE 32/64 ADJUSTABLE
12	"	1416	" 28/64
13	"	1418	" 24/64
14	"	1431	" 24/64 POSITIVE
15	"	1434	" 32/64 ADJUSTABLE
16	"	1444	" 40/64 POSITIVE
17	"	1535	" 58/64
18	"	1538	" 48/64
19	"	1546	" 46/64

317265

OTIS

SEQUENCE OF OPERATIONS

OEC—872-B

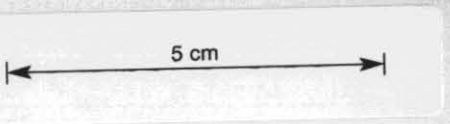
TEST NUMBER	RIG NAME	PAGE	OF
# 2	ROBERT F.BAUER	2	2

CUSTOMER	WELL NAME OR NUMBER	FIELD	AREA
AMOCO AUSTRALIA	YOLLA # 1	WILDCAT	TASMANIA

CUSTOMER REPRESENTED BY	OTIS TEST SUPERVISOR
BILL BAACH	JOHN NICHOLSON

	DATE	TIME	OPERATIONS
1	22/9/85	1610	FLOW DIVERTED THROUGH SEPERATOR
2	"	1715	BYPASS SEPERATOR
3	"	1755	CHANGE CHOKE TO 32
4	"	1805	CHANGE CHOKE TO 32 POSITIVE
5	"	1845	FLOW DIVERTED THROUGH SEPERATOR
6	"	2000	PREPARED TO DO FLOWING GRADIENTS
7	"	2004	R.I.H. @ 2004 HRS TO 6017 MDKB (H-P GAUGE) AT DEPTH @ 2007 HRS
8	"	2037	POOH @ 2037 HRS TO 5617' " " " " 2040 HRS
9	"	2110	RIH @ 2110 HRS TO 5771' " " " " 2115 HRS
10	"		CHANGE TO 30 SEC READINGS
11	"	2201	SHUT IN @ CHOKE
12	"	2211	CHANGE TO 60 READINGS
13	"	2246	CHANGE TO 300 READINGS
14	"	2352	CHANGE TO 60 READINGS FOR STATIC GRADIENT STOPS
15	23/9/85	0002	POOH TO 5271' (H-P) 1ST GRADIENT. THERE @ 0006
16	"	0021	POOH TO 4271' (H-P) 2ND GRADIENT. THERE @ 0026
17	"	0041	POOH TO SURFACE
18	"	0100	IN LUB
19			SHUT IN CROWN VALVE PROGRAM ENDED.

317266



OTIS ELECTRIC LINE SERVICES

HORNER

CUSTOMER: AMOCO

WELL: YOLLA#1

DATE: 22 / 9 / 85

2

HORNER FLOW TIME (HOURS) = 10.3

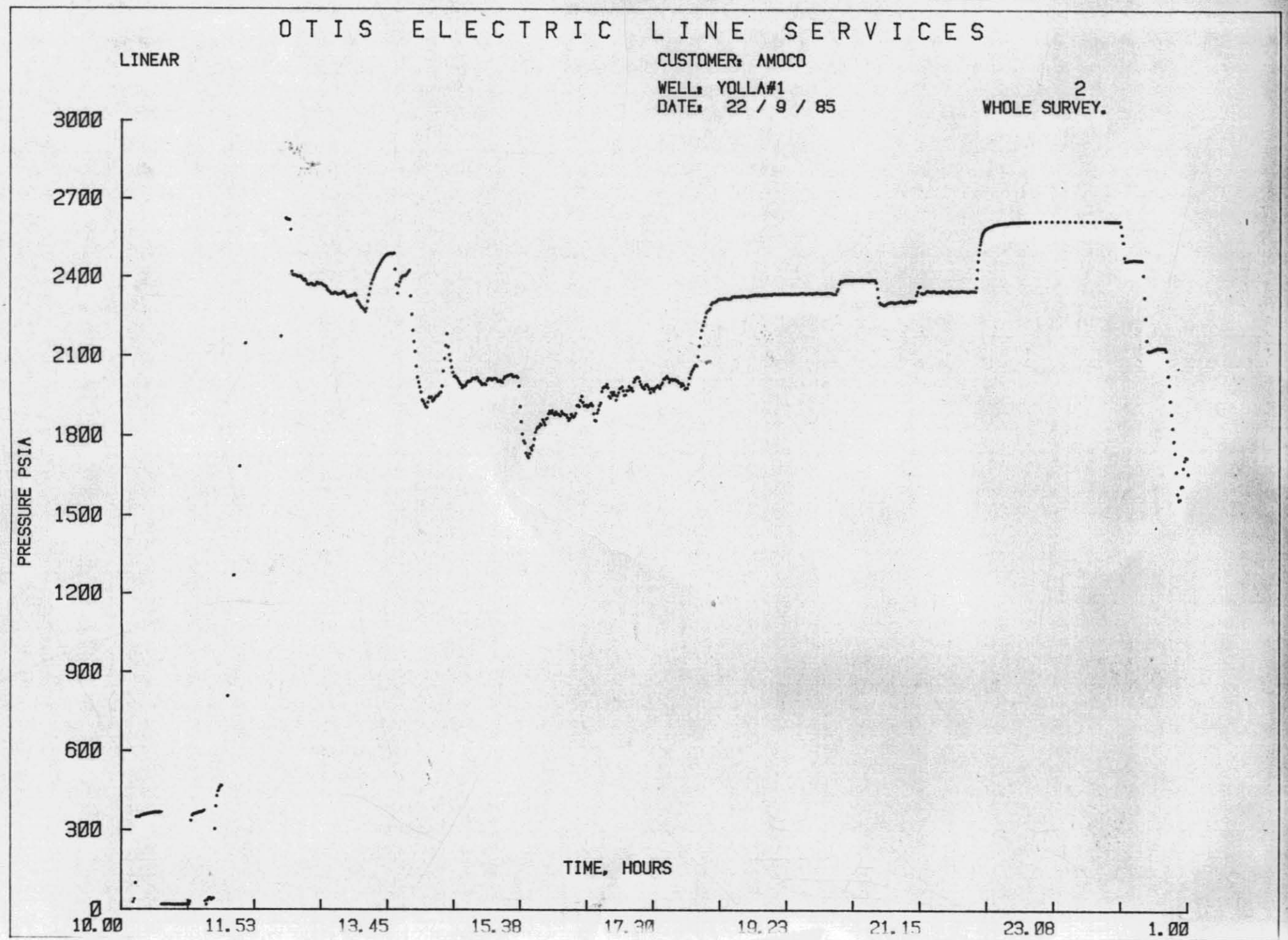
PRESSURE PSIA

2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700

HORNER TIME

1000. 100. 10. 1.

317267


OTIS ELECTRIC LINE SERVICES
LINEAR
CUSTOMER: AMOCO
WELL: YOLLA#1
DATE: 22 / 9 / 85
2
WHOLE SURVEY.
PRESSURE PSIA
3000
2700
2400
2100
1800
1500
1200
900
600
300
0
TIME, HOURS
10.00
11.53
13.45
15.38
17.30
19.23
21.15
23.08
1.00

317268

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	1	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1009:00	5.86	5.86	51.69						COMPUTER ON.	1
2	22	1010:00	25.92	20.06	51.68							2
3	22	1011:00	38.87	12.95	51.67							3
4	22	1012:00	99.61	60.74	51.70							4
5	22	1013:00	348.40	248.79	51.81							5
6	22	1014:00	347.89	-.51	51.95							6
7	22	1015:00	348.90	1.01	52.15							7
8	22	1016:00	350.28	1.39	52.36							8
9	22	1017:00	353.31	3.03	52.52							9
10	22	1018:00	353.86	.54	52.66							10
11	22	1019:00	355.74	1.89	52.74							11
12	22	1020:00	356.98	1.24	52.79							12
13	22	1021:00	357.83	.85	52.82							13
14	22	1022:00	360.24	2.40	52.82							14
15	22	1023:00	360.16	-.08	52.76							15
16	22	1024:00	361.32	1.17	52.71							16
17	22	1025:00	362.11	.79	52.60							17
18	22	1026:00	363.19	1.08	52.51							18
19	22	1027:00	363.90	.70	52.41							19
20	22	1028:00	364.89	.99	52.27							20
21	22	1029:00	365.11	.23	52.14							21
22	22	1030:00	364.38	-.74	52.04							22
23	22	1031:00	365.36	.98	51.91							23
24	22	1032:00	365.21	-.16	51.79							24
25	22	1033:00	365.76	.55	51.67							25
26	22	1034:00	17.70	-348.06	51.53							26
27	22	1035:00	18.57	.87	51.36							27
28	22	1036:00	18.01	-.56	51.20							28
29	22	1037:00	17.53	-.48	51.07							29
30	22	1038:00	18.72	1.19	50.96							30
31	22	1039:00	17.98	-.74	50.88							31
32	22	1040:00	18.83	.85	50.79							32
33	22	1041:00	19.07	.24	50.73							33
34	22	1042:00	17.54	-1.52	50.68							34
35	22	1043:00	18.13	.59	50.63							35
36	22	1044:00	18.14	.00	50.61							36
37	22	1045:00	17.00	-1.14	50.58							37
38	22	1046:00	17.58	.59	50.53							38

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317269

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	2	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1047:00	17.69	.10	50.50							1
2	22	1048:00	18.17	.49	50.47							2
3	22	1049:00	17.42	-.76	50.44							3
4	22	1050:00	18.09	.68	50.42							4
5	22	1051:00	18.10	.01	50.38							5
6	22	1052:00	18.01	-.09	50.35							6
7	22	1053:00	17.92	-.09	50.32							7
8	22	1054:00	18.60	.68	50.29							8
9	22	1055:00	18.52	-.08	50.25							9
10	22	1056:00	18.43	-.09	50.22							10
11	22	1057:00	18.25	-.18	50.17							11
12	22	1058:00	29.78	11.53	50.12							12
13	22	1059:00	333.27	303.49	50.13							13
14	22	1100:00	354.07	20.81	50.30							14
15	22	1101:00	357.84	3.77	50.59							15
16	22	1102:00	359.96	2.12	50.95							16
17	22	1103:00	361.60	1.64	51.32							17
18	22	1104:00	362.85	1.25	51.68							18
19	22	1105:00	363.44	.59	52.00							19
20	22	1106:00	366.92	3.48	52.29							20
21	22	1107:00	367.15	.23	52.54							21
22	22	1108:00	367.57	.43	52.75							22
23	22	1109:00	368.98	1.40	52.91							23
24	22	1110:00	372.02	3.05	53.03							24
25	22	1111:00	30.75	-341.27	53.12							25
26	22	1112:00	17.87	-12.87	53.19							26
27	22	1113:00	34.37	16.49	53.22							27
28	22	1114:00	43.28	8.91	53.28							28
29	22	1115:00	42.97	-.30	53.34							29
30	22	1116:00	38.26	-4.71	53.39							30
31	22	1117:00	40.55	2.29	53.42							31
32	22	1118:00	41.79	1.24	53.42							32
33	22	1119:00	303.02	261.23	53.43							33
34	22	1120:00	389.01	85.99	53.45							34
35	22	1121:00	427.43	38.42	53.62							35
36	22	1122:00	446.50	19.07	53.89							36
37	22	1123:00	457.96	11.46	54.33							37
38	22	1124:00	466.20	8.24	54.37					35	RIH.	38

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OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	3	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1125:00	466.48	.28	56.04							1
2	22	1130:00	808.04	341.56	78.07					370		2
3	22	1135:00	1266.78	458.73	104.95							3
4	22	1140:00	1683.56	416.78	126.94							4
5	22	1145:00	2145.38	461.82	148.11					372		5
6	22	1215:00	2172.98	27.60	151.55					367	ON DEPTH.5771ft.RKB.	6
7	22	1219:00	2624.37	451.40	185.61							7
8	22	1220:00	2620.60	-3.77	185.61					367		8
9	22	1221:00	2619.11	-1.49	186.03							9
10	22	1222:00	2617.82	-1.29	186.35				8	250	OPEN WELL.	10
11	22	1223:00	2579.96	-37.86	186.60				8			11
12	22	1224:00	2416.41	-163.55	186.86				8	165		12
13	22	1225:00	2404.73	-11.68	187.42				8	157		13
14	22	1226:00	2402.53	-2.20	188.20				8	157		14
15	22	1227:00	2403.63	1.09	189.03				8	159		15
16	22	1228:00	2402.40	-1.22	189.78				8	165		16
17	22	1229:00	2398.76	-3.64	190.55				8	170		17
18	22	1230:00	2398.13	-.63	191.21				8	170		18
19	22	1231:00	2400.52	2.38	191.70				8			19
20	22	1232:00	2397.44	-3.08	192.13				8			20
21	22	1233:00	2389.97	-7.47	192.47				8			21
22	22	1234:00	2383.94	-6.03	192.77				8			22
23	22	1235:00	2388.38	4.44	193.04				8	180		23
24	22	1236:00	2380.80	-7.58	193.31				8			24
25	22	1237:00	2370.50	-10.30	193.54				8			25
26	22	1238:00	2367.09	-3.41	193.73				8			26
27	22	1239:00	2368.92	1.83	193.94				8			27
28	22	1240:00	2371.81	2.89	194.15				8	210		28
29	22	1241:00	2371.70	-.11	194.36				8			29
30	22	1242:00	2366.16	-5.54	194.56				8			30
31	22	1243:00	2365.37	-.79	194.75				8			31
32	22	1244:00	2366.81	1.44	194.96				8			32
33	22	1245:00	2376.39	9.58	195.22				8	235		33
34	22	1246:00	2375.01	-1.38	195.50				8			34
35	22	1247:00	2371.31	-3.71	195.79				8			35
36	22	1248:00	2372.26	.95	196.05				8			36
37	22	1249:00	2372.53	.27	196.31				8			37
38	22	1250:00	2369.70	-2.83	196.55				8	260		38

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OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	4	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1251:00	2365.42	-4.28	196.73				8			1
2	22	1252:00	2362.50	-2.92	196.91				8			2
3	22	1253:00	2360.64	-1.85	197.12				8	300		3
4	22	1254:00	2351.00	-9.64	197.31				8			4
5	22	1255:00	2344.53	-6.47	197.44				8	315		5
6	22	1256:00	2340.54	-3.99	197.56				8			6
7	22	1257:00	2334.91	-5.63	197.66				8			7
8	22	1258:00	2333.16	-1.75	197.75				8			8
9	22	1259:00	2333.35	.19	197.83				8			9
10	22	1300:00	2338.09	4.74	197.94				8	370		10
11	22	1301:00	2337.40	-.69	198.08				8			11
12	22	1302:00	2336.03	-1.37	198.24				8			12
13	22	1303:00	2331.95	-4.08	198.37				8			13
14	22	1304:00	2333.30	1.35	198.47				8			14
15	22	1305:00	2333.30	-.01	198.55				8	450		15
16	22	1306:00	2334.55	1.26	198.63				8			16
17	22	1307:00	2340.85	6.30	198.72				8			17
18	22	1308:00	2341.71	.86	198.87				8			18
19	22	1309:00	2332.69	-9.03	198.97				8			19
20	22	1310:00	2325.50	-7.18	199.07				8			20
21	22	1311:00	2321.53	-3.98	199.07				8			21
22	22	1312:00	2323.56	2.03	199.13				8			22
23	22	1313:00	2325.98	2.42	199.18				8			23
24	22	1314:00	2327.27	1.29	199.21				8			24
25	22	1315:00	2327.63	.35	199.26				8	570	GAS AT SURFACE.	25
26	22	1316:00	2329.46	1.84	199.32				8	570	RAT HOLE MUD@SURFACE.	26
27	22	1317:00	2335.08	5.62	199.40				8			27
28	22	1318:00	2327.22	-7.86	199.50				8			28
29	22	1319:00	2307.24	-19.98	199.60				8			29
30	22	1320:00	2302.39	-4.86	199.71				8	720		30
31	22	1321:00	2294.53	-7.86	199.79				8			31
32	22	1322:00	2286.77	-7.76	199.86				8			32
33	22	1323:00	2281.82	-4.95	199.91				8	900	CHOKE PLUGGED OFF.	33
34	22	1324:00	2279.49	-2.33	199.98				8			34
35	22	1325:00	2273.77	-5.72	200.03				8			35
36	22	1326:00	2266.30	-7.47	200.08				16		CHANGE CHOKE SIZE.	36
37	22	1327:00	2278.51	12.21	200.09				16			37
38	22	1328:00	2306.14	27.63	200.11				16			38

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OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

317272

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	5	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1329:00	2331.25	25.11	200.16				16			1
2	22	1330:00	2352.97	21.72	200.17				16			2
3	22	1331:00	2372.75	19.78	200.27				16			3
4	22	1332:00	2386.52	13.77	200.32				16			4
5	22	1333:00	2396.99	10.47	200.38				16			5
6	22	1334:00	2408.50	11.51	200.40				16			6
7	22	1335:00	2419.23	10.73	200.40				16			7
8	22	1336:00	2429.29	10.06	200.40				16			8
9	22	1337:00	2437.73	8.44	200.43				16			9
10	22	1338:00	2445.78	8.05	200.43				16			10
11	22	1339:00	2454.32	8.54	200.46				16			11
12	22	1340:00	2462.17	7.86	200.48				16	1140		12
13	22	1341:00	2469.35	7.18	200.52				16			13
14	22	1342:00	2475.07	5.72	200.56				16			14
15	22	1343:00	2479.44	4.36	200.62				16			15
16	22	1344:00	2482.54	3.10	200.66				16			16
17	22	1345:00	2484.96	2.42	200.71				16	1170		17
18	22	1346:00	2486.41	1.45	200.74				16			18
19	22	1347:00	2487.19	.78	200.75				16			19
20	22	1348:00	2487.19	-.00	200.79				16			20
21	22	1349:00	2487.67	.49	200.78				16			21
22	22	1350:00	2489.23	1.55	200.78				16			22
23	22	1351:00	2426.16	-63.06	200.79				24		CHANGE CHOKE SIZE.	23
24	22	1352:00	2367.96	-58.20	200.76				24			24
25	22	1353:00	2335.47	-32.49	200.80				16			25
26	22	1354:00	2364.57	29.09	200.84				16			26
27	22	1355:00	2379.40	14.84	200.91				16	1180		27
28	22	1356:00	2392.30	12.90	200.97				16			28
29	22	1357:00	2399.09	6.79	201.01				16			29
30	22	1358:00	2401.80	2.72	201.02				16			30
31	22	1359:00	2401.96	.16	201.01				16			31
32	22	1400:00	2402.58	.61	201.01				16	1220		32
33	22	1401:00	2406.85	4.27	200.97				16			33
34	22	1402:00	2416.26	9.41	200.94				16			34
35	22	1403:00	2421.40	5.14	200.94				32		CHANGE CHOKE SIZE.	35
36	22	1404:00	2324.90	-96.50	200.97				32			36
37	22	1405:00	2255.38	-69.52	201.01				32	1120		37
38	22	1406:00	2193.73	-61.65	201.02				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	6	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1407:00	2151.67	-42.06	201.03				32			1
2	22	1408:00	2113.99	-37.69	201.02				32			2
3	22	1409:00	2058.77	-55.22	201.02				32			3
4	22	1410:00	2017.42	-41.35	200.97				32	960		4
5	22	1411:00	1997.76	-19.65	200.89				32			5
6	22	1412:00	1979.56	-18.20	200.84				32			6
7	22	1413:00	1961.17	-18.39	200.80				32			7
8	22	1414:00	1931.64	-29.53	200.79				32			8
9	22	1415:00	1927.48	-4.16	200.78				32	920		9
10	22	1416:00	1916.54	-10.94	200.77				28	920	CHANGE CHOKE SIZE.	10
11	22	1417:00	1906.76	-9.78	200.85				28	905		11
12	22	1418:00	1904.53	-2.23	200.86				24	905	CHANGE CHOKE SIZE.	12
13	22	1419:00	1923.89	19.36	200.91				24	930		13
14	22	1420:00	1940.92	17.03	201.00				24	970		14
15	22	1421:00	1941.49	.57	201.15				24			15
16	22	1422:00	1943.03	1.54	201.31				24			16
17	22	1423:00	1928.30	-14.72	201.42				24			17
18	22	1424:00	1932.26	3.96	201.53				24			18
19	22	1425:00	1941.06	8.80	201.62				24			19
20	22	1426:00	1946.76	5.70	201.77				24			20
21	22	1427:00	1947.63	.86	201.93				24			21
22	22	1428:00	1953.33	5.70	202.06				24			22
23	22	1429:00	1958.84	5.51	202.16				24			23
24	22	1430:00	1961.41	2.57	202.27				24	990		24
25	22	1431:00	1984.78	23.36	202.33				24	990		25
26	22	1432:00	2040.75	55.97	202.41				24			26
27	22	1433:00	2088.40	47.65	202.53				24	1100		27
28	22	1434:00	2138.00	49.60	202.67				32	1100	CHANGE CHOKE SIZE.	28
29	22	1435:00	2182.08	44.08	202.81				32	1070		29
30	22	1436:00	2132.45	-49.63	202.96				32			30
31	22	1437:00	2102.51	-29.95	203.06				32			31
32	22	1438:00	2079.64	-22.87	203.11				32			32
33	22	1439:00	2054.26	-25.38	203.13				32			33
34	22	1440:00	2034.40	-19.86	203.12				32	1025		34
35	22	1441:00	2019.68	-14.72	203.09				32			35
36	22	1442:00	2021.62	1.94	203.08				32			36
37	22	1443:00	2017.36	-4.26	203.06				32			37
38	22	1444:00	2012.42	-4.94	203 [illegible]				40	10[illegible]	CHANGE CHOKE SIZE.	38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	7	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1445:00	2002.83	-9.59	203.07				40	1010		1
2	22	1446:00	1993.92	-8.91	203.09				40			2
3	22	1447:00	1988.79	-5.13	203.08				40			3
4	22	1448:00	1977.36	-11.43	203.08				40			4
5	22	1449:00	1985.11	7.75	203.08				40			5
6	22	1450:00	1982.88	-2.23	203.09				40	995		6
7	22	1451:00	1986.75	3.87	203.05				40			7
8	22	1452:00	1997.31	10.55	203.07				40			8
9	22	1453:00	2003.40	6.10	203.14				40			9
10	22	1454:00	2000.69	-2.72	203.24				40			10
11	22	1455:00	2002.91	2.22	203.30				40			11
12	22	1456:00	2008.72	5.81	203.33				40			12
13	22	1457:00	2013.95	5.23	203.39				40			13
14	22	1458:00	2013.30	-.65	203.42				40			14
15	22	1459:00	2011.10	-2.20	203.43				40			15
16	22	1500:00	2016.46	5.36	203.45				40			16
17	22	1501:00	2014.81	-1.65	203.47				40			17
18	22	1502:00	2004.54	-10.27	203.49				40			18
19	22	1503:00	2001.25	-3.29	203.50				40			19
20	22	1504:00	1996.21	-5.04	203.52				40			20
21	22	1505:00	1988.85	-7.36	203.51				40			21
22	22	1506:00	1991.56	2.71	203.52				40			22
23	22	1507:00	1993.02	1.45	203.50				40			23
24	22	1508:00	1989.02	-3.99	203.50				40			24
25	22	1509:00	2004.16	15.14	203.43				40			25
26	22	1510:00	2013.36	9.20	203.49				40			26
27	22	1511:00	2009.87	-3.49	203.57				40			27
28	22	1512:00	2011.61	1.74	203.61				40			28
29	22	1513:00	2006.76	-4.85	203.65				40			29
30	22	1514:00	2009.08	2.32	203.66				40			30
31	22	1515:00	2012.57	3.48	203.70				40	1050		31
32	22	1516:00	2013.15	.58	203.72				40			32
33	22	1517:00	2010.63	-2.52	203.75				40			33
34	22	1518:00	2002.20	-8.43	203.76				40			34
35	22	1519:00	2002.68	.48	203.78				40			35
36	22	1520:00	2005.01	2.33	203.77				40			36
37	22	1521:00	2000.84	-4.17	203.71				40			37
38	22	1522:00	1998.32	-2.52	203.77				40			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	8	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1523:00	2010.91	12.59	203.80				40			1
2	22	1524:00	2019.14	8.23	203.85				40			2
3	22	1525:00	2019.24	.10	203.86				40			3
4	22	1526:00	2022.43	3.20	203.87				40			4
5	22	1527:00	2024.56	2.13	203.91				40			5
6	22	1528:00	2025.43	.87	203.92				40			6
7	22	1529:00	2027.85	2.42	203.94				40			7
8	22	1530:00	2027.75	-.10	203.97				40	1070		8
9	22	1531:00	2019.13	-8.62	203.98				40			9
10	22	1532:00	2019.52	.39	203.95				40			10
11	22	1533:00	2020.68	1.16	203.97				40			11
12	22	1534:00	2020.98	.29	203.95				40			12
13	22	1535:00	2015.84	-5.13	203.94				58		CHANGE CHOKE SIZE.	13
14	22	1536:00	1984.37	-31.48	203.93				58	900		14
15	22	1537:00	1907.39	-76.98	203.85				58			15
16	22	1538:00	1850.77	-56.62	203.79				48	900	CHANGE CHOKE SIZE.	16
17	22	1539:00	1805.29	-45.48	203.70				48	880		17
18	22	1540:00	1780.08	-25.21	203.57				48	840		18
19	22	1541:00	1771.26	-8.82	203.44				48			19
20	22	1542:00	1734.79	-36.47	203.36				48			20
21	22	1543:00	1723.19	-11.60	203.26				48			21
22	22	1544:00	1717.10	-6.09	203.20				48			22
23	22	1545:00	1732.20	15.09	203.16				48	835		23
24	22	1546:00	1754.93	22.74	203.15				46	835	CHANGE CHOKE SIZE.	24
25	22	1547:00	1745.93	-9.00	203.17				46	860		25
26	22	1548:00	1762.86	16.93	203.21				46			26
27	22	1549:00	1787.33	24.47	203.28				46			27
28	22	1550:00	1812.48	25.15	203.39				46	910		28
29	22	1551:00	1824.66	12.18	203.53				46			29
30	22	1552:00	1832.30	7.64	203.63				46			30
31	22	1553:00	1831.33	-.98	203.74				46			31
32	22	1554:00	1842.84	11.51	203.83				46			32
33	22	1555:00	1839.44	-3.39	203.87				46	890		33
34	22	1556:00	1859.28	19.84	203.95				46			34
35	22	1557:00	1849.59	-9.68	203.99				46			35
36	22	1558:00	1840.30	-9.29	204.07				46			36
37	22	1559:00	1861.88	21.58	204.12				46			37
38	22	1600:00	1864.97	3.10	204.18				46	92		38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	9	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1601:00	1882.10	17.13	204.23				46			1
2	22	1602:00	1891.46	9.35	204.27				46			2
3	22	1603:00	1883.74	-7.72	204.31				46			3
4	22	1604:00	1894.39	10.65	204.35				46			4
5	22	1605:00	1882.67	-11.72	204.39				46			5
6	22	1606:00	1877.15	-5.52	204.41				46			6
7	22	1607:00	1889.25	12.10	204.44				46			7
8	22	1608:00	1879.57	-9.68	204.46				46			8
9	22	1609:00	1880.63	1.06	204.48				46			9
10	22	1610:00	1878.11	-2.52	204.50				46	910	FLOW TO SEPARATER.	10
11	22	1611:00	1874.63	-3.49	204.54				46			11
12	22	1612:00	1889.73	15.10	204.54				46			12
13	22	1613:00	1882.17	-7.55	204.57				46			13
14	22	1614:00	1880.04	-2.13	204.60				46			14
15	22	1615:00	1877.04	-3.00	204.62				46	910		15
16	22	1616:00	1876.36	-.68	204.62				46			16
17	22	1617:00	1866.39	-9.97	204.64				46			17
18	22	1618:00	1857.00	-9.39	204.66				46			18
19	22	1619:00	1864.26	7.26	204.67				46			19
20	22	1620:00	1880.13	15.87	204.68				46			20
21	22	1621:00	1874.81	-5.33	204.70				46			21
22	22	1622:00	1868.32	-6.49	204.68				46			22
23	22	1623:00	1873.25	4.93	204.72				46			23
24	22	1624:00	1883.32	10.07	204.71				46			24
25	22	1625:00	1912.75	29.43	204.78				46			25
26	22	1626:00	1913.91	1.16	204.85				46			26
27	22	1627:00	1908.87	-5.04	204.91				46			27
28	22	1628:00	1931.23	22.36	204.95				46			28
29	22	1629:00	1947.21	15.97	205.00				46			29
30	22	1630:00	1923.96	-23.25	205.08				46	960		30
31	22	1631:00	1909.73	-14.23	205.08				46			31
32	22	1632:00	1913.21	3.49	205.08				46			32
33	22	1633:00	1913.99	.77	205.09				46			33
34	22	1634:00	1906.63	-7.36	205.12				46			34
35	22	1635:00	1910.01	3.39	205.14				46			35
36	22	1636:00	1917.47	7.45	205.14				46			36
37	22	1637:00	1920.37	2.90	205.17				46			37
38	22	1638:00	1911.37	-9.00	205.18				46			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	10	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1639:00	1881.84	-29.53	205.20				46			1
2	22	1640:00	1856.67	-25.17	205.19				46			2
3	22	1641:00	1855.70	-.96	205.15				46			3
4	22	1642:00	1884.84	29.14	205.12				46			4
5	22	1643:00	1897.33	12.49	205.12				46			5
6	22	1644:00	1912.53	15.20	205.16				46			6
7	22	1645:00	1922.40	9.87	205.23				46	985		7
8	22	1646:00	1964.23	41.83	205.26				46			8
9	22	1647:00	1978.65	14.42	205.34				46			9
10	22	1648:00	1982.13	3.48	205.43				46			10
11	22	1649:00	1982.71	.57	205.52				46			11
12	22	1650:00	1990.74	8.03	205.58				46			12
13	22	1651:00	1978.82	-11.92	205.63				46			13
14	22	1652:00	1946.87	-31.96	205.65				46			14
15	22	1653:00	1939.99	-6.87	205.64				46			15
16	22	1654:00	1961.30	21.31	205.59				46			16
17	22	1655:00	1949.87	-11.43	205.54				46			17
18	22	1656:00	1962.36	12.49	205.56				46			18
19	22	1657:00	1951.03	-11.33	205.62				46			19
20	22	1658:00	1932.54	-18.49	205.63				46			20
21	22	1659:00	1948.90	16.37	205.62				46			21
22	22	1700:00	1960.52	11.62	205.64				46	955		22
23	22	1701:00	1975.63	15.11	205.64				46			23
24	22	1702:00	1977.85	2.22	205.70				46			24
25	22	1703:00	1981.92	4.07	205.73				46			25
26	22	1704:00	1967.29	-14.63	205.77				46			26
27	22	1705:00	1949.57	-17.72	205.80				46			27
28	22	1706:00	1952.47	2.91	205.79				46			28
29	22	1707:00	1968.74	16.27	205.79				46			29
30	22	1708:00	1969.23	.48	205.80				46			30
31	22	1709:00	1983.94	14.72	205.84				46			31
32	22	1710:00	1971.35	-12.59	205.87				46			32
33	22	1711:00	1979.00	7.65	205.90				46			33
34	22	1712:00	1966.79	-12.21	205.95				46			34
35	22	1713:00	2000.21	33.41	205.95				46			35
36	22	1714:00	2009.50	9.29	205.98				46			36
37	22	1715:00	2017.34	7.84	206.00				46	960	BYPASS SEPARATER.	37
38	22	1716:00	2018.89	1.55	206.08				46			38

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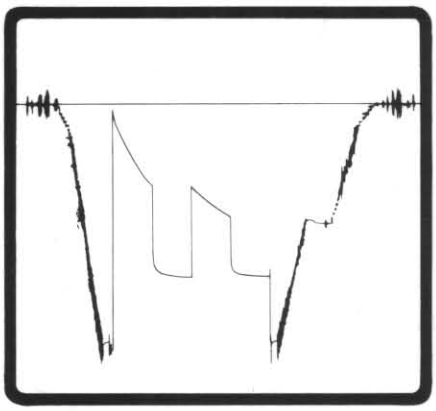
ENCLOSURE. 7.

FORMATION TESTING SERVICE REPORT



HALLIBURTON SERVICES

Duncan, Oklahoma 73536

A Halliburton Company

TPR OR-0320 VOL.2

1296-R5 Ⓓ—Southwestern

317278

OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	11	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1717:00	2015.11	-3.78	206.16				46			1
2	22	1718:00	2002.42	-12.69	206.21				46			2
3	22	1719:00	1989.83	-12.59	206.21				46			3
4	22	1720:00	1981.69	-8.14	206.21				46			4
5	22	1721:00	1980.24	-1.45	206.22				46			5
6	22	1722:00	1974.62	-5.62	206.20				46			6
7	22	1723:00	1989.15	14.53	206.18				46			7
8	22	1724:00	1990.79	1.65	206.20				46			8
9	22	1725:00	1983.14	-7.65	206.21				46			9
10	22	1726:00	1973.65	-9.49	206.22				46			10
11	22	1727:00	1960.77	-12.88	206.23				46			11
12	22	1728:00	1975.10	14.33	206.22				46			12
13	22	1729:00	1975.68	.58	206.23				46			13
14	22	1730:00	1965.61	-10.07	206.20				46	900		14
15	22	1731:00	1978.11	12.49	206.16				46			15
16	22	1732:00	1981.78	3.68	206.25				46			16
17	22	1733:00	1987.79	6.00	206.31				46			17
18	22	1734:00	1980.91	-6.88	206.31				46			18
19	22	1735:00	1977.13	-3.78	206.33				46			19
20	22	1736:00	1989.43	12.30	206.33				46			20
21	22	1737:00	1998.63	9.20	206.34				46			21
22	22	1738:00	2011.80	13.17	206.38				46			22
23	22	1739:00	2011.90	.10	206.39				46			23
24	22	1740:00	2017.13	5.23	206.41				46			24
25	22	1741:00	2021.77	4.65	206.44				46			25
26	22	1742:00	2012.96	-8.82	206.46				46			26
27	22	1743:00	2000.36	-12.59	206.48				46			27
28	22	1744:00	2010.15	9.78	206.47				46			28
29	22	1745:00	2010.05	-.10	206.43				46			29
30	22	1746:00	2007.73	-2.33	206.39				46			30
31	22	1747:00	2009.28	1.55	206.48				46			31
32	22	1748:00	2009.18	-.10	206.51				46			32
33	22	1749:00	2004.53	-4.65	206.51				46			33
34	22	1750:00	2004.34	-.19	206.49				46			34
35	22	1751:00	1998.43	-5.91	206.49				46			35
36	22	1752:00	1995.52	-2.91	206.48				46			36
37	22	1753:00	1984.48	-11.04	206.49				46			37
38	22	1754:00	1995.13	10.66	206.47				46			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	12	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1755:00	1987.58	-7.55	206.47				32		CHANGE CHOKE SIZE.	1
2	22	1756:00	1973.93	-13.65	206.45				32			2
3	22	1757:00	1978.48	4.55	206.44				32	990		3
4	22	1758:00	1977.51	-.97	206.44				32			4
5	22	1759:00	1992.52	15.01	206.39				32			5
6	22	1800:00	2015.58	23.05	206.40				32	1015		6
7	22	1801:00	2029.72	14.14	206.40				32			7
8	22	1802:00	2041.92	12.20	206.48				32			8
9	22	1803:00	2050.34	8.42	206.53				32			9
10	22	1804:00	2060.23	9.88	206.56				32			10
11	22	1805:00	2065.65	5.42	206.58				32	1100		11
12	22	1806:00	2061.97	-3.68	206.60				32			12
13	22	1807:00	2097.43	35.46	206.62				32			13
14	22	1808:00	2136.77	39.34	206.66				32			14
15	22	1809:00	2168.36	31.59	206.69				32			15
16	22	1810:00	2196.66	28.30	206.77				32	1150		16
17	22	1811:00	2215.95	19.29	206.84				32			17
18	22	1812:00	2231.46	15.51	206.92				32			18
19	22	1813:00	2246.58	15.12	206.98				32			19
20	22	1814:00	2263.64	17.06	207.03				32			20
21	22	1815:00	2270.62	6.98	207.08				32	1170		21
22	22	1816:00	2273.62	3.00	207.04				32			22
23	22	1817:00	2278.57	4.94	207.13				32			23
24	22	1818:00	2294.76	16.19	207.16				32			24
25	22	1819:00	2302.58	7.82	207.20				32			25
26	22	1820:00	2302.62	.03	207.20				32			26
27	22	1821:00	2303.97	1.36	207.20				32			27
28	22	1822:00	2306.40	2.42	207.20				32			28
29	22	1823:00	2310.76	4.36	207.20				32			29
30	22	1824:00	2314.16	3.40	207.19				32			30
31	22	1825:00	2316.00	1.84	207.19				32			31
32	22	1826:00	2314.45	-1.55	207.20				32			32
33	22	1827:00	2315.71	1.26	207.18				32			33
34	22	1828:00	2316.29	.58	207.16				32			34
35	22	1829:00	2318.62	2.33	207.18				32			35
36	22	1830:00	2316.87	-1.75	207.17				32	1195		36
37	22	1831:00	2316.87	-.00	207.19				32			37
38	22	1832:00	2316.10	-.77	207.17				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	13	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1833:00	2315.52	-.58	207.17				32			1
2	22	1834:00	2317.46	1.94	207.17				32			2
3	22	1835:00	2320.66	3.20	207.17				32			3
4	22	1836:00	2323.95	3.30	207.17				32			4
5	22	1837:00	2325.89	1.94	207.10				32			5
6	22	1838:00	2324.63	-1.26	207.17				32			6
7	22	1839:00	2324.44	-.19	207.18				32			7
8	22	1840:00	2325.21	.78	207.23				32			8
9	22	1841:00	2325.31	.10	207.22				32			9
10	22	1842:00	2325.60	.29	207.22				32			10
11	22	1843:00	2325.79	.19	207.24				32			11
12	22	1844:00	2327.15	1.36	207.23				32			12
13	22	1845:00	2327.64	.48	207.23				32	1195	FLOW THOUGH SEPARATER.	13
14	22	1846:00	2327.73	.10	207.23				32			14
15	22	1847:00	2326.47	-1.26	207.24				32			15
16	22	1848:00	2323.95	-2.52	207.24				32			16
17	22	1849:00	2325.79	1.84	207.25				32			17
18	22	1850:00	2328.80	3.01	207.24				32			18
19	22	1851:00	2328.02	-.78	207.26				32			19
20	22	1852:00	2328.70	.68	207.26				32			20
21	22	1853:00	2332.48	3.78	207.22				32			21
22	22	1854:00	2330.45	-2.04	207.24				32			22
23	22	1855:00	2332.58	2.13	207.24				32			23
24	22	1856:00	2331.61	-.97	207.32				32			24
25	22	1857:00	2330.35	-1.26	207.32				32			25
26	22	1858:00	2332.93	2.59	207.32				32			26
27	22	1859:00	2333.26	.32	207.32				32			27
28	22	1900:00	2330.74	-2.52	207.31				32	1185		28
29	22	1901:00	2331.80	1.07	207.32				32			29
30	22	1902:00	2333.74	1.94	207.33				32			30
31	22	1903:00	2332.29	-1.45	207.33				32			31
32	22	1904:00	2332.58	.29	207.32				32			32
33	22	1905:00	2333.16	.58	207.35				32			33
34	22	1906:00	2333.35	.19	207.35				32			34
35	22	1907:00	2333.84	.48	207.37				32			35
36	22	1908:00	2333.74	-.10	207.36				32			36
37	22	1909:00	2331.70	-2.04	207.34				32			37
38	22	1910:00	2334.81	3.10	207.31				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	14	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1911:00	2336.16	1.36	207.33				32			1
2	22	1912:00	2336.16	-.00	207.36				32			2
3	22	1913:00	2335.29	-.87	207.39				32			3
4	22	1914:00	2334.90	-.39	207.40				32			4
5	22	1915:00	2335.19	.29	207.40				32			5
6	22	1916:00	2335.58	.39	207.39				32			6
7	22	1917:00	2335.10	-.49	207.40				32			7
8	22	1918:00	2335.85	.76	207.40				32			8
9	22	1919:00	2336.36	.51	207.24				32			9
10	22	1920:00	2336.07	-.30	207.33				32			10
11	22	1921:00	2335.78	-.29	207.39				32			11
12	22	1922:00	2335.48	-.29	207.42				32			12
13	22	1923:00	2336.36	.87	207.43				32			13
14	22	1924:00	2335.97	-.39	207.43				32			14
15	22	1925:00	2335.00	-.97	207.43				32			15
16	22	1926:00	2335.19	.19	207.46				32			16
17	22	1927:00	2335.29	.10	207.44				32			17
18	22	1928:00	2336.26	.97	207.45				32			18
19	22	1929:00	2336.94	.68	207.44				32			19
20	22	1930:00	2336.06	-.87	207.46				32	1185		20
21	22	1931:00	2335.97	-.10	207.46				32			21
22	22	1932:00	2336.55	.58	207.48				32			22
23	22	1933:00	2337.42	.87	207.46				32			23
24	22	1934:00	2338.39	.97	207.44				32			24
25	22	1935:00	2338.29	-.10	207.44				32			25
26	22	1936:00	2337.71	-.58	207.48				32			26
27	22	1937:00	2336.42	-1.29	207.52				32			27
28	22	1938:00	2336.25	-.16	207.51				32			28
29	22	1939:00	2336.74	.48	207.52				32			29
30	22	1940:00	2337.22	.49	207.51				32			30
31	22	1941:00	2338.49	1.26	207.52				32			31
32	22	1942:00	2337.61	-.87	207.51				32			32
33	22	1943:00	2336.25	-1.36	207.53				32			33
34	22	1944:00	2338.10	1.84	207.55				32			34
35	22	1945:00	2337.71	-.39	207.53				32	1194		35
36	22	1946:00	2338.48	.78	207.53				32			36
37	22	1947:00	2340.04	1.55	207.53				32			37
38	22	1948:00	2338.58	-1.46	207.54				32			38

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OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	15	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	1949:00	2338.00	-.58	207.54				32			1
2	22	1950:00	2337.03	-.97	207.52				32			2
3	22	1951:00	2336.83	-.20	207.55				32			3
4	22	1952:00	2337.51	.68	207.49				32			4
5	22	1953:00	2337.32	-.19	207.54				32			5
6	22	1954:00	2338.38	1.07	207.56				32			6
7	22	1955:00	2338.87	.48	207.60				32			7
8	22	1956:00	2339.81	.94	207.60				32			8
9	22	1957:00	2340.37	.57	207.59				32			9
10	22	1958:00	2339.45	-.92	207.61				32			10
11	22	1959:00	2338.58	-.87	207.60				32			11
12	22	2000:00	2337.12	-1.45	207.59				32	1194		12
13	22	2001:00	2334.70	-2.43	207.60				32			13
14	22	2002:00	2335.28	.58	207.60				32			14
15	22	2003:00	2334.51	-.77	207.58				32			15
16	22	2004:00	2347.11	12.61	207.59				32			16
17	22	2005:00	2355.84	8.73	207.61				32			17
18	22	2006:00	2374.66	18.82	207.66				32			18
19	22	2007:00	2385.04	10.38	207.74				32		1ST.GRAD.@6017ft.	19
20	22	2008:00	2382.70	-2.34	207.88				32			20
21	22	2009:00	2385.03	2.32	208.00				32			21
22	22	2010:00	2385.80	.77	208.11				32			22
23	22	2011:00	2387.93	2.13	208.20				32			23
24	22	2012:00	2387.05	-.88	208.26				32			24
25	22	2013:00	2386.76	-.29	208.32				32			25
26	22	2014:00	2388.21	1.45	208.37				32			26
27	22	2015:00	2389.08	.87	208.41				32	1192		27
28	22	2016:00	2387.53	-1.55	208.44				32			28
29	22	2017:00	2387.04	-.49	208.47				32			29
30	22	2018:00	2387.62	.58	208.49				32			30
31	22	2019:00	2388.59	.97	208.48				32			31
32	22	2020:00	2389.17	.58	208.46				32			32
33	22	2021:00	2389.27	.10	208.51				32			33
34	22	2022:00	2388.20	-1.07	208.52				32			34
35	22	2023:00	2388.30	.10	208.55				32			35
36	22	2024:00	2389.65	1.36	208.59				32			36
37	22	2025:00	2389.94	.29	208.58				32			37
38	22	2026:00	2388.39	-1.55	208.61				32			38

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OTIS

SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	16	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	2027:00	2388.00	-.39	208.63				32			1
2	22	2028:00	2388.55	.55	208.62				32			2
3	22	2029:00	2387.13	-1.42	208.62				32			3
4	22	2030:00	2388.36	1.23	208.61				32	1194		4
5	22	2031:00	2385.00	-3.36	208.62				32			5
6	22	2032:00	2387.91	2.91	208.61				32			6
7	22	2033:00	2388.88	.97	208.61				32			7
8	22	2034:00	2388.00	-.87	208.62				32			8
9	22	2035:00	2388.68	.68	208.63				32			9
10	22	2036:00	2388.78	.10	208.61				32			10
11	22	2037:00	2380.34	-8.44	208.62				32			11
12	22	2038:00	2356.57	-23.77	208.61				32			12
13	22	2039:00	2323.89	-32.69	208.51				32			13
14	22	2040:00	2303.33	-20.55	208.36				32		2ND.GRAD.@5617ft.	14
15	22	2041:00	2298.49	-4.84	208.17				32			15
16	22	2042:00	2297.44	-1.05	207.92				32			16
17	22	2043:00	2295.31	-2.12	207.75				32			17
18	22	2044:00	2293.28	-2.03	207.59				32			18
19	22	2045:00	2296.59	3.30	207.46				32	1195		19
20	22	2046:00	2299.11	2.53	207.37				32			20
21	22	2047:00	2301.64	2.52	207.31				32			21
22	22	2048:00	2303.58	1.94	207.23				32			22
23	22	2049:00	2305.04	1.46	207.19				32			23
24	22	2050:00	2304.85	-.19	207.17				32			24
25	22	2051:00	2304.37	-.48	207.12				32			25
26	22	2052:00	2304.08	-.29	207.10				32			26
27	22	2053:00	2301.55	-2.52	207.09				32			27
28	22	2054:00	2303.20	1.65	207.08				32			28
29	22	2055:00	2305.24	2.04	207.06				32			29
30	22	2056:00	2306.02	.78	207.06				32			30
31	22	2057:00	2307.18	1.16	207.05				32			31
32	22	2058:00	2308.93	1.75	207.04				32			32
33	22	2059:00	2306.70	-2.23	207.05				32			33
34	22	2100:00	2303.30	-3.39	207.05				32	1200		34
35	22	2101:00	2305.53	2.23	207.05				32			35
36	22	2102:00	2305.92	.39	207.07				32			36
37	22	2103:00	2302.82	-3.10	207.05				32			37
38	22	2104:00	2306.79	3.98	207.05				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	17	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	2105:00	2310.67	3.88	207.04				32			1
2	22	2106:00	2308.35	-2.33	207.04				32			2
3	22	2107:00	2308.73	.39	207.05				32			3
4	22	2108:00	2308.25	-.49	207.06				32			4
5	22	2109:00	2307.57	-.68	207.04				32			5
6	22	2110:00	2310.87	3.30	207.05				32			6
7	22	2111:00	2333.08	22.21	207.07				32			7
8	22	2112:00	2346.17	13.09	207.10				32			8
9	22	2113:00	2362.46	16.29	207.21				32			9
10	22	2114:00	2365.56	3.10	207.36				32			10
11	22	2115:00	2340.62	-24.94	207.50				32	1205	3RD.GRAD.@5771ft.	11
12	22	2116:00	2338.09	-2.53	207.54				32			12
13	22	2117:00	2339.35	1.26	207.61				32			13
14	22	2118:00	2339.83	.48	207.62				32			14
15	22	2119:00	2345.94	6.11	207.69				32			15
16	22	2120:00	2348.37	2.42	207.73				32			16
17	22	2121:00	2347.39	-.97	207.77				32			17
18	22	2122:00	2345.75	-1.65	207.80				32			18
19	22	2123:00	2344.77	-.97	207.83				32			19
20	22	2124:00	2344.58	-.20	207.84				32			20
21	22	2125:00	2346.03	1.46	207.85				32			21
22	22	2126:00	2347.36	1.33	207.86				32			22
23	22	2127:00	2345.74	-1.62	207.85				32			23
24	22	2128:00	2342.54	-3.20	207.86				32			24
25	22	2129:00	2344.45	1.91	207.86				32			25
26	22	2130:00	2344.06	-.39	207.88				32	1205		26
27	22	2131:00	2342.93	-1.13	207.86				32			27
28	22	2132:00	2344.58	1.65	207.87				32			28
29	22	2133:00	2347.10	2.52	207.87				32			29
30	22	2134:00	2346.71	-.39	207.88				32			30
31	22	2135:00	2344.58	-2.13	207.87				32			31
32	22	2136:00	2342.73	-1.84	207.89				32			32
33	22	2137:00	2340.79	-1.94	207.88				32			33
34	22	2138:00	2347.68	6.89	207.90				32			34
35	22	2139:00	2347.97	.29	207.89				32			35
36	22	2140:00	2347.00	-.97	207.90				32			36
37	22	2141:00	2344.87	-2.14	207.92				32			37
38	22	2142:00	2343.90	-.97	207.91				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	18	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	2143:00	2344.96	1.07	207.90				32			1
2	22	2144:00	2345.55	.58	207.91				32			2
3	22	2145:00	2346.61	1.07	207.92				32	1207		3
4	22	2146:00	2345.55	-1.07	207.92				32			4
5	22	2147:00	2344.87	-.68	207.92				32			5
6	22	2148:00	2346.13	1.26	207.92				32			6
7	22	2149:00	2347.49	1.36	207.92				32			7
8	22	2150:00	2347.29	-.19	207.92				32			8
9	22	2151:00	2346.42	-.87	207.94				32			9
10	22	2152:00	2346.81	.39	207.94				32			10
11	22	2153:00	2346.32	-.49	207.94				32			11
12	22	2154:00	2344.48	-1.84	207.95				32			12
13	22	2155:00	2343.99	-.49	207.95				32			13
14	22	2156:00	2346.71	2.72	207.95				32			14
15	22	2157:00	2346.90	.19	207.96				32			15
16	22	2158:00	2346.71	-.19	207.96				32			16
17	22	2159:00	2347.00	.29	207.98				32			17
18	22	2200:00	2347.10	.10	207.97				32	1210		18
19	22	2200:30	2346.32	-.78	207.96				32			19
20	22	2201:00	2345.64	-.68	207.95				32		WELL SHUT IN.	20
21	22	2201:30	2362.33	16.68	207.97				32			21
22	22	2202:00	2397.35	35.02	207.97				32	1210		22
23	22	2202:30	2430.14	32.80	207.98				32			23
24	22	2203:00	2460.91	30.76	208.00				32	1300		24
25	22	2203:30	2487.21	26.30	208.02				32			25
26	22	2204:00	2508.56	21.35	208.05				32	1360		26
27	22	2204:30	2526.03	17.47	208.09				32			27
28	22	2205:00	2539.01	12.98	208.12				32	1385		28
29	22	2205:30	2550.62	11.62	208.15				32			29
30	22	2206:00	2559.75	9.13	208.18				32			30
31	22	2206:30	2565.73	5.99	208.19				32			31
32	22	2207:00	2571.66	5.92	208.21				32	1410		32
33	22	2207:30	2576.22	4.56	208.22				32			33
34	22	2208:00	2580.01	3.79	208.20				32			34
35	22	2208:30	2582.72	2.72	208.18				32			35
36	22	2209:00	2584.86	2.14	208.16				32	1425		36
37	22	2209:30	2586.41	1.55	208.08				32			37
38	22	2210:00	2587.97	1.56	208.03				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

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TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	19	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	2210:30	2589.23	1.26	207.99				32			1
2	22	2211:00	2590.69	1.46	208.11				32	1432		2
3	22	2212:00	2592.83	2.14	207.91				32			3
4	22	2213:00	2594.78	1.95	207.77				32	1445		4
5	22	2214:00	2596.73	1.95	207.72				32			5
6	22	2215:00	2598.28	1.56	207.57				32	1460		6
7	22	2216:00	2600.62	2.33	207.46				32			7
8	22	2217:00	2602.47	1.85	207.41				32			8
9	22	2218:00	2603.73	1.27	207.28				32			9
10	22	2219:00	2604.51	.78	207.23				32			10
11	22	2220:00	2605.19	.68	207.13				32			11
12	22	2221:00	2605.68	.49	207.08				32			12
13	22	2222:00	2606.46	.78	207.05				32			13
14	22	2223:00	2607.05	.59	206.96				32			14
15	22	2224:00	2607.83	.78	206.92				32			15
16	22	2225:00	2608.41	.59	206.87				32			16
17	22	2226:00	2608.80	.39	206.79				32			17
18	22	2227:00	2609.29	.49	206.78				32			18
19	22	2228:00	2609.59	.30	206.65				32			19
20	22	2229:00	2610.07	.49	206.59				32			20
21	22	2230:00	2610.56	.49	206.49				32	1467		21
22	22	2231:00	2610.86	.29	206.46				32			22
23	22	2232:00	2611.15	.29	206.42				32			23
24	22	2233:00	2611.44	.29	206.38				32			24
25	22	2234:00	2611.45	.00	206.31				32			25
26	22	2235:00	2612.03	.59	206.25				32			26
27	22	2236:00	2612.04	.00	206.19				32			27
28	22	2237:00	2612.33	.29	206.13				32			28
29	22	2238:00	2612.62	.29	206.06				32			29
30	22	2239:00	2612.82	.20	206.00				32			30
31	22	2240:00	2612.92	.10	205.97				32			31
32	22	2241:00	2613.21	.29	205.89				32			32
33	22	2242:00	2613.60	.39	205.84				32			33
34	22	2243:00	2613.70	.10	205.79				32			34
35	22	2244:00	2613.80	.10	205.73				32			35
36	22	2245:00	2613.90	.10	205.68				32	1470		36
37	22	2246:00	2614.00	.10	205.63				32			37
38	22	2250:00	2614.79	.79	205.41				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

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TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	22/ 9/85	20	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	22	2255:00	2615.67	.88	205.17				32			1
2	22	2300:00	2616.36	.69	204.90				32	1472		2
3	22	2305:00	2616.57	.21	204.66				32			3
4	22	2310:00	2616.29	-.28	204.34				32			4
5	22	2315:00	2616.30	.01	204.21				32	1472		5
6	22	2320:00	2616.41	.11	204.00				32			6
7	22	2325:00	2616.22	-.18	203.78				32			7
8	22	2330:00	2616.33	.11	203.57				32	1480		8
9	22	2335:00	2616.44	.11	203.31				32			9
10	22	2340:00	2616.45	.01	203.17				32			10
11	22	2345:00	2616.65	.20	202.97				32	1485		11
12	22	2350:00	2615.88	-.77	202.78				32			12
13	22	2352:00	2616.59	.71	202.70				32			13
14	22	2353:00	2615.50	-1.09	202.67				32			14
15	22	2354:00	2615.37	-.13	202.63				32			15
16	22	2355:00	2615.21	-.16	202.60				32			16
17	22	2356:00	2615.21	.00	202.56				32			17
18	22	2357:00	2615.02	-.19	202.53				32			18
19	22	2358:00	2614.92	-.10	202.50				32			19
20	22	2359:00	2614.93	.00	202.47				32			20
21	22	2400:00	2614.64	-.29	202.43				32	1485		21
22	23	0001:00	2614.54	-.10	202.39				32			22
23	23	0002:00	2614.45	-.10	202.36				32	1485	POOH.TO 5271ft.	23
24	23	0003:00	2598.04	-16.40	202.31				32			24
25	23	0004:00	2563.79	-34.25	201.97				32			25
26	23	0005:00	2534.12	-29.67	201.40				32			26
27	23	0006:00	2475.74	-58.38	200.74				32			27
28	23	0007:00	2461.23	-14.51	199.97				32			28
29	23	0008:00	2460.51	-.73	199.17				32			29
30	23	0009:00	2462.36	1.85	199.17				32			30
31	23	0010:00	2464.09	1.73	197.75				32			31
32	23	0011:00	2464.99	.90	197.33				32			32
33	23	0012:00	2465.50	.51	196.94				32			33
34	23	0013:00	2465.71	.21	196.64				32			34
35	23	0014:00	2465.73	.02	196.37				32			35
36	23	0015:00	2465.55	-.18	196.13				32	1490		36
37	23	0016:00	2465.27	-.28	195.95				32			37
38	23	0017:00	2465.09	-.18	195.79				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	23/ 9/85	21	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	23	0018:00	2465.10	.01	195.64				32			1
2	23	0019:00	2464.82	-.28	195.52				32			2
3	23	0020:00	2464.83	.01	195.35				32			3
4	23	0021:00	2462.89	-1.94	195.32				32			4
5	23	0022:00	2408.29	-54.60	195.18				32			5
6	23	0023:00	2324.14	-84.15	194.84				32			6
7	23	0024:00	2244.31	-79.83	194.17				32			7
8	23	0025:00	2160.95	-83.35	193.10				32			8
9	23	0026:00	2121.63	-39.32	191.71				32	1490	5TH.GRAD.@4271ft.	9
10	23	0027:00	2118.86	-2.78	190.28				32			10
11	23	0028:00	2120.71	1.86	189.06				32			11
12	23	0029:00	2123.04	2.33	188.06				32			12
13	23	0030:00	2125.45	2.41	187.21				32	1500		13
14	23	0031:00	2127.65	2.20	186.54				32			14
15	23	0032:00	2129.52	1.87	186.01				32			15
16	23	0033:00	2130.86	1.33	185.51				32			16
17	23	0034:00	2131.71	.85	185.15				32			17
18	23	0035:00	2132.34	.63	184.85				32			18
19	23	0036:00	2132.50	.17	184.58				32			19
20	23	0037:00	2132.50	-.01	184.37				32			20
21	23	0038:00	2132.45	-.04	184.19				32			21
22	23	0039:00	2132.21	-.24	184.03				32			22
23	23	0040:00	2132.10	-.11	183.89				32			23
24	23	0041:00	2122.04	-10.06	183.78				32	1500	POOH.TO SURFACE.	24
25	23	0042:00	2084.48	-37.55	183.62				32			25
26	23	0043:00	2026.65	-57.83	183.11				32			26
27	23	0044:00	1991.24	-35.41	182.02				32			27
28	23	0045:00	1933.63	-57.61	180.57				32	1510		28
29	23	0046:00	1884.01	-49.62	178.76				32			29
30	23	0047:00	1831.64	-52.37	176.65				32			30
31	23	0048:00	1781.47	-50.17	174.14				32			31
32	23	0049:00	1737.32	-44.14	171.52				32			32
33	23	0050:00	1668.49	-68.84	168.74				32			33
34	23	0051:00	1586.43	-82.06	165.47				32			34
35	23	0052:00	1562.62	-23.81	161.63				32			35
36	23	0053:00	1565.41	2.79	156.97				32			36
37	23	0054:00	1614.13	48.72	150.10				32			37
38	23	0055:00	1615.91	1.78	140.70				32			38

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SURFACE RECORDING DOWNHOLE PRESSURE / TEMPERATURE REPORT

OEC - 1218-SING.

TEST #	RUN #	WELL NAME OR NUMBER	DATE (DAY/MO/YR)	PAGE	OF
2	1	YOLLA#1	23/ 9/85	22	22

CUSTOMER	FIELD	AREA	RIG NAME
AMOCO	WILDCAT	TASMANIA	ROBERT.F.BAUER.

COMPANY REPRESENTATIVE	OTIS SUPERVISOR	INTERVAL TESTED	INSTRUMENT TYPE AND NUMBER	INSTRUMENT DEPTH
BILL BAACK	JOHN NICHOLSON	1830/1835M	HP 798	1759

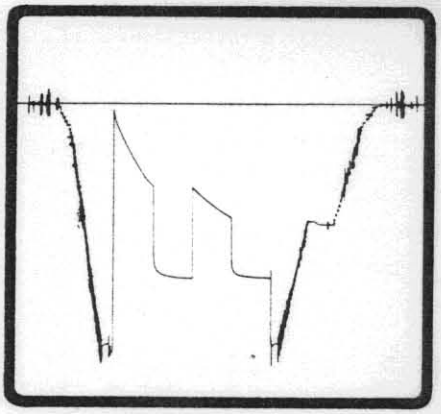
	DATE	HOUR/MIN:SEC (24 HOUR CLOCK)	PRESSURE (PSIA)	DELTA PSI	TEMP. (°F)	HORNER TIME	P* (PSIA)	M (PSI/CYCLE)	CHOKE SIZE (64TH INCH)	SURFACE PRESSURE (PSIG)	REMARKS	
1	23	0056:00	1682.31	66.40	130.72				32			1
2	23	0057:00	1711.06	28.75	119.77				32			2
3	23	0058:00	1722.37	11.32	109.78				32			3
4	23	0059:00	1720.16	-2.22	100.86				32			4
5	23	0100:00	1660.70	-59.45	92.98				32			5
6	23	0101:00	1631.84	-28.86	86.40				32			6
7												7
8												8
9												9
10												10
11												11
12												12
13												13
14												14
15												15
16												16
17												17
18												18
19												19
20												20
21												21
22												22
23												23
24												24
25												25
26												26
27												27
28												28
29												29
30												30
31												31
32												32
33												33
34												34
35												35
36												36
37												37
38												38

Computer-Forms Toppan Moore

ENCLOSURE. 6.
118/85

317290

FORMATION TESTING SERVICE REPORT



ECHO MEMORY GAUGE DATA

LEASE:	YOLLA	WELL #:	1
TEST:	2	DATE:	21st SEPTEMBER, 1985
E.M.R.	61771	E.P.G.	61860
E.M.R.	61775	E.P.G.	63148

HALLIBURTON SERVICES

Duncan, Oklahoma 73536

A Halliburton Company

TPR OR-0330 VOL.2.

317291

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUSTRALIA
Lease: YOLLA
Well # 1
Ticket # 316606
Date: 21 / 9 / 85
E. M. R. 61771 E. P. G. 61860
Test # 2
Start Time : 03: 59: 50

PLOTS

317292

PLOTS FOR E.M.R. 61771 E.P.G. 61860

1.1 PRESSURE AND TEMPERATURE VRS TIME FOR POINTS 1 TO 2000.

1.2 BLOWUP OF PRESSURE VRS TIME FOR 2ND FLOW AND BUILDUP PERIODS FOR POINTS 310 TO 1229.

1.3 LOG LOG PLOT FOR 2ND BUILDUP PERIOD.

FLOW TIME: 590 MINS

FOR POINTS: 883 TO 1229

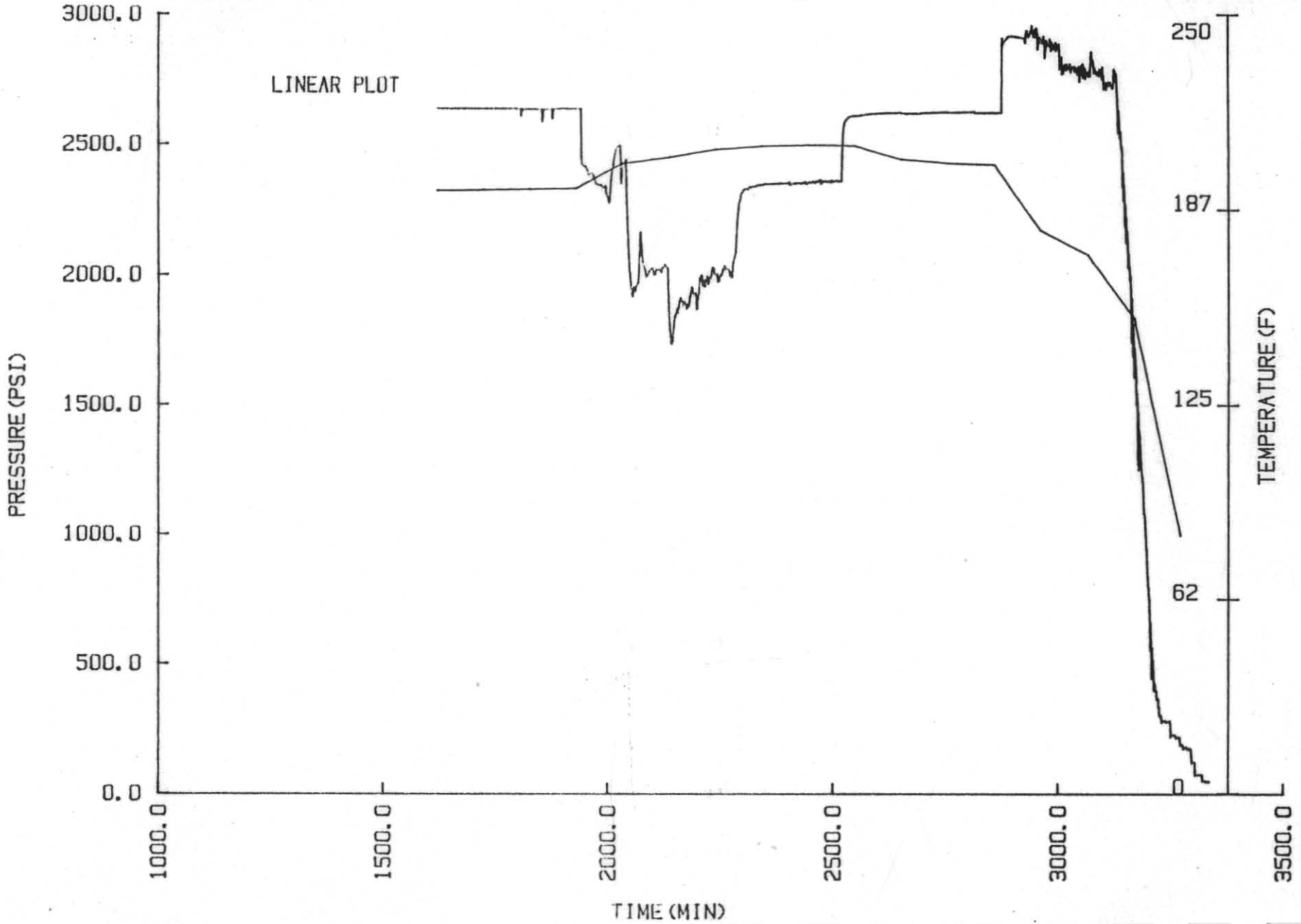
3172 93

PLOT 1.1

5 cm

Lease Name YULLA Well no. 1 Ticket no. 316606 Date 21 / 9 / 85

Lease Owner AMOCO AUSTRALIA Test no. 2 Gauge 61860 EMR 61771 Start Time 03:59:50



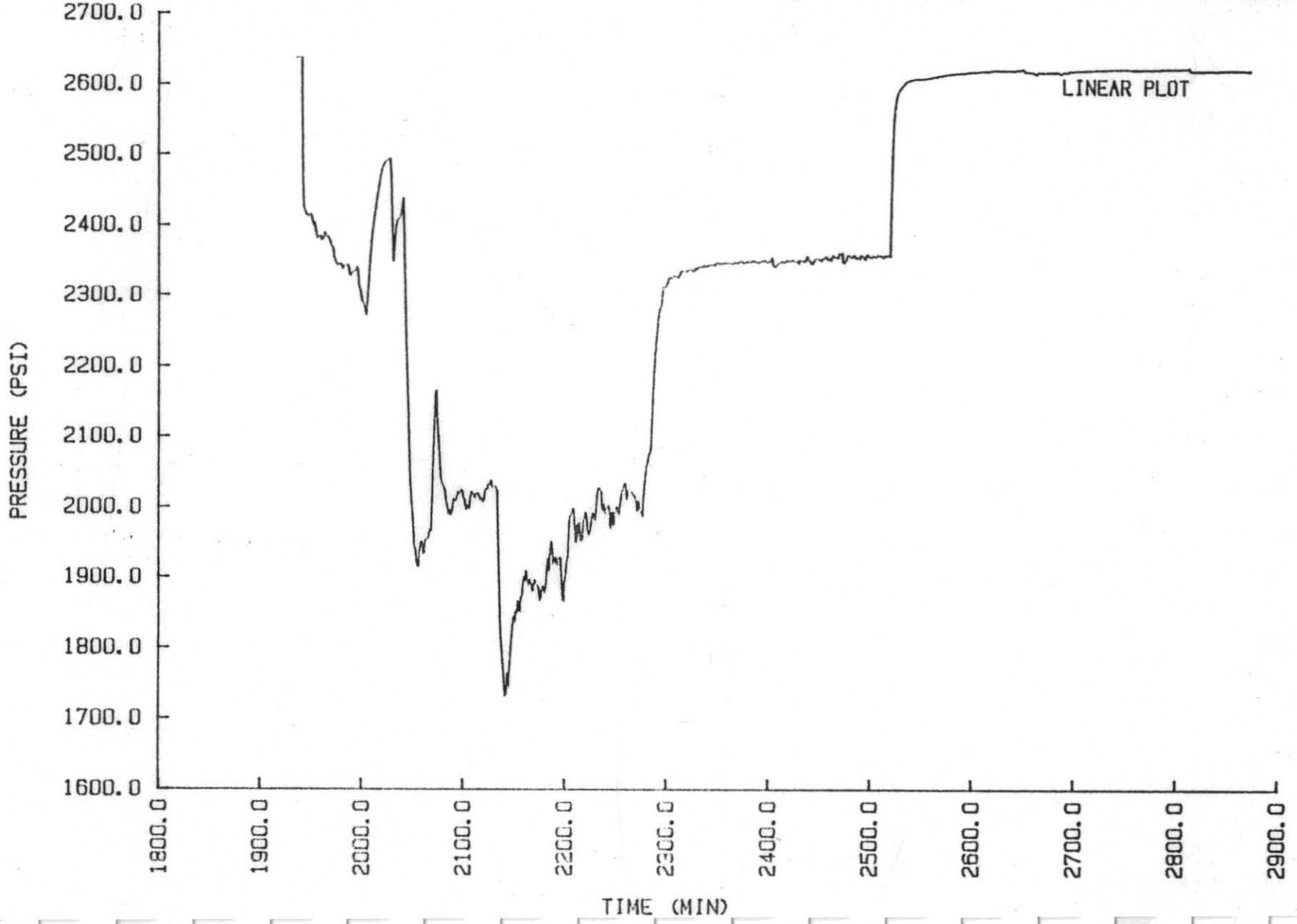
317294

PLOT 1.2

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 61860 EMR 61771 | Start Time 03:59:50

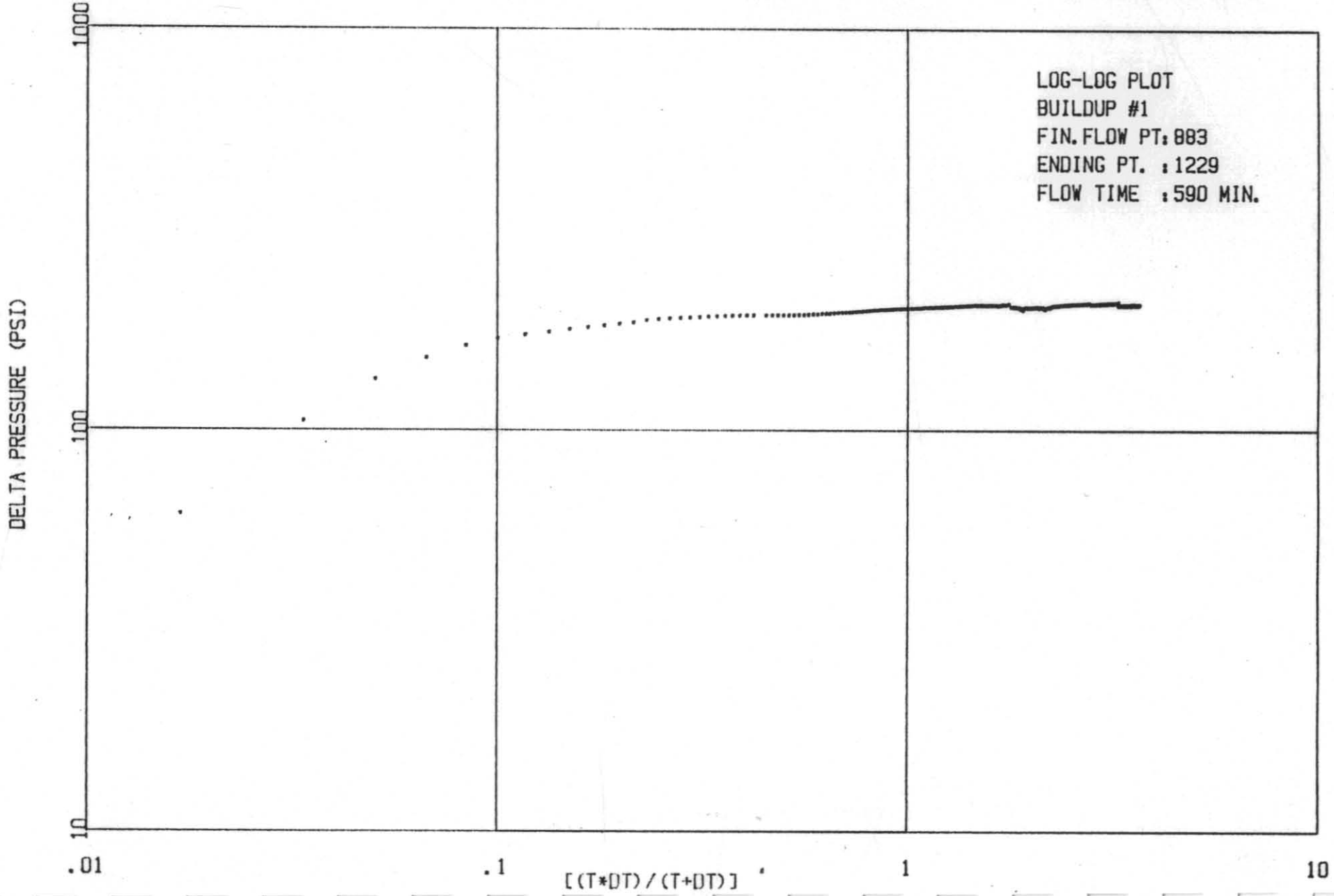


5 cm

317295

PLOT 1.3

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21/9/85
Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge no. 61860 | Start Time 03:59:50



317296

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUSTRALIA
Lease: YOLLA
Well # 1
Ticket # 316606
Date: 21 / 9 / 85
E. M. R. 61771 E. P. G. 61860
Test # 2
Start Time : 03: 59: 50

DATA POINTS

317297

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50

1787.7m
DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1	1:07:00:51	1621.02		193.26	
2	1:07:01:52	1622.04	2636.54		
3	1:07:02:53	1623.06	2636.50		
4	1:07:03:54	1624.08	2636.50		
5	1:07:04:56	1625.10	2636.33		
6	1:07:05:57	1626.12	2636.41		
7	1:07:06:58	1627.14	2636.37		
8	1:07:07:59	1628.16	2636.28		
9	1:07:09:00	1629.18	2636.28		
10	1:07:10:02	1630.20	2636.28		
11	1:07:11:03	1631.22	2636.15		
12	1:07:12:04	1632.24	2636.24		
13	1:07:13:05	1633.26	2636.11		
14	1:07:14:06	1634.28	2636.07		
15	1:07:15:08	1635.30	2636.07		
16	1:07:16:09	1636.32	2636.59		
17	1:07:17:10	1637.34	2636.46		
18	1:07:18:11	1638.36	2636.46		
19	1:07:19:12	1639.38	2636.46		
20	1:07:20:14	1640.40	2636.46		
21	1:07:21:15	1641.42	2636.54		
22	1:07:22:16	1642.44	2636.46		
23	1:07:23:17	1643.46	2636.63		
24	1:07:24:18	1644.48	2636.67		
25	1:07:25:20	1645.50	2636.63		
26	1:07:26:21	1646.52	2636.41		
27	1:07:27:22	1647.54	2636.37		
28	1:07:28:23	1648.56	2636.41		
29	1:07:29:24	1649.58	2636.33		
30	1:07:30:26	1650.60	2636.54		
31	1:07:31:27	1651.62	2636.50		
32	1:07:32:28	1652.64	2636.46		
33	1:07:33:29	1653.66	2636.41		
34	1:07:34:30	1654.68	2636.41		
35	1:07:35:32	1655.70	2636.37		
36	1:07:36:33	1656.72	2636.46		
37	1:07:37:34	1657.74	2636.20		
38	1:07:38:35	1658.76	2636.28		
39	1:07:39:36	1659.78	2636.37		
40	1:07:40:38	1660.80	2636.37		
41	1:07:41:39	1661.82	2636.28		
42	1:07:42:40	1662.84	2636.33		
43	1:07:43:41	1663.86	2636.37		
44	1:07:44:42	1664.88	2636.41		
45	1:07:45:44	1665.90	2636.33		
46	1:07:46:45	1666.92	2636.41		
47	1:07:47:46	1667.94	2636.33		
48	1:07:48:47	1668.96	2636.33		
49	1:07:49:48	1669.98	2636.37		
50	1:07:50:50	1671.00	2636.37		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317298

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
51	1:07:51:51	1672.02	2636.33		
52	1:07:52:52	1673.04	2636.33		
53	1:07:53:53	1674.06	2636.33		
54	1:07:54:54	1675.08	2636.37		
55	1:07:55:56	1676.10	2636.33		
56	1:07:56:57	1677.12	2636.37		
57	1:07:57:58	1678.14	2636.37		
58	1:07:58:59	1679.16	2636.37		
59	1:08:00:00	1680.18	2636.37		
60	1:08:01:02	1681.20	2636.41		
61	1:08:02:03	1682.22	2636.28		
62	1:08:03:04	1683.24	2636.28		
63	1:08:04:05	1684.26	2636.20		
64	1:08:05:06	1685.28	2636.24		
65	1:08:06:08	1686.30	2636.20		
66	1:08:07:09	1687.32	2636.15		
67	1:08:08:10	1688.34	2636.33		
68	1:08:09:11	1689.36	2636.28		
69	1:08:10:12	1690.38	2636.37		
70	1:08:11:14	1691.40	2636.37		
71	1:08:12:15	1692.42	2636.33		
72	1:08:13:16	1693.44	2636.24		
73	1:08:14:17	1694.46	2636.24		
74	1:08:15:18	1695.48	2636.24		
75	1:08:16:20	1696.50	2636.28		
76	1:08:17:21	1697.52	2636.33		
77	1:08:18:22	1698.54	2636.28		
78	1:08:19:23	1699.56	2636.15		
79	1:08:20:24	1700.58	2636.20		
80	1:08:21:26	1701.60	2636.28		
81	1:08:22:27	1702.62	2636.33		
82	1:08:23:28	1703.64	2636.37		
83	1:08:24:29	1704.66	2636.33		
84	1:08:25:30	1705.68	2636.28		
85	1:08:26:32	1706.70	2636.37		
86	1:08:27:33	1707.72	2636.28		
87	1:08:28:34	1708.74	2636.24		
88	1:08:29:35	1709.76	2636.28		
89	1:08:30:36	1710.78	2636.11		
90	1:08:31:38	1711.80	2636.07		
91	1:08:32:39	1712.82	2636.02		
92	1:08:33:40	1713.84	2636.07		
93	1:08:34:41	1714.86	2635.89		
94	1:08:35:42	1715.88	2635.89		
95	1:08:36:44	1716.90	2635.68		
96	1:08:37:45	1717.92	2635.63		
97	1:08:38:46	1718.94	2635.85		
98	1:08:39:47	1719.96	2635.94		
99	1:08:40:48	1720.98	2635.76		
100	1:08:41:50	1722.00	2635.94		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317299

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
101	1:08:42:51	1723.02	2635.94		
102	1:08:43:52	1724.04		193.62	
103	1:08:44:53	1725.06	2636.17		
104	1:08:45:54	1726.08	2636.13		
105	1:08:46:56	1727.10	2636.13		
106	1:08:47:57	1728.12	2636.13		
107	1:08:48:58	1729.14	2636.13		
108	1:08:49:59	1730.16	2636.09		
109	1:08:51:00	1731.18	2636.17		
110	1:08:52:02	1732.20	2636.26		
111	1:08:53:03	1733.22	2636.17		
112	1:08:54:04	1734.24	2636.17		
113	1:08:55:05	1735.26	2636.13		
114	1:08:56:06	1736.28	2636.09		
115	1:08:57:08	1737.30	2636.13		
116	1:08:58:09	1738.32	2636.22		
117	1:08:59:10	1739.34	2636.17		
118	1:09:00:11	1740.36	2636.17		
119	1:09:01:12	1741.38	2635.96		
120	1:09:02:14	1742.40	2636.09		
121	1:09:03:15	1743.42	2636.22		
122	1:09:04:16	1744.44	2636.26		
123	1:09:05:17	1745.46	2636.09		
124	1:09:06:18	1746.48	2635.87		
125	1:09:07:20	1747.50	2635.91		
126	1:09:08:21	1748.52	2636.09		
127	1:09:09:22	1749.54	2636.13		
128	1:09:10:23	1750.56	2636.09		
129	1:09:11:24	1751.58	2636.00		
130	1:09:12:26	1752.60	2636.04		
131	1:09:13:27	1753.62	2636.00		
132	1:09:14:28	1754.64	2636.04		
133	1:09:15:29	1755.66	2636.00		
134	1:09:16:30	1756.68	2636.09		
135	1:09:17:32	1757.70	2636.09		
136	1:09:18:33	1758.72	2635.96		
137	1:09:19:34	1759.74	2636.00		
138	1:09:20:35	1760.76	2636.00		
139	1:09:21:36	1761.78	2636.13		
140	1:09:22:38	1762.80	2636.09		
141	1:09:23:39	1763.82	2636.04		
142	1:09:24:40	1764.84	2636.17		
143	1:09:25:41	1765.86	2636.17		
144	1:09:26:42	1766.88	2635.96		
145	1:09:27:44	1767.90	2635.91		
146	1:09:28:45	1768.92	2636.00		
147	1:09:29:46	1769.94	2636.22		
148	1:09:30:47	1770.96	2636.13		
149	1:09:31:48	1771.98	2636.13		
150	1:09:32:50	1773.00	2636.17		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
151	1:09:33:51	1774.02	2636.09		
152	1:09:34:52	1775.04	2636.22		
153	1:09:35:53	1776.06	2636.17		
154	1:09:36:54	1777.08	2636.09		
155	1:09:37:56	1778.10	2636.04		
156	1:09:38:57	1779.12	2636.09		
157	1:09:39:58	1780.14	2636.04		
158	1:09:40:59	1781.16	2636.00		
159	1:09:42:00	1782.18	2635.91		
160	1:09:43:02	1783.20	2636.00		
161	1:09:44:03	1784.22	2636.22		
162	1:09:45:04	1785.24	2636.48		
163	1:09:46:05	1786.26	2636.52		
164	1:09:47:06	1787.28	2636.39		
165	1:09:48:08	1788.30	2636.52		
166	1:09:49:09	1789.32	2636.43		
167	1:09:50:10	1790.34	2636.43		
168	1:09:51:11	1791.36	2636.48		
169	1:09:52:12	1792.38	2636.48		
170	1:09:53:14	1793.40	2636.43		
171	1:09:54:15	1794.42	2636.52		
172	1:09:55:16	1795.44	2636.52		
173	1:09:56:17	1796.46	2636.48		
174	1:09:57:18	1797.48	2636.52		
175	1:09:58:20	1798.50	2636.43		
176	1:09:59:21	1799.52	2636.48		
177	1:10:00:22	1800.54	2636.43		
178	1:10:01:23	1801.56	2636.43		
179	1:10:02:24	1802.58	2636.39		
180	1:10:03:26	1803.60	2634.92		
181	1:10:04:27	1804.62	2635.57		
182	1:10:05:28	1805.64	2635.78		
183	1:10:06:29	1806.66	2636.04		
184	1:10:07:30	1807.68	2636.04		
185	1:10:08:32	1808.70	2606.55		
186	1:10:09:33	1809.72	2625.67		
187	1:10:10:34	1810.74	2625.11		
188	1:10:11:35	1811.76	2634.22		
189	1:10:12:36	1812.78	2634.65		
190	1:10:13:38	1813.80	2634.83		
191	1:10:14:39	1814.82	2634.96		
192	1:10:15:40	1815.84	2635.00		
193	1:10:16:41	1816.86	2635.18		
194	1:10:17:42	1817.88	2635.26		
195	1:10:18:44	1818.90	2635.31		
196	1:10:19:45	1819.92	2635.35		
197	1:10:20:46	1820.94	2635.44		
198	1:10:21:47	1821.96	2635.48		
199	1:10:22:48	1822.98	2635.61		
200	1:10:23:50	1824.00	2635.57		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317301

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
201	1:10:24:51	1825.02	2635.48		
202	1:10:25:52	1826.04	2635.65		
203	1:10:26:53	1827.06		193.91	
204	1:10:27:54	1828.08	2636.10		
205	1:10:28:56	1829.10	2636.06		
206	1:10:29:57	1830.12	2635.97		
207	1:10:30:58	1831.14	2635.93		
208	1:10:31:59	1832.16	2636.01		
209	1:10:33:00	1833.18	2636.01		
210	1:10:34:02	1834.20	2636.01		
211	1:10:35:03	1835.22	2636.06		
212	1:10:36:04	1836.24	2635.97		
213	1:10:37:05	1837.26	2636.06		
214	1:10:38:06	1838.28	2636.10		
215	1:10:39:08	1839.30	2636.10		
216	1:10:40:09	1840.32	2635.97		
217	1:10:41:10	1841.34	2636.06		
218	1:10:42:11	1842.36	2635.97		
219	1:10:43:12	1843.38	2636.06		
220	1:10:44:14	1844.40	2636.10		
221	1:10:45:15	1845.42	2636.01		
222	1:10:46:16	1846.44	2636.01		
223	1:10:47:17	1847.46	2636.10		
224	1:10:48:18	1848.48	2636.06		
225	1:10:49:20	1849.50	2636.10		
226	1:10:50:21	1850.52	2636.01		
227	1:10:51:22	1851.54	2636.06		
228	1:10:52:23	1852.56	2636.10		
229	1:10:53:24	1853.58	2636.10		
230	1:10:54:26	1854.60	2635.97		
231	1:10:55:27	1855.62	2584.68		
232	1:10:56:28	1856.64	2604.35		
233	1:10:57:29	1857.66	2618.40		
234	1:10:58:30	1858.68	2632.15		
235	1:10:59:32	1859.70	2633.63		
236	1:11:00:33	1860.72	2634.36		
237	1:11:01:34	1861.74	2634.71		
238	1:11:02:35	1862.76	2634.76		
239	1:11:03:36	1863.78	2634.93		
240	1:11:04:38	1864.80	2635.02		
241	1:11:05:39	1865.82	2635.02		
242	1:11:06:40	1866.84	2635.19		
243	1:11:07:41	1867.86	2635.28		
244	1:11:08:42	1868.88	2635.28		
245	1:11:09:44	1869.90	2635.19		
246	1:11:10:45	1870.92	2635.28		
247	1:11:11:46	1871.94	2635.28		
248	1:11:12:47	1872.96	2635.28		
249	1:11:13:48	1873.98	2635.41		
250	1:11:14:50	1875.00	2635.36		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317302

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
251	1:11:15:51	1876.02	2635.45		
252	1:11:16:52	1877.04	2635.49		
253	1:11:17:53	1878.06	2595.38		
254	1:11:18:54	1879.08	2626.99		
255	1:11:19:56	1880.10	2633.71		
256	1:11:20:57	1881.12	2634.54		
257	1:11:21:58	1882.14	2634.80		
258	1:11:22:59	1883.16	2635.15		
259	1:11:24:00	1884.18	2635.67		
260	1:11:25:02	1885.20	2636.36		
261	1:11:26:03	1886.22	2636.49		
262	1:11:27:04	1887.24	2636.79		
263	1:11:28:05	1888.26	2637.01		
264	1:11:29:06	1889.28	2637.14		
265	1:11:30:08	1890.30	2637.36		
266	1:11:31:09	1891.32	2637.53		
267	1:11:32:10	1892.34	2637.58		
268	1:11:33:11	1893.36	2637.92		
269	1:11:34:12	1894.38	2638.05		
270	1:11:35:14	1895.40	2638.10		
271	1:11:36:15	1896.42	2638.23		
272	1:11:37:16	1897.44	2638.36		
273	1:11:38:17	1898.46	2638.31		
274	1:11:39:18	1899.48	2638.62		
275	1:11:40:20	1900.50	2638.66		
276	1:11:41:21	1901.52	2638.79		
277	1:11:42:22	1902.54	2638.88		
278	1:11:43:23	1903.56	2638.70		
279	1:11:44:24	1904.58	2637.58		
280	1:11:45:26	1905.60	2637.18		
281	1:11:46:27	1906.62	2637.05		
282	1:11:47:28	1907.64	2636.97		
283	1:11:48:29	1908.66	2637.49		
284	1:11:49:30	1909.68	2637.79		
285	1:11:50:32	1910.70	2637.88		
286	1:11:51:33	1911.72	2637.84		
287	1:11:52:34	1912.74	2637.97		
288	1:11:53:35	1913.76	2637.88		
289	1:11:54:36	1914.78	2638.40		
290	1:11:55:38	1915.80	2637.01		
291	1:11:56:39	1916.82	2636.79		
292	1:11:57:40	1917.84	2636.84		
293	1:11:58:41	1918.86	2636.36		
294	1:11:59:42	1919.88	2636.32		
295	1:12:00:44	1920.90	2636.92		
296	1:12:01:45	1921.92	2637.23		
297	1:12:02:46	1922.94	2636.62		
298	1:12:03:47	1923.96	2637.10		
299	1:12:04:48	1924.98	2637.14		
300	1:12:05:50	1926.00	2637.14		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317303

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
301	1:12:06:51	1927.02	2637.18		
302	1:12:07:52	1928.04	2636.71		
303	1:12:08:53	1929.06	2637.01		
304	1:12:09:54	1930.08		194.19	
305	1:12:10:56	1931.10	2637.36		
306	1:12:11:57	1932.12	2637.32		
307	1:12:12:58	1933.14	2637.27		
308	1:12:13:59	1934.16	2636.88		
309	1:12:15:00	1935.18	2636.71		
310	1:12:16:02	1936.20	2636.80		
311	1:12:17:03	1937.22	2636.75		
312	1:12:18:04	1938.24	2636.67		
313	1:12:19:05	1939.26	2636.67		
314	1:12:20:06	1940.28	2636.67		
315	1:12:21:08	1941.30	2636.62		
316	1:12:22:09	1942.32	2456.45		
	1:12:22:16				OPEN CHOKE MANIFOLD @ 8/64"
317	1:12:23:10	1943.34	2422.00		
318	1:12:24:11	1944.36	2418.77		
319	1:12:25:12	1945.38	2415.44		
320	1:12:26:14	1946.40	2414.49		
321	1:12:27:15	1947.42	2411.82		
322	1:12:28:16	1948.44	2411.73		
323	1:12:29:17	1949.46	2415.27		
324	1:12:30:18	1950.48	2413.07		
325	1:12:31:20	1951.50	2406.04		
326	1:12:32:21	1952.52	2399.48		
327	1:12:33:22	1953.54	2402.80		
328	1:12:34:23	1954.56	2393.31		
329	1:12:35:24	1955.58	2384.43		
330	1:12:36:26	1956.60	2381.29		
331	1:12:37:27	1957.62	2383.14		
332	1:12:38:28	1958.64	2383.53		
333	1:12:39:29	1959.66	2384.00		
334	1:12:40:30	1960.68	2378.53		
335	1:12:41:32	1961.70	2379.95		
336	1:12:42:33	1962.72	2383.10		
337	1:12:43:34	1963.74	2388.83		
338	1:12:44:35	1964.76	2384.13		
339	1:12:45:36	1965.78	2384.65		
340	1:12:46:38	1966.80	2382.62		
341	1:12:47:39	1967.82	2379.09		
342	1:12:48:40	1968.84	2376.20		
343	1:12:49:41	1969.86	2370.25		
344	1:12:50:42	1970.88	2369.13		
345	1:12:51:44	1971.90	2366.24		
346	1:12:52:45	1972.92	2353.57		
347	1:12:53:46	1973.94	2348.96		
348	1:12:54:47	1974.96	2345.65		
349	1:12:55:48	1975.98	2342.46		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317304

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
350	1:12:56:50	1977.00	2343.88		
351	1:12:57:51	1978.02	2343.37		
352	1:12:58:52	1979.04	2344.53		
353	1:12:59:53	1980.06	2341.94		
354	1:13:00:54	1981.08	2337.03		
355	1:13:01:56	1982.10	2341.34		
356	1:13:02:57	1983.12	2341.69		
357	1:13:03:58	1984.14	2341.77		
358	1:13:04:59	1985.16	2342.72		
359	1:13:06:00	1986.18	2342.72		
360	1:13:07:02	1987.20	2336.52		
361	1:13:08:03	1988.22	2328.55		
362	1:13:09:04	1989.24	2327.13		
	1:13:09:11				GAS CUT DIESEL TO SURFACE
363	1:13:10:05	1990.26	2330.49		
364	1:13:11:06	1991.28	2332.43		
365	1:13:12:08	1992.30	2333.59		
366	1:13:13:09	1993.32	2333.50		
367	1:13:14:10	1994.34	2335.05		
368	1:13:15:11	1995.36	2339.02		
	1:13:15:18				GAS TO SURFACE.
369	1:13:16:12	1996.38	2333.50		
370	1:13:17:14	1997.40	2311.25		
371	1:13:18:15	1998.42	2306.47		
372	1:13:19:16	1999.44	2299.33		
	1:13:19:23				CHOKE MANIFOLD PLUGGING
373	1:13:20:17	2000.46	2291.15		
374	1:13:21:18	2001.48	2286.64		
375	1:13:22:20	2002.50	2282.51		
376	1:13:23:21	2003.52	2276.06		
377	1:13:24:22	2004.54	2272.10		
378	1:13:25:23	2005.56	2284.92		
379	1:13:26:24	2006.58	2310.99		
	1:13:26:31				CHOKE CHANGE 16/64"
380	1:13:27:26	2007.60	2334.71		
381	1:13:28:27	2008.62	2357.11		
382	1:13:29:28	2009.64	2376.63		
383	1:13:30:29	2010.66	2389.95		
384	1:13:31:30	2011.68	2401.98		
385	1:13:32:32	2012.70	2413.54		
386	1:13:33:33	2013.72	2424.72		
387	1:13:34:34	2014.74	2434.95		
388	1:13:35:35	2015.76	2444.41		
389	1:13:36:36	2016.78	2453.39		
390	1:13:37:38	2017.80	2462.24		
391	1:13:38:39	2018.82	2470.23		
392	1:13:39:40	2019.84	2476.98		
393	1:13:40:41	2020.86	2481.69		
394	1:13:41:42	2021.88	2485.40		
395	1:13:42:44	2022.90	2488.17		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317305

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
396	1:13:43:45	2023.92	2489.90		
397	1:13:44:46	2024.94	2491.20		
398	1:13:45:47	2025.96	2491.76		
399	1:13:46:48	2026.98	2492.75		
400	1:13:47:50	2028.00	2493.88		
401	1:13:48:51	2029.02	2472.14		
402	1:13:49:52	2030.04	2402.85		
403	1:13:50:53	2031.06	2348.28		
404	1:13:51:54	2032.08	2363.18		
	1:13:52:01				CLOSE CHOKE MANIFOLD
405	1:13:52:56	2033.10		202.04	
	1:13:53:02				OPEN MANIFOLD @ 16/64"CHOKE
406	1:13:53:57	2034.12	2400.01		
407	1:13:54:58	2035.14	2406.01		
408	1:13:55:59	2036.16	2409.02		
409	1:13:57:00	2037.18	2409.89		
410	1:13:58:02	2038.20	2412.77		
411	1:13:59:03	2039.22	2418.81		
412	1:14:00:04	2040.24	2427.74		
413	1:14:01:05	2041.26	2438.22		
414	1:14:02:06	2042.28	2359.65		
	1:14:02:13				CHOKE CHANGE.32/64"
415	1:14:03:08	2043.30	2283.46		
	1:14:03:14				GAS CUT H2O TO SURFACE
416	1:14:04:09	2044.32	2217.15		
417	1:14:05:10	2045.34	2173.28		
418	1:14:06:11	2046.36	2132.16		
419	1:14:07:12	2047.38	2079.44		
420	1:14:08:14	2048.40	2033.76		
421	1:14:09:15	2049.42	2009.76		
422	1:14:10:16	2050.44	1994.81		
423	1:14:11:17	2051.46	1971.49		
424	1:14:12:18	2052.48	1942.37		
425	1:14:13:20	2053.50	1937.98		
426	1:14:14:21	2054.52	1924.30		
	1:14:14:28				CHOKE CHANGE 28/64"
427	1:14:15:22	2055.54	1914.76		
428	1:14:16:23	2056.56	1913.78		
429	1:14:17:24	2057.58	1936.49		
	1:14:17:31				CHOKE CHANGE 24/64"
430	1:14:18:26	2058.60	1948.21		
431	1:14:19:27	2059.62	1950.13		
432	1:14:20:28	2060.64	1943.69		
433	1:14:21:29	2061.66	1932.31		
434	1:14:22:30	2062.68	1941.90		
435	1:14:23:32	2063.70	1952.51		
436	1:14:24:33	2064.72	1955.20		
437	1:14:25:34	2065.74	1955.24		
438	1:14:26:35	2066.76	1962.40		
439	1:14:27:36	2067.78	1967.44		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317306

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
440	1:14:28:38	2068.80	1965.60		
441	1:14:29:39	2069.82	2006.56		
442	1:14:30:40	2070.84	2059.35		
443	1:14:31:41	2071.86	2109.52		
444	1:14:32:42	2072.88	2159.49		
445	1:14:33:44	2073.90	2165.01		
446	1:14:34:45	2074.92	2123.90		
	1:14:34:52				CHOKE CHANGE 32/64
447	1:14:35:46	2075.94	2100.10		
448	1:14:36:47	2076.96	2076.28		
449	1:14:37:48	2077.98	2054.31		
450	1:14:38:50	2079.00	2036.45		
451	1:14:39:51	2080.02	2031.45		
452	1:14:40:52	2081.04	2028.08		
453	1:14:41:53	2082.06	2025.17		
454	1:14:42:54	2083.08	2015.82		
455	1:14:43:56	2084.10	2004.85		
	1:14:44:02				CHOKE CHANGE 40/64"
456	1:14:44:57	2085.12	1996.36		
457	1:14:45:58	2086.14	1988.46		
458	1:14:46:59	2087.16	1995.42		
459	1:14:48:00	2088.18	1989.32		
460	1:14:49:02	2089.20	1992.90		
461	1:14:50:03	2090.22	2003.91		
462	1:14:51:04	2091.24	2011.60		
463	1:14:52:05	2092.26	2008.31		
464	1:14:53:06	2093.28	2009.89		
465	1:14:54:08	2094.30	2015.27		
466	1:14:55:09	2095.32	2021.50		
467	1:14:56:10	2096.34	2020.65		
468	1:14:57:11	2097.36	2018.81		
469	1:14:58:12	2098.38	2024.06		
470	1:14:59:14	2099.40	2022.95		
471	1:15:00:15	2100.42	2013.05		
472	1:15:01:16	2101.44	2010.74		
473	1:15:02:17	2102.46	2003.57		
474	1:15:03:18	2103.48	1996.32		
475	1:15:04:20	2104.50	2001.73		
476	1:15:05:21	2105.52	2000.50		
477	1:15:06:22	2106.54	1998.06		
478	1:15:07:23	2107.56	2014.97		
479	1:15:08:24	2108.58	2021.07		
480	1:15:09:26	2109.60	2017.19		
481	1:15:10:27	2110.62	2018.38		
482	1:15:11:28	2111.64	2013.35		
483	1:15:12:29	2112.66	2017.70		
484	1:15:13:30	2113.68	2020.01		
485	1:15:14:32	2114.70	2019.62		
486	1:15:15:33	2115.72	2017.19		
487	1:15:16:34	2116.74	2009.59		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317307

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
488	1:15:17:35	2117.76	2012.92		
489	1:15:18:36	2118.78	2011.64		
490	1:15:19:38	2119.80	2007.50		
491	1:15:20:39	2120.82	2009.97		
492	1:15:21:40	2121.84	2022.87		
493	1:15:22:41	2122.86	2025.81		
494	1:15:23:42	2123.88	2026.07		
495	1:15:24:44	2124.90	2031.83		
496	1:15:25:45	2125.92	2032.26		
497	1:15:26:46	2126.94	2033.42		
498	1:15:27:47	2127.96	2037.26		
499	1:15:28:48	2128.98	2026.88		
500	1:15:29:50	2130.00	2026.75		
501	1:15:30:51	2131.02	2029.14		
502	1:15:31:52	2132.04	2029.06		
503	1:15:32:53	2133.06	2024.96		
504	1:15:33:54	2134.08	2022.10		
505	1:15:34:56	2135.10	1947.06		
	1:15:35:10				CHOKE CHANGE 58/64"
506	1:15:35:57	2136.12		204.05	
507	1:15:36:58	2137.14	1830.23		
508	1:15:37:59	2138.16	1803.77		
	1:15:38:31				CHOKE CHANGE 48/64"
509	1:15:39:00	2139.18	1785.81		
510	1:15:40:02	2140.20	1763.83		
511	1:15:41:03	2141.22	1744.74		
512	1:15:42:04	2142.24	1731.47		
513	1:15:43:05	2143.26	1736.64		
	1:15:43:48				CHOKE CHANGE 46/64"
514	1:15:44:06	2144.28	1763.53		
515	1:15:45:08	2145.30	1742.45		
516	1:15:46:09	2146.32	1773.12		
517	1:15:47:10	2147.34	1793.32		
518	1:15:48:11	2148.36	1813.49		
519	1:15:49:12	2149.38	1830.57		
520	1:15:50:14	2150.40	1843.02		
521	1:15:51:15	2151.42	1835.71		
522	1:15:52:16	2152.44	1850.97		
523	1:15:53:17	2153.46	1847.10		
524	1:15:54:18	2154.48	1866.03		
525	1:15:55:20	2155.50	1858.75		
526	1:15:56:21	2156.52	1851.10		
527	1:15:57:22	2157.54	1870.96		
528	1:15:58:23	2158.56	1873.43		
529	1:15:59:24	2159.58	1892.23		
530	1:16:00:26	2160.60	1900.36		
531	1:16:01:27	2161.62	1892.06		
532	1:16:02:28	2162.64	1908.79		
533	1:16:03:29	2163.66	1890.06		
534	1:16:04:30	2164.68	1888.57		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317308

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
535	1:16:05:32	2165.70	1896.66		
	1:16:05:53				OPEN TO SEPARATER.
536	1:16:06:33	2166.72	1886.79		
537	1:16:07:34	2167.74	1889.59		
538	1:16:08:35	2168.76	1879.59		
539	1:16:09:36	2169.78	1888.91		
540	1:16:10:38	2170.80	1895.25		
541	1:16:11:39	2171.82	1888.06		
542	1:16:12:40	2172.84	1889.00		
543	1:16:13:41	2173.86	1886.15		
544	1:16:14:42	2174.88	1883.21		
545	1:16:15:44	2175.90	1867.05		
546	1:16:16:45	2176.92	1869.85		
547	1:16:17:46	2177.94	1881.08		
548	1:16:18:47	2178.96	1886.40		
549	1:16:19:48	2179.98	1877.30		
550	1:16:20:50	2181.00	1880.53		
551	1:16:21:51	2182.02	1890.15		
552	1:16:22:52	2183.04	1913.18		
553	1:16:23:53	2184.06	1926.29		
554	1:16:24:54	2185.08	1907.51		
555	1:16:25:56	2186.10	1940.14		
556	1:16:26:57	2187.12	1950.66		
557	1:16:27:58	2188.14	1940.78		
558	1:16:28:59	2189.16	1918.67		
559	1:16:30:00	2190.18	1919.95		
560	1:16:31:02	2191.20	1928.04		
561	1:16:32:03	2192.22	1917.86		
562	1:16:33:04	2193.24	1916.88		
563	1:16:34:05	2194.26	1926.04		
564	1:16:35:06	2195.28	1928.55		
565	1:16:36:08	2196.30	1926.59		
566	1:16:37:09	2197.32	1896.49		
567	1:16:38:10	2198.34	1867.26		
568	1:16:39:11	2199.36	1865.09		
569	1:16:40:12	2200.38	1894.79		
570	1:16:41:14	2201.40	1904.11		
571	1:16:42:15	2202.42	1923.35		
572	1:16:43:16	2203.44	1928.08		
573	1:16:44:17	2204.46	1972.57		
574	1:16:45:18	2205.48	1987.67		
575	1:16:46:20	2206.50	1989.38		
576	1:16:47:21	2207.52	1993.09		
577	1:16:48:22	2208.54	1998.00		
578	1:16:49:23	2209.56	1987.33		
579	1:16:50:24	2210.58	1955.61		
580	1:16:51:26	2211.60	1949.47		
581	1:16:52:27	2212.62	1974.19		
582	1:16:53:28	2213.64	1955.27		
583	1:16:54:29	2214.66	1977.78		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317309

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
584	1:16:55:30	2215.68	1953.52		
585	1:16:56:32	2216.70	1951.43		
586	1:16:57:33	2217.72	1955.22		
587	1:16:58:34	2218.74	1979.74		
588	1:16:59:35	2219.76	1982.89		
589	1:17:00:36	2220.78	1992.71		
590	1:17:01:38	2221.80	1983.45		
591	1:17:02:39	2222.82	1966.78		
592	1:17:03:40	2223.84	1960.89		
593	1:17:04:41	2224.86	1965.11		
594	1:17:05:42	2225.88	1971.98		
595	1:17:06:44	2226.90	1986.39		
596	1:17:07:45	2227.92	1991.47		
597	1:17:08:46	2228.94	1982.81		
598	1:17:09:47	2229.96	1981.62		
599	1:17:10:48	2230.98	1992.15		
600	1:17:11:50	2232.00	2014.09		
601	1:17:12:51	2233.02	2026.34		
602	1:17:13:52	2234.04	2027.53		
603	1:17:14:53	2235.06	2020.36		
604	1:17:15:54	2236.08	2023.18		
605	1:17:16:56	2237.10	1995.18		
606	1:17:17:57	2238.12	2004.31		
607	1:17:18:58	2239.14		206.65	
608	1:17:19:59	2240.16	1990.38		
609	1:17:21:00	2241.18	1996.99		
610	1:17:22:02	2242.20	1995.07		
611	1:17:23:03	2243.22	2001.72		
612	1:17:24:04	2244.24	1993.36		
613	1:17:25:05	2245.26	1970.38		
614	1:17:26:06	2246.28	1990.25		
615	1:17:27:08	2247.30	1993.32		
616	1:17:28:09	2248.32	1974.30		
617	1:17:29:10	2249.34	1992.51		
618	1:17:30:11	2250.36	1993.02		
619	1:17:31:12	2251.38	2000.23		
620	1:17:32:14	2252.40	1994.47		
621	1:17:33:15	2253.42	1990.97		
622	1:17:34:16	2254.44	1999.33		
623	1:17:35:17	2255.46	2011.28		
624	1:17:36:18	2256.48	2023.49		
625	1:17:37:20	2257.50	2023.87		
626	1:17:38:21	2258.52	2030.06		
627	1:17:39:22	2259.54	2033.69		
628	1:17:40:23	2260.56	2024.72		
629	1:17:41:24	2261.58	2011.79		
630	1:17:42:26	2262.60	2023.57		
631	1:17:43:27	2263.62	2022.08		
632	1:17:44:28	2264.64	2021.86		
633	1:17:45:29	2265.66	2021.65		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317310

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
634	1:17:46:30	2266.68	2020.84		
635	1:17:47:32	2267.70	2015.68		
636	1:17:48:33	2268.72	2017.08		
637	1:17:49:34	2269.74	2010.60		
638	1:17:50:35	2270.76	2007.14		
639	1:17:51:36	2271.78	1995.11		
640	1:17:52:38	2272.80	2008.64		
641	1:17:53:39	2273.82	1992.89		
642	1:17:54:40	2274.84	1994.39		
643	1:17:55:41	2275.86	1994.09		
	1:17:55:48				CHOKE CHANGE 32/64"
644	1:17:56:42	2276.88	1987.09		
645	1:17:57:44	2277.90	2015.33		
646	1:17:58:45	2278.92	2031.94		
647	1:17:59:46	2279.94	2046.50		
648	1:18:00:47	2280.96	2058.21		
649	1:18:01:48	2281.98	2065.04		
650	1:18:02:50	2283.00	2073.76		
651	1:18:03:51	2284.02	2077.31		
652	1:18:04:52	2285.04	2083.03		
653	1:18:05:53	2286.06	2128.29		
654	1:18:06:54	2287.08	2163.23		
655	1:18:07:56	2288.10	2193.39		
656	1:18:08:57	2289.12	2216.93		
657	1:18:09:58	2290.14	2233.49		
658	1:18:10:59	2291.16	2247.83		
659	1:18:12:00	2292.18	2266.42		
660	1:18:13:02	2293.20	2277.33		
661	1:18:14:03	2294.22	2281.75		
662	1:18:15:04	2295.24	2285.79		
663	1:18:16:05	2296.26	2301.22		
664	1:18:17:06	2297.28	2312.05		
665	1:18:18:08	2298.30	2313.51		
666	1:18:19:09	2299.32	2312.87		
667	1:18:20:10	2300.34	2316.69		
668	1:18:21:11	2301.36	2320.05		
669	1:18:22:12	2302.38	2324.69		
670	1:18:23:14	2303.40	2326.28		
671	1:18:24:15	2304.42	2325.38		
672	1:18:25:16	2305.44	2326.54		
673	1:18:26:17	2306.46	2326.76		
674	1:18:27:18	2307.48	2329.25		
675	1:18:28:20	2308.50	2327.75		
676	1:18:29:21	2309.52	2327.88		
677	1:18:30:22	2310.54	2327.06		
678	1:18:31:23	2311.56	2326.33		
679	1:18:32:24	2312.58	2328.31		
680	1:18:33:26	2313.60	2331.53		
681	1:18:34:27	2314.62	2334.80		
682	1:18:35:28	2315.64	2336.39		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317311

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
683	1:18:36:29	2316.66	2335.06		
684	1:18:37:30	2317.68	2335.14		
685	1:18:38:32	2318.70	2335.79		
686	1:18:39:33	2319.72	2335.70		
687	1:18:40:34	2320.74	2336.22		
688	1:18:41:35	2321.76	2336.56		
689	1:18:42:36	2322.78	2337.86		
690	1:18:43:38	2323.80	2338.16		
691	1:18:44:39	2324.82	2338.11		
692	1:18:45:40	2325.84	2335.96		
693	1:18:46:41	2326.86	2335.19		
694	1:18:47:42	2327.88	2336.95		
695	1:18:48:44	2328.90	2340.05		
696	1:18:49:45	2329.92	2337.90		
697	1:18:50:46	2330.94	2340.14		
698	1:18:51:47	2331.96	2342.72		
699	1:18:52:48	2332.98	2341.08		
700	1:18:53:50	2334.00	2342.93		
701	1:18:54:51	2335.02	2341.64		
702	1:18:55:52	2336.04	2341.56		
703	1:18:56:53	2337.06	2344.27		
704	1:18:57:54	2338.08	2342.76		
705	1:18:58:56	2339.10	2341.43		
706	1:18:59:57	2340.12	2343.71		
707	1:19:00:58	2341.14	2343.84		
708	1:19:01:59	2342.16		207.77	
709	1:19:03:00	2343.18	2345.07		
710	1:19:04:02	2344.20	2344.73		
711	1:19:05:03	2345.22	2345.24		
712	1:19:06:04	2346.24	2345.46		
713	1:19:07:05	2347.26	2343.52		
714	1:19:08:06	2348.28	2345.29		
715	1:19:09:08	2349.30	2347.87		
716	1:19:10:09	2350.32	2347.82		
717	1:19:11:10	2351.34	2347.44		
718	1:19:12:11	2352.36	2346.23		
719	1:19:13:12	2353.38	2347.05		
720	1:19:14:14	2354.40	2346.96		
721	1:19:15:15	2355.42	2346.88		
722	1:19:16:16	2356.44	2347.31		
723	1:19:17:17	2357.46	2348.00		
724	1:19:18:18	2358.48	2347.78		
725	1:19:19:20	2359.50	2347.35		
726	1:19:20:21	2360.52	2347.26		
727	1:19:21:22	2361.54	2347.87		
728	1:19:22:23	2362.56	2347.35		
729	1:19:23:24	2363.58	2346.75		
730	1:19:24:26	2364.60	2347.01		
731	1:19:25:27	2365.62	2347.05		
732	1:19:26:28	2366.64	2347.82		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
733	1:19:27:29	2367.66	2348.68		
734	1:19:28:30	2368.68	2347.52		
735	1:19:29:32	2369.70	2347.69		
736	1:19:30:33	2370.72	2348.17		
737	1:19:31:34	2371.74	2348.94		
738	1:19:32:35	2372.76	2350.15		
739	1:19:33:36	2373.78	2349.37		
740	1:19:34:38	2374.80	2349.29		
741	1:19:35:39	2375.82	2347.44		
742	1:19:36:40	2376.84	2348.17		
743	1:19:37:41	2377.86	2348.56		
744	1:19:38:42	2378.88	2349.33		
745	1:19:39:44	2379.90	2349.98		
746	1:19:40:45	2380.92	2348.47		
747	1:19:41:46	2381.94	2348.43		
748	1:19:42:47	2382.96	2349.85		
749	1:19:43:48	2383.98	2349.33		
750	1:19:44:50	2385.00	2350.84		
751	1:19:45:51	2386.02	2350.96		
752	1:19:46:52	2387.04	2349.59		
753	1:19:47:53	2388.06	2348.99		
754	1:19:48:54	2389.08	2348.34		
755	1:19:49:56	2390.10	2348.68		
756	1:19:50:57	2391.12	2349.11		
757	1:19:51:58	2392.14	2349.33		
758	1:19:52:59	2393.16	2350.45		
759	1:19:54:00	2394.18	2350.58		
760	1:19:55:02	2395.20	2351.65		
761	1:19:56:03	2396.22	2351.91		
762	1:19:57:04	2397.24	2350.10		
763	1:19:58:05	2398.26	2348.99		
764	1:19:59:06	2399.28	2348.56		
765	1:20:00:08	2400.30	2349.85		
766	1:20:01:09	2401.32	2349.54		
767	1:20:02:10	2402.34	2350.45		
768	1:20:03:11	2403.36	2354.79		
769	1:20:04:12	2404.38	2345.54		
770	1:20:05:14	2405.40	2342.66		
771	1:20:06:15	2406.42	2341.93		
772	1:20:07:16	2407.44	2344.08		
773	1:20:08:17	2408.46	2345.37		
774	1:20:09:18	2409.48	2347.87		
775	1:20:10:20	2410.50	2347.74		
776	1:20:11:21	2411.52	2347.44		
777	1:20:12:22	2412.54	2349.11		
778	1:20:13:23	2413.56	2350.43		
779	1:20:14:24	2414.58	2349.24		
780	1:20:15:26	2415.60	2348.47		
781	1:20:16:27	2416.62	2349.37		
782	1:20:17:28	2417.64	2350.62		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317313

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50

DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
783	1:20:18:29	2418.66	2351.14		
784	1:20:19:30	2419.68	2350.92		
785	1:20:20:32	2420.70	2350.06		
786	1:20:21:33	2421.72	2350.75		
787	1:20:22:34	2422.74	2352.04		
788	1:20:23:35	2423.76	2351.61		
789	1:20:24:36	2424.78	2350.23		
790	1:20:25:38	2425.80	2350.79		
791	1:20:26:39	2426.82	2350.36		
792	1:20:27:40	2427.84	2349.33		
793	1:20:28:41	2428.86	2351.09		
794	1:20:29:42	2429.88	2346.62		
795	1:20:30:44	2430.90	2351.48		
796	1:20:31:45	2431.92	2350.88		
797	1:20:32:46	2432.94	2350.32		
798	1:20:33:47	2433.96	2351.01		
799	1:20:34:48	2434.98	2351.22		
800	1:20:35:50	2436.00	2349.50		
801	1:20:36:51	2437.02	2353.25		
802	1:20:37:52	2438.04	2356.99		
803	1:20:38:53	2439.06	2352.47		
804	1:20:39:54	2440.08	2351.70		
805	1:20:40:56	2441.10	2349.50		
806	1:20:41:57	2442.12	2346.32		
807	1:20:42:58	2443.14	2346.58		
808	1:20:43:59	2444.16	2349.24		
809	1:20:45:00	2445.18		208.07	
810	1:20:46:02	2446.20	2352.75		
811	1:20:47:03	2447.22	2354.73		
812	1:20:48:04	2448.24	2353.83		
813	1:20:49:05	2449.26	2353.31		
814	1:20:50:06	2450.28	2353.31		
815	1:20:51:08	2451.30	2351.33		
816	1:20:52:09	2452.32	2351.63		
817	1:20:53:10	2453.34	2354.04		
818	1:20:54:11	2454.36	2354.82		
819	1:20:55:12	2455.38	2354.82		
820	1:20:56:14	2456.40	2357.23		
821	1:20:57:15	2457.42	2355.50		
822	1:20:58:16	2458.44	2352.32		
823	1:20:59:17	2459.46	2353.44		
824	1:21:00:18	2460.48	2354.43		
825	1:21:01:20	2461.50	2351.72		
826	1:21:02:21	2462.52	2354.34		
827	1:21:03:22	2463.54	2358.65		
828	1:21:04:23	2464.56	2356.75		
829	1:21:05:24	2465.58	2356.88		
830	1:21:06:26	2466.60	2356.71		
831	1:21:07:27	2467.62	2355.72		
832	1:21:08:28	2468.64	2355.29		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317314

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
833	1:21:09:29	2469.66	2361.62		
834	1:21:10:30	2470.68	2360.80		
835	1:21:11:32	2471.70	2360.50		
836	1:21:12:33	2472.72	2362.56		
837	1:21:13:34	2473.74	2348.83		
838	1:21:14:35	2474.76	2347.97		
839	1:21:15:36	2475.78	2350.64		
840	1:21:16:38	2476.80	2352.58		
841	1:21:17:39	2477.82	2358.09		
842	1:21:18:40	2478.84	2359.03		
843	1:21:19:41	2479.86	2358.09		
844	1:21:20:42	2480.88	2356.54		
845	1:21:21:44	2481.90	2355.98		
846	1:21:22:45	2482.92	2356.28		
847	1:21:23:46	2483.94	2358.78		
848	1:21:24:47	2484.96	2358.52		
849	1:21:25:48	2485.98	2355.03		
850	1:21:26:50	2487.00	2355.16		
851	1:21:27:51	2488.02	2356.11		
852	1:21:28:52	2489.04	2355.38		
853	1:21:29:53	2490.06	2354.17		
854	1:21:30:54	2491.08	2358.65		
855	1:21:31:56	2492.10	2358.52		
856	1:21:32:57	2493.12	2357.44		
857	1:21:33:58	2494.14	2355.33		
858	1:21:34:59	2495.16	2352.84		
859	1:21:36:00	2496.18	2357.23		
860	1:21:37:02	2497.20	2360.33		
861	1:21:38:03	2498.22	2358.95		
862	1:21:39:04	2499.24	2356.88		
863	1:21:40:05	2500.26	2356.37		
864	1:21:41:06	2501.28	2356.19		
865	1:21:42:08	2502.30	2357.10		
866	1:21:43:09	2503.32	2358.13		
867	1:21:44:10	2504.34	2357.48		
868	1:21:45:11	2505.36	2356.67		
869	1:21:46:12	2506.38	2357.53		
870	1:21:47:14	2507.40	2359.29		
871	1:21:48:15	2508.42	2359.12		
872	1:21:49:16	2509.44	2358.17		
873	1:21:50:17	2510.46	2358.65		
874	1:21:51:18	2511.48	2358.13		
875	1:21:52:20	2512.50	2356.49		
876	1:21:53:21	2513.52	2355.94		
877	1:21:54:22	2514.54	2358.52		
878	1:21:55:23	2515.56	2358.78		
879	1:21:56:24	2516.58	2358.30		
880	1:21:57:26	2517.60	2358.78		
881	1:21:58:27	2518.62	2358.95		
882	1:21:59:28	2519.64	2357.44		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317215

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
883	1:22:00:29	2520.66	2413.73		
884	1:22:01:30	2521.68	2476.28		
	1:22:02:02				CLOSE IN AT CHOKE MANIFOLD
885	1:22:02:32	2522.70	2520.94		
886	1:22:03:33	2523.72	2550.03		
887	1:22:04:34	2524.74	2568.11		
888	1:22:05:35	2525.76	2579.32		
889	1:22:06:36	2526.78	2586.16		
890	1:22:07:38	2527.80	2589.97		
891	1:22:08:39	2528.82	2593.00		
892	1:22:09:40	2529.84	2595.51		
893	1:22:10:41	2530.86	2597.67		
894	1:22:11:42	2531.88	2599.49		
895	1:22:12:44	2532.90	2601.18		
896	1:22:13:45	2533.92	2602.83		
897	1:22:14:46	2534.94	2605.21		
898	1:22:15:47	2535.96	2606.51		
899	1:22:16:48	2536.98	2607.33		
900	1:22:17:50	2538.00	2607.85		
901	1:22:18:51	2539.02	2608.24		
902	1:22:19:52	2540.04	2608.85		
903	1:22:20:53	2541.06	2609.37		
904	1:22:21:54	2542.08	2609.71		
905	1:22:22:56	2543.10	2610.10		
906	1:22:23:57	2544.12	2610.45		
907	1:22:24:58	2545.14	2610.71		
908	1:22:25:59	2546.16	2610.88		
909	1:22:27:00	2547.18	2610.97		
910	1:22:28:02	2548.20		207.69	
911	1:22:29:03	2549.22	2610.75		
912	1:22:30:04	2550.24	2610.88		
913	1:22:31:05	2551.26	2610.92		
914	1:22:32:06	2552.28	2610.97		
915	1:22:33:08	2553.30	2611.01		
916	1:22:34:09	2554.32	2611.23		
917	1:22:35:10	2555.34	2611.36		
918	1:22:36:11	2556.36	2611.57		
919	1:22:37:12	2557.38	2611.92		
920	1:22:38:14	2558.40	2612.14		
921	1:22:39:15	2559.42	2612.35		
922	1:22:40:16	2560.44	2612.83		
923	1:22:41:17	2561.46	2613.18		
924	1:22:42:18	2562.48	2613.39		
925	1:22:43:20	2563.50	2613.61		
926	1:22:44:21	2564.52	2613.91		
927	1:22:45:22	2565.54	2614.22		
928	1:22:46:23	2566.56	2614.48		
929	1:22:47:24	2567.58	2614.74		
930	1:22:48:26	2568.60	2615.00		
931	1:22:49:27	2569.62	2615.30		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317316

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
932	1:22:50:28	2570.64	2615.56		
933	1:22:51:29	2571.66	2615.90		
934	1:22:52:30	2572.68	2616.21		
935	1:22:53:32	2573.70	2616.55		
936	1:22:54:33	2574.72	2616.81		
937	1:22:55:34	2575.74	2617.03		
938	1:22:56:35	2576.76	2617.29		
939	1:22:57:36	2577.78	2617.55		
940	1:22:58:38	2578.80	2617.72		
941	1:22:59:39	2579.82	2617.94		
942	1:23:00:40	2580.84	2618.11		
943	1:23:01:41	2581.86	2618.33		
944	1:23:02:42	2582.88	2618.46		
945	1:23:03:44	2583.90	2618.63		
946	1:23:04:45	2584.92	2618.72		
947	1:23:05:46	2585.94	2618.85		
948	1:23:06:47	2586.96	2619.02		
949	1:23:07:48	2587.98	2619.07		
950	1:23:08:50	2589.00	2619.11		
951	1:23:09:51	2590.02	2619.20		
952	1:23:10:52	2591.04	2619.28		
953	1:23:11:53	2592.06	2619.46		
954	1:23:12:54	2593.08	2619.54		
955	1:23:13:56	2594.10	2619.76		
956	1:23:14:57	2595.12	2620.06		
957	1:23:15:58	2596.14	2620.19		
958	1:23:16:59	2597.16	2620.28		
959	1:23:18:00	2598.18	2620.37		
960	1:23:19:02	2599.20	2620.50		
961	1:23:20:03	2600.22	2620.63		
962	1:23:21:04	2601.24	2620.76		
963	1:23:22:05	2602.26	2620.80		
964	1:23:23:06	2603.28	2620.84		
965	1:23:24:08	2604.30	2620.89		
966	1:23:25:09	2605.32	2621.15		
967	1:23:26:10	2606.34	2621.23		
968	1:23:27:11	2607.36	2621.36		
969	1:23:28:12	2608.38	2621.41		
970	1:23:29:14	2609.40	2621.54		
971	1:23:30:15	2610.42	2621.71		
972	1:23:31:16	2611.44	2621.80		
973	1:23:32:17	2612.46	2621.88		
974	1:23:33:18	2613.48	2621.97		
975	1:23:34:20	2614.50	2622.06		
976	1:23:35:21	2615.52	2622.19		
977	1:23:36:22	2616.54	2622.27		
978	1:23:37:23	2617.56	2622.49		
979	1:23:38:24	2618.58	2622.58		
980	1:23:39:26	2619.60	2622.75		
981	1:23:40:27	2620.62	2622.79		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317217

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
982	1:23:41:28	2621.64	2622.97		
983	1:23:42:29	2622.66	2623.05		
984	1:23:43:30	2623.68	2623.14		
985	1:23:44:32	2624.70	2623.18		
986	1:23:45:33	2625.72	2623.14		
987	1:23:46:34	2626.74	2623.10		
988	1:23:47:35	2627.76	2623.05		
989	1:23:48:36	2628.78	2623.05		
990	1:23:49:38	2629.80	2622.97		
991	1:23:50:39	2630.82	2623.01		
992	1:23:51:40	2631.84	2623.01		
993	1:23:52:41	2632.86	2622.97		
994	1:23:53:42	2633.88	2623.01		
995	1:23:54:44	2634.90	2623.01		
996	1:23:55:45	2635.92	2623.05		
997	1:23:56:46	2636.94	2623.05		
998	1:23:57:47	2637.96	2623.01		
999	1:23:58:48	2638.98	2623.01		
1000	1:23:59:50	2640.00	2622.92		
1001	2:00:00:51	2641.02	2622.53		
1002	2:00:01:52	2642.04	2622.53		
1003	2:00:02:53	2643.06	2623.14		
1004	2:00:03:54	2644.08	2623.10		
1005	2:00:04:56	2645.10	2624.05		
1006	2:00:05:57	2646.12	2623.70		
1007	2:00:06:58	2647.14	2623.53		
1008	2:00:07:59	2648.16	2623.83		
1009	2:00:09:00	2649.18	2624.35		
1010	2:00:10:02	2650.20	2624.70		
1011	2:00:11:03	2651.22		203.30	
1012	2:00:12:04	2652.24	2620.91		
1013	2:00:13:05	2653.26	2620.95		
1014	2:00:14:06	2654.28	2621.04		
1015	2:00:15:08	2655.30	2620.86		
1016	2:00:16:09	2656.32	2620.69		
1017	2:00:17:10	2657.34	2620.52		
1018	2:00:18:11	2658.36	2620.34		
1019	2:00:19:12	2659.38	2620.34		
1020	2:00:20:14	2660.40	2619.69		
1021	2:00:21:15	2661.42	2618.78		
1022	2:00:22:16	2662.44	2618.87		
1023	2:00:23:17	2663.46	2617.40		
1024	2:00:24:18	2664.48	2619.87		
1025	2:00:25:20	2665.50	2620.34		
1026	2:00:26:21	2666.52	2620.43		
1027	2:00:27:22	2667.54	2620.26		
1028	2:00:28:23	2668.56	2620.13		
1029	2:00:29:24	2669.58	2620.21		
1030	2:00:30:26	2670.60	2620.13		
1031	2:00:31:27	2671.62	2620.13		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317318

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1032	2:00:32:28	2672.64	2620.21		
1033	2:00:33:29	2673.66	2620.34		
1034	2:00:34:30	2674.68	2620.47		
1035	2:00:35:32	2675.70	2620.60		
1036	2:00:36:33	2676.72	2620.69		
1037	2:00:37:34	2677.74	2620.65		
1038	2:00:38:35	2678.76	2620.73		
1039	2:00:39:36	2679.78	2620.08		
1040	2:00:40:38	2680.80	2619.87		
1041	2:00:41:39	2681.82	2620.86		
1042	2:00:42:40	2682.84	2619.95		
1043	2:00:43:41	2683.86	2620.56		
1044	2:00:44:42	2684.88	2620.43		
1045	2:00:45:44	2685.90	2619.56		
1046	2:00:46:45	2686.92	2618.87		
1047	2:00:47:46	2687.94	2618.74		
1048	2:00:48:47	2688.96	2619.74		
1049	2:00:49:48	2689.98	2620.52		
1050	2:00:50:50	2691.00	2620.78		
1051	2:00:51:51	2692.02	2620.78		
1052	2:00:52:52	2693.04	2620.30		
1053	2:00:53:53	2694.06	2620.69		
1054	2:00:54:54	2695.08	2621.43		
1055	2:00:55:56	2696.10	2622.03		
1056	2:00:56:57	2697.12	2622.34		
1057	2:00:57:58	2698.14	2622.42		
1058	2:00:58:59	2699.16	2622.47		
1059	2:01:00:00	2700.18	2622.51		
1060	2:01:01:02	2701.20	2622.60		
1061	2:01:02:03	2702.22	2622.77		
1062	2:01:03:04	2703.24	2622.81		
1063	2:01:04:05	2704.26	2622.81		
1064	2:01:05:06	2705.28	2622.86		
1065	2:01:06:08	2706.30	2622.90		
1066	2:01:07:09	2707.32	2623.12		
1067	2:01:08:10	2708.34	2623.25		
1068	2:01:09:11	2709.36	2623.33		
1069	2:01:10:12	2710.38	2623.42		
1070	2:01:11:14	2711.40	2623.46		
1071	2:01:12:15	2712.42	2623.64		
1072	2:01:13:16	2713.44	2623.64		
1073	2:01:14:17	2714.46	2623.72		
1074	2:01:15:18	2715.48	2623.72		
1075	2:01:16:20	2716.50	2623.81		
1076	2:01:17:21	2717.52	2623.85		
1077	2:01:18:22	2718.54	2623.90		
1078	2:01:19:23	2719.56	2623.94		
1079	2:01:20:24	2720.58	2623.98		
1080	2:01:21:26	2721.60	2624.29		
1081	2:01:22:27	2722.62	2624.29		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317219

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1082	2:01:23:28	2723.64	2624.24		
1083	2:01:24:29	2724.66	2624.24		
1084	2:01:25:30	2725.68	2624.24		
1085	2:01:26:32	2726.70	2624.33		
1086	2:01:27:33	2727.72	2624.33		
1087	2:01:28:34	2728.74	2624.33		
1088	2:01:29:35	2729.76	2624.37		
1089	2:01:30:36	2730.78	2624.50		
1090	2:01:31:38	2731.80	2624.46		
1091	2:01:32:39	2732.82	2624.59		
1092	2:01:33:40	2733.84	2624.59		
1093	2:01:34:41	2734.86	2624.59		
1094	2:01:35:42	2735.88	2624.68		
1095	2:01:36:44	2736.90	2624.72		
1096	2:01:37:45	2737.92	2624.76		
1097	2:01:38:46	2738.94	2624.81		
1098	2:01:39:47	2739.96	2624.89		
1099	2:01:40:48	2740.98	2624.89		
1100	2:01:41:50	2742.00	2624.94		
1101	2:01:42:51	2743.02	2624.98		
1102	2:01:43:52	2744.04	2625.07		
1103	2:01:44:53	2745.06	2625.11		
1104	2:01:45:54	2746.08	2625.20		
1105	2:01:46:56	2747.10	2625.24		
1106	2:01:47:57	2748.12	2625.20		
1107	2:01:48:58	2749.14	2625.24		
1108	2:01:49:59	2750.16	2625.33		
1109	2:01:51:00	2751.18	2625.41		
1110	2:01:52:02	2752.20	2625.46		
1111	2:01:53:03	2753.22	2625.50		
1112	2:01:54:04	2754.24		202.04	
1113	2:01:55:05	2755.26	2624.48		
1114	2:01:56:06	2756.28	2624.35		
1115	2:01:57:08	2757.30	2624.26		
1116	2:01:58:09	2758.32	2624.26		
1117	2:01:59:10	2759.34	2624.26		
1118	2:02:00:11	2760.36	2624.35		
1119	2:02:01:12	2761.38	2624.35		
1120	2:02:02:14	2762.40	2624.39		
1121	2:02:03:15	2763.42	2624.48		
1122	2:02:04:16	2764.44	2624.56		
1123	2:02:05:17	2765.46	2624.61		
1124	2:02:06:18	2766.48	2624.65		
1125	2:02:07:20	2767.50	2624.65		
1126	2:02:08:21	2768.52	2624.78		
1127	2:02:09:22	2769.54	2624.82		
1128	2:02:10:23	2770.56	2625.00		
1129	2:02:11:24	2771.58	2624.91		
1130	2:02:12:26	2772.60	2625.00		
1131	2:02:13:27	2773.62	2625.00		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317320

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1132	2:02:14:28	2774.64	2625.04		
1133	2:02:15:29	2775.66	2625.04		
1134	2:02:16:30	2776.68	2625.00		
1135	2:02:17:32	2777.70	2625.00		
1136	2:02:18:33	2778.72	2625.08		
1137	2:02:19:34	2779.74	2625.13		
1138	2:02:20:35	2780.76	2625.08		
1139	2:02:21:36	2781.78	2625.08		
1140	2:02:22:38	2782.80	2625.08		
1141	2:02:23:39	2783.82	2625.26		
1142	2:02:24:40	2784.84	2625.26		
1143	2:02:25:41	2785.86	2625.43		
1144	2:02:26:42	2786.88	2625.65		
1145	2:02:27:44	2787.90	2625.73		
1146	2:02:28:45	2788.92	2625.78		
1147	2:02:29:46	2789.94	2625.78		
1148	2:02:30:47	2790.96	2625.82		
1149	2:02:31:48	2791.98	2625.82		
1150	2:02:32:50	2793.00	2625.78		
1151	2:02:33:51	2794.02	2625.78		
1152	2:02:34:52	2795.04	2625.82		
1153	2:02:35:53	2796.06	2625.86		
1154	2:02:36:54	2797.08	2625.82		
1155	2:02:37:56	2798.10	2625.82		
1156	2:02:38:57	2799.12	2625.86		
1157	2:02:39:58	2800.14	2625.95		
1158	2:02:40:59	2801.16	2625.95		
1159	2:02:42:00	2802.18	2625.99		
1160	2:02:43:02	2803.20	2625.95		
1161	2:02:44:03	2804.22	2625.99		
1162	2:02:45:04	2805.24	2626.04		
1163	2:02:46:05	2806.26	2626.08		
1164	2:02:47:06	2807.28	2626.13		
1165	2:02:48:08	2808.30	2626.21		
1166	2:02:49:09	2809.32	2626.26		
1167	2:02:50:10	2810.34	2626.30		
1168	2:02:51:11	2811.36	2626.34		
1169	2:02:52:12	2812.38	2626.39		
1170	2:02:53:14	2813.40	2626.82		
1171	2:02:54:15	2814.42	2622.96		
1172	2:02:55:16	2815.44	2623.05		
1173	2:02:56:17	2816.46	2623.09		
1174	2:02:57:18	2817.48	2623.09		
1175	2:02:58:20	2818.50	2623.13		
1176	2:02:59:21	2819.52	2623.13		
1177	2:03:00:22	2820.54	2623.18		
1178	2:03:01:23	2821.56	2623.18		
1179	2:03:02:24	2822.58	2623.18		
1180	2:03:03:26	2823.60	2623.22		
1181	2:03:04:27	2824.62	2623.22		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317321

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1182	2:03:05:28	2825.64	2623.22		
1183	2:03:06:29	2826.66	2623.26		
1184	2:03:07:30	2827.68	2623.26		
1185	2:03:08:32	2828.70	2623.31		
1186	2:03:09:33	2829.72	2623.35		
1187	2:03:10:34	2830.74	2623.35		
1188	2:03:11:35	2831.76	2623.35		
1189	2:03:12:36	2832.78	2623.35		
1190	2:03:13:38	2833.80	2623.44		
1191	2:03:14:39	2834.82	2623.44		
1192	2:03:15:40	2835.84	2623.44		
1193	2:03:16:41	2836.86	2623.44		
1194	2:03:17:42	2837.88	2623.44		
1195	2:03:18:44	2838.90	2622.92		
1196	2:03:19:45	2839.92	2623.18		
1197	2:03:20:46	2840.94	2623.26		
1198	2:03:21:47	2841.96	2623.44		
1199	2:03:22:48	2842.98	2623.52		
1200	2:03:23:50	2844.00	2623.61		
1201	2:03:24:51	2845.02	2623.61		
1202	2:03:25:52	2846.04	2623.65		
1203	2:03:26:53	2847.06	2623.70		
1204	2:03:27:54	2848.08	2623.74		
1205	2:03:28:56	2849.10	2623.78		
1206	2:03:29:57	2850.12	2623.78		
1207	2:03:30:58	2851.14	2623.83		
1208	2:03:31:59	2852.16	2623.83		
1209	2:03:33:00	2853.18	2623.87		
1210	2:03:34:02	2854.20	2623.91		
1211	2:03:35:03	2855.22	2623.96		
1212	2:03:36:04	2856.24	2623.96		
1213	2:03:37:05	2857.26		201.51	
1214	2:03:38:06	2858.28	2623.54		
1215	2:03:39:08	2859.30	2623.58		
1216	2:03:40:09	2860.32	2623.62		
1217	2:03:41:10	2861.34	2623.62		
1218	2:03:42:11	2862.36	2623.58		
1219	2:03:43:12	2863.38	2623.58		
1220	2:03:44:14	2864.40	2623.58		
1221	2:03:45:15	2865.42	2623.58		
1222	2:03:46:16	2866.44	2623.62		
1223	2:03:47:17	2867.46	2623.67		
1224	2:03:48:18	2868.48	2623.67		
1225	2:03:49:20	2869.50	2623.41		
1226	2:03:50:21	2870.52	2623.58		
1227	2:03:51:22	2871.54	2623.75		
1228	2:03:52:23	2872.56	2623.75		
1229	2:03:53:24	2873.58	2623.75		
1230	2:03:54:26	2874.60	2859.58		
1231	2:03:55:27	2875.62	2907.54		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317322

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1232	2:03:56:28	2876.64	2879.91		
1233	2:03:57:29	2877.66	2884.05		
1234	2:03:58:30	2878.68	2892.21		
1235	2:03:59:32	2879.70	2895.22		
1236	2:04:00:33	2880.72	2895.84		
1237	2:04:01:34	2881.74	2897.84		
1238	2:04:02:35	2882.76	2899.72		
1239	2:04:03:36	2883.78	2902.17		
1240	2:04:04:38	2884.80	2905.18		
1241	2:04:05:39	2885.82	2906.84		
1242	2:04:06:40	2886.84	2910.59		
1243	2:04:07:41	2887.86	2912.64		
1244	2:04:08:42	2888.88	2914.13		
1245	2:04:09:44	2889.90	2914.83		
1246	2:04:10:45	2890.92	2915.09		
1247	2:04:11:46	2891.94	2916.09		
1248	2:04:12:47	2892.96	2916.31		
1249	2:04:13:48	2893.98	2916.57		
1250	2:04:14:50	2895.00	2915.70		
1251	2:04:15:51	2896.02	2915.92		
1252	2:04:16:52	2897.04	2916.01		
1253	2:04:17:53	2898.06	2915.44		
1254	2:04:18:54	2899.08	2915.96		
1255	2:04:19:56	2900.10	2915.40		
1256	2:04:20:57	2901.12	2915.22		
1257	2:04:21:58	2902.14	2915.09		
1258	2:04:22:59	2903.16	2914.74		
1259	2:04:24:00	2904.18	2915.00		
1260	2:04:25:02	2905.20	2914.09		
1261	2:04:26:03	2906.22	2913.91		
1262	2:04:27:04	2907.24	2913.60		
1263	2:04:28:05	2908.26	2913.34		
1264	2:04:29:06	2909.28	2913.17		
1265	2:04:30:08	2910.30	2912.78		
1266	2:04:31:09	2911.32	2912.86		
1267	2:04:32:10	2912.34	2912.29		
1268	2:04:33:11	2913.36	2911.99		
1269	2:04:34:12	2914.38	2911.25		
1270	2:04:35:14	2915.40	2911.55		
1271	2:04:36:15	2916.42	2910.98		
1272	2:04:37:16	2917.44	2910.90		
1273	2:04:38:17	2918.46	2910.07		
1274	2:04:39:18	2919.48	2909.67		
1275	2:04:40:20	2920.50	2909.98		
1276	2:04:41:21	2921.52	2909.50		
1277	2:04:42:22	2922.54	2909.46		
1278	2:04:43:23	2923.56	2908.45		
1279	2:04:44:24	2924.58	2908.71		
1280	2:04:45:26	2925.60	2908.58		
1281	2:04:46:27	2926.62	2896.88		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317223

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1282	2:04:47:28	2927.64	2889.99		
1283	2:04:48:29	2928.66	2923.87		
1284	2:04:49:30	2929.68	2932.74		
1285	2:04:50:32	2930.70	2937.76		
1286	2:04:51:33	2931.72	2913.95		
1287	2:04:52:34	2932.74	2915.83		
1288	2:04:53:35	2933.76	2910.07		
1289	2:04:54:36	2934.78	2924.52		
1290	2:04:55:38	2935.80	2916.79		
1291	2:04:56:39	2936.82	2918.98		
1292	2:04:57:40	2937.84	2921.42		
1293	2:04:58:41	2938.86	2936.54		
1294	2:04:59:42	2939.88	2931.47		
1295	2:05:00:44	2940.90	2927.36		
1296	2:05:01:45	2941.92	2956.64		
1297	2:05:02:46	2942.94	2936.36		
1298	2:05:03:47	2943.96	2929.11		
1299	2:05:04:48	2944.98	2915.53		
1300	2:05:05:50	2946.00	2935.75		
1301	2:05:06:51	2947.02	2914.00		
1302	2:05:07:52	2948.04	2929.94		
1303	2:05:08:53	2949.06	2941.26		
1304	2:05:09:54	2950.08	2931.51		
1305	2:05:10:56	2951.10	2912.29		
1306	2:05:11:57	2952.12	2948.60		
1307	2:05:12:58	2953.14	2932.47		
1308	2:05:13:59	2954.16	2927.71		
1309	2:05:15:00	2955.18	2866.65		
1310	2:05:16:02	2956.20	2889.42		
1311	2:05:17:03	2957.22	2887.28		
1312	2:05:18:04	2958.24	2904.74		
1313	2:05:19:05	2959.26	2911.77		
1314	2:05:20:06	2960.28		180.81	
1315	2:05:21:08	2961.30	2895.69		
1316	2:05:22:09	2962.32	2893.99		
1317	2:05:23:10	2963.34	2889.35		
1318	2:05:24:11	2964.36	2900.85		
1319	2:05:25:12	2965.38	2887.47		
1320	2:05:26:14	2966.40	2897.57		
1321	2:05:27:15	2967.42	2914.23		
1322	2:05:28:16	2968.44	2893.59		
1323	2:05:29:17	2969.46	2897.18		
1324	2:05:30:18	2970.48	2833.27		
1325	2:05:31:20	2971.50	2871.48		
1326	2:05:32:21	2972.52	2858.33		
1327	2:05:33:22	2973.54	2899.98		
1328	2:05:34:23	2974.56	2888.96		
1329	2:05:35:24	2975.58	2888.17		
1330	2:05:36:26	2976.60	2876.33		
1331	2:05:37:27	2977.62	2877.03		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317324

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1332	2:05:38:28	2978.64	2876.77		
1333	2:05:39:29	2979.66	2883.93		
1334	2:05:40:30	2980.68	2879.48		
1335	2:05:41:32	2981.70	2904.61		
1336	2:05:42:33	2982.72	2876.90		
1337	2:05:43:34	2983.74	2894.55		
1338	2:05:44:35	2984.76	2859.86		
1339	2:05:45:36	2985.78	2892.33		
1340	2:05:46:38	2986.80	2868.38		
1341	2:05:47:39	2987.82	2877.90		
1342	2:05:48:40	2988.84	2880.57		
1343	2:05:49:41	2989.86	2875.32		
1344	2:05:50:42	2990.88	2864.32		
1345	2:05:51:44	2991.90	2883.58		
1346	2:05:52:45	2992.92	2873.58		
1347	2:05:53:46	2993.94	2879.39		
1348	2:05:54:47	2994.96	2890.45		
1349	2:05:55:48	2995.98	2859.64		
1350	2:05:56:50	2997.00	2866.76		
1351	2:05:57:51	2998.02	2881.40		
1352	2:05:58:52	2999.04	2868.33		
1353	2:05:59:53	3000.06	2877.38		
1354	2:06:00:54	3001.08	2884.89		
1355	2:06:01:56	3002.10	2885.99		
1356	2:06:02:57	3003.12	2790.65		
1357	2:06:03:58	3004.14	2825.11		
1358	2:06:04:59	3005.16	2830.35		
1359	2:06:06:00	3006.18	2835.98		
1360	2:06:07:02	3007.20	2837.46		
1361	2:06:08:03	3008.22	2772.65		
1362	2:06:09:04	3009.24	2780.10		
1363	2:06:10:05	3010.26	2791.91		
1364	2:06:11:06	3011.28	2776.35		
1365	2:06:12:08	3012.30	2797.80		
1366	2:06:13:09	3013.32	2807.22		
1367	2:06:14:10	3014.34	2789.73		
1368	2:06:15:11	3015.36	2807.92		
1369	2:06:16:12	3016.38	2787.47		
1370	2:06:17:14	3017.40	2789.38		
1371	2:06:18:15	3018.42	2809.49		
1372	2:06:19:16	3019.44	2789.47		
1373	2:06:20:17	3020.46	2790.65		
1374	2:06:21:18	3021.48	2793.66		
1375	2:06:22:20	3022.50	2794.14		
1376	2:06:23:21	3023.52	2794.97		
1377	2:06:24:22	3024.54	2790.91		
1378	2:06:25:23	3025.56	2809.79		
1379	2:06:26:24	3026.58	2792.31		
1380	2:06:27:26	3027.60	2780.19		
1381	2:06:28:27	3028.62	2798.37		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317325

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1382	2:06:29:28	3029.64	2792.09		
1383	2:06:30:29	3030.66	2799.68		
1384	2:06:31:30	3031.68	2796.27		
1385	2:06:32:32	3032.70	2795.45		
1386	2:06:33:33	3033.72	2801.29		
1387	2:06:34:34	3034.74	2797.97		
1388	2:06:35:35	3035.76	2785.11		
1389	2:06:36:36	3036.78	2779.88		
1390	2:06:37:38	3037.80	2796.40		
1391	2:06:38:39	3038.82	2790.08		
1392	2:06:39:40	3039.84	2792.31		
1393	2:06:40:41	3040.86	2790.43		
1394	2:06:41:42	3041.88	2773.34		
1395	2:06:42:44	3042.90	2770.51		
1396	2:06:43:45	3043.92	2782.58		
1397	2:06:44:46	3044.94	2799.94		
1398	2:06:45:47	3045.96	2783.54		
1399	2:06:46:48	3046.98	2743.98		
1400	2:06:47:50	3048.00	2800.68		
1401	2:06:48:51	3049.02	2798.11		
1402	2:06:49:52	3050.04	2804.30		
1403	2:06:50:53	3051.06	2788.21		
1404	2:06:51:54	3052.08	2800.55		
1405	2:06:52:56	3053.10	2769.29		
1406	2:06:53:57	3054.12	2811.15		
1407	2:06:54:58	3055.14	2758.88		
1408	2:06:55:59	3056.16	2766.33		
1409	2:06:57:00	3057.18	2796.62		
1410	2:06:58:02	3058.20	2773.65		
1411	2:06:59:03	3059.22	2790.56		
1412	2:07:00:04	3060.24	2754.26		
1413	2:07:01:05	3061.26	2779.49		
1414	2:07:02:06	3062.28	2778.75		
1415	2:07:03:08	3063.30		173.01	
1416	2:07:04:09	3064.32	2779.37		
1417	2:07:05:10	3065.34	2770.82		
1418	2:07:06:11	3066.36	2762.49		
1419	2:07:07:12	3067.38	2780.72		
1420	2:07:08:14	3068.40	2765.81		
1421	2:07:09:15	3069.42	2762.49		
1422	2:07:10:16	3070.44	2765.98		
1423	2:07:11:17	3071.46	2831.22		
1424	2:07:12:18	3072.48	2854.99		
1425	2:07:13:20	3073.50	2854.90		
1426	2:07:14:21	3074.52	2800.58		
1427	2:07:15:22	3075.54	2826.55		
1428	2:07:16:23	3076.56	2813.23		
1429	2:07:17:24	3077.58	2798.52		
1430	2:07:18:26	3078.60	2776.58		
1431	2:07:19:27	3079.62	2794.07		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317326

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1432	2:07:20:28	3080.64	2782.47		
1433	2:07:21:29	3081.66	2782.47		
1434	2:07:22:30	3082.68	2776.19		
1435	2:07:23:32	3083.70	2775.32		
1436	2:07:24:33	3084.72	2768.38		
1437	2:07:25:34	3085.74	2774.14		
1438	2:07:26:35	3086.76	2781.38		
1439	2:07:27:36	3087.78	2777.93		
1440	2:07:28:38	3088.80	2770.17		
1441	2:07:29:39	3089.82	2768.86		
1442	2:07:30:40	3090.84	2763.58		
1443	2:07:31:41	3091.86	2790.58		
1444	2:07:32:42	3092.88	2779.59		
1445	2:07:33:44	3093.90	2777.80		
1446	2:07:34:45	3094.92	2773.40		
1447	2:07:35:46	3095.94	2762.28		
1448	2:07:36:47	3096.96	2752.82		
1449	2:07:37:48	3097.98	2799.18		
1450	2:07:38:50	3099.00	2759.79		
1451	2:07:39:51	3100.02	2765.94		
1452	2:07:40:52	3101.04	2714.91		
1453	2:07:41:53	3102.06	2729.07		
1454	2:07:42:54	3103.08	2732.20		
1455	2:07:43:56	3104.10	2726.89		
1456	2:07:44:57	3105.12	2737.91		
1457	2:07:45:58	3106.14	2713.13		
1458	2:07:46:59	3107.16	2736.17		
1459	2:07:48:00	3108.18	2736.43		
1460	2:07:49:02	3109.20	2729.94		
1461	2:07:50:03	3110.22	2741.35		
1462	2:07:51:04	3111.24	2729.28		
1463	2:07:52:05	3112.26	2724.84		
1464	2:07:53:06	3113.28	2728.81		
1465	2:07:54:08	3114.30	2739.35		
1466	2:07:55:09	3115.32	2731.25		
1467	2:07:56:10	3116.34	2728.15		
1468	2:07:57:11	3117.36	2731.16		
1469	2:07:58:12	3118.38	2725.93		
1470	2:07:59:14	3119.40	2719.35		
1471	2:08:00:15	3120.42	2717.74		
1472	2:08:01:16	3121.44	2732.12		
1473	2:08:02:17	3122.46	2790.50		
1474	2:08:03:18	3123.48	2778.15		
1475	2:08:04:20	3124.50	2784.65		
1476	2:08:05:21	3125.52	2771.26		
1477	2:08:06:22	3126.54	2744.19		
1478	2:08:07:23	3127.56	2773.88		
1479	2:08:08:24	3128.58	2758.92		
1480	2:08:09:26	3129.60	2699.63		
1481	2:08:10:27	3130.62	2669.17		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317327

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1482	2:08:11:28	3131.64	2540.87		
1483	2:08:12:29	3132.66	2630.38		
1484	2:08:13:30	3133.68	2607.44		
1485	2:08:14:32	3134.70	2577.79		
1486	2:08:15:33	3135.72	2520.58		
1487	2:08:16:34	3136.74	2547.16		
1488	2:08:17:35	3137.76	2520.54		
1489	2:08:18:36	3138.78	2482.11		
1490	2:08:19:38	3139.80	2489.00		
1491	2:08:20:39	3140.82	2460.94		
1492	2:08:21:40	3141.84	2334.33		
1493	2:08:22:41	3142.86	2388.17		
1494	2:08:23:42	3143.88	2281.30		
1495	2:08:24:44	3144.90	2345.34		
1496	2:08:25:45	3145.92	2307.16		
1497	2:08:26:46	3146.94	2187.68		
1498	2:08:27:47	3147.96	2268.11		
1499	2:08:28:48	3148.98	2120.63		
1500	2:08:29:50	3150.00	2221.58		
1501	2:08:30:51	3151.02	2165.85		
1502	2:08:31:52	3152.04	2168.25		
1503	2:08:32:53	3153.06	2126.85		
1504	2:08:33:54	3154.08	2023.73		
1505	2:08:34:56	3155.10	2081.07		
1506	2:08:35:57	3156.12	2025.32		
1507	2:08:36:58	3157.14	2029.26		
1508	2:08:37:59	3158.16	1979.47		
1509	2:08:39:00	3159.18	1994.06		
1510	2:08:40:02	3160.20	1939.54		
1511	2:08:41:03	3161.22	1741.36		
1512	2:08:42:04	3162.24	1909.08		
1513	2:08:43:05	3163.26	1843.66		
1514	2:08:44:06	3164.28	1682.53		
1515	2:08:45:08	3165.30	1811.09		
1516	2:08:46:09	3166.32		152.84	
1517	2:08:47:10	3167.34	1603.27		
1518	2:08:48:11	3168.36	1715.39		
1519	2:08:49:12	3169.38	1670.28		
1520	2:08:50:14	3170.40	1642.66		
1521	2:08:51:15	3171.42	1607.69		
1522	2:08:52:16	3172.44	1500.89		
1523	2:08:53:17	3173.46	1546.39		
1524	2:08:54:18	3174.48	1516.21		
1525	2:08:55:20	3175.50	1274.18		
1526	2:08:56:21	3176.52	1473.12		
1527	2:08:57:22	3177.54	1248.45		
1528	2:08:58:23	3178.56	1404.25		
1529	2:08:59:24	3179.58	1378.23		
1530	2:09:00:26	3180.60	1350.07		
1531	2:09:01:27	3181.62	1316.10		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317328

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1532	2:09:02:28	3182.64	1273.88		
1533	2:09:03:29	3183.66	1229.60		
1534	2:09:04:30	3184.68	1218.43		
1535	2:09:05:32	3185.70	1202.08		
1536	2:09:06:33	3186.72	1182.41		
1537	2:09:07:34	3187.74	1128.32		
1538	2:09:08:35	3188.76	1081.58		
1539	2:09:09:36	3189.78	1081.58		
1540	2:09:10:38	3190.80	1064.14		
1541	2:09:11:39	3191.82	1027.40		
1542	2:09:12:40	3192.84	994.26		
1543	2:09:13:41	3193.86	933.66		
1544	2:09:14:42	3194.88	943.08		
1545	2:09:15:44	3195.90	893.42		
1546	2:09:16:45	3196.92	848.17		
1547	2:09:17:46	3197.94	798.40		
1548	2:09:18:47	3198.96	792.18		
1549	2:09:19:48	3199.98	756.78		
1550	2:09:20:50	3201.00	748.06		
1551	2:09:21:51	3202.02	707.24		
1552	2:09:22:52	3203.04	549.58		
1553	2:09:23:53	3204.06	659.63		
1554	2:09:24:54	3205.08	611.02		
1555	2:09:25:56	3206.10	441.57		
1556	2:09:26:57	3207.12	563.46		
1557	2:09:27:58	3208.14	512.54		
1558	2:09:28:59	3209.16	514.12		
1559	2:09:30:00	3210.18	466.11		
1560	2:09:31:02	3211.20	394.14		
1561	2:09:32:03	3212.22	422.14		
1562	2:09:33:04	3213.24	417.29		
1563	2:09:34:05	3214.26	394.34		
1564	2:09:35:06	3215.28	390.74		
1565	2:09:36:08	3216.30	394.39		
1566	2:09:37:09	3217.32	357.59		
1567	2:09:38:10	3218.34	362.47		
1568	2:09:39:11	3219.36	365.20		
1569	2:09:40:12	3220.38	360.28		
1570	2:09:41:14	3221.40	328.39		
1571	2:09:42:15	3222.42	330.62		
1572	2:09:43:16	3223.44	298.09		
1573	2:09:44:17	3224.46	295.81		
1574	2:09:45:18	3225.48	300.53		
1575	2:09:46:20	3226.50	297.63		
1576	2:09:47:21	3227.52	287.55		
1577	2:09:48:22	3228.54	271.85		
1578	2:09:49:23	3229.56	275.82		
1579	2:09:50:24	3230.58	273.88		
1580	2:09:51:26	3231.60	277.35		
1581	2:09:52:27	3232.62	276.52		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317329

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1582	2:09:53:28	3233.64	278.63		
1583	2:09:54:29	3234.66	275.82		
1584	2:09:55:30	3235.68	275.94		
1585	2:09:56:32	3236.70	278.83		
1586	2:09:57:33	3237.72	275.53		
1587	2:09:58:34	3238.74	270.70		
1588	2:09:59:35	3239.76	274.87		
1589	2:10:00:36	3240.78	271.23		
1590	2:10:01:38	3241.80	274.50		
1591	2:10:02:39	3242.82	276.07		
1592	2:10:03:40	3243.84	274.46		
1593	2:10:04:41	3244.86	270.53		
1594	2:10:05:42	3245.88	271.90		
1595	2:10:06:44	3246.90	276.77		
1596	2:10:07:45	3247.92	270.08		
1597	2:10:08:46	3248.94	216.54		
1598	2:10:09:47	3249.96	222.48		
1599	2:10:10:48	3250.98	223.55		
1600	2:10:11:50	3252.00	224.38		
1601	2:10:12:51	3253.02	225.49		
1602	2:10:13:52	3254.04	223.31		
1603	2:10:14:53	3255.06	223.02		
1604	2:10:15:54	3256.08	224.22		
1605	2:10:16:56	3257.10	224.05		
1606	2:10:17:57	3258.12	221.53		
1607	2:10:18:58	3259.14	217.37		
1608	2:10:19:59	3260.16	216.95		
1609	2:10:21:00	3261.18	211.84		
1610	2:10:22:02	3262.20	211.14		
1611	2:10:23:03	3263.22	214.97		
1612	2:10:24:04	3264.24	214.73		
1613	2:10:25:05	3265.26	213.03		
1614	2:10:26:06	3266.28	215.43		
1615	2:10:27:08	3267.30	213.65		
1616	2:10:28:09	3268.32	214.97		
1617	2:10:29:10	3269.34		83.06	
1618	2:10:30:11	3270.36	183.59		
1619	2:10:31:12	3271.38	186.43		
1620	2:10:32:14	3272.40	186.26		
1621	2:10:33:15	3273.42	184.09		
1622	2:10:34:16	3274.44	186.55		
1623	2:10:35:17	3275.46	181.22		
1624	2:10:36:18	3276.48	170.62		
1625	2:10:37:20	3277.50	177.09		
1626	2:10:38:21	3278.52	173.96		
1627	2:10:39:22	3279.54	174.96		
1628	2:10:40:23	3280.56	176.96		
1629	2:10:41:24	3281.58	173.87		
1630	2:10:42:26	3282.60	176.59		
1631	2:10:43:27	3283.62	176.13		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:59:50 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1632	2:10:44:28	3284.64	171.25		
1633	2:10:45:29	3285.66	167.66		
1634	2:10:46:30	3286.68	170.96		
1635	2:10:47:32	3287.70	169.25		
1636	2:10:48:33	3288.72	167.91		
1637	2:10:49:34	3289.74	172.42		
1638	2:10:50:35	3290.76	167.74		
1639	2:10:51:36	3291.78	170.83		
1640	2:10:52:38	3292.80	169.12		
1641	2:10:53:39	3293.82	169.00		
1642	2:10:54:40	3294.84	142.27		
1643	2:10:55:41	3295.86	117.19		
1644	2:10:56:42	3296.88	118.73		
1645	2:10:57:44	3297.90	119.07		
1646	2:10:58:45	3298.92	119.48		
1647	2:10:59:46	3299.94	119.90		
1648	2:11:00:47	3300.96	119.94		
1649	2:11:01:48	3301.98	119.61		
1650	2:11:02:50	3303.00	70.69		
1651	2:11:03:51	3304.02	71.02		
1652	2:11:04:52	3305.04	71.73		
1653	2:11:05:53	3306.06	72.23		
1654	2:11:06:54	3307.08	72.27		
1655	2:11:07:56	3308.10	71.60		
1656	2:11:08:57	3309.12	71.93		
1657	2:11:09:58	3310.14	72.52		
1658	2:11:10:59	3311.16	72.10		
1659	2:11:12:00	3312.18	72.60		
1660	2:11:13:02	3313.20	72.85		
1661	2:11:14:03	3314.22	72.64		
1662	2:11:15:04	3315.24	72.18		
1663	2:11:16:05	3316.26	71.56		
1664	2:11:17:06	3317.28	71.52		
1665	2:11:18:08	3318.30	70.98		
1666	2:11:19:09	3319.32	48.55		
1667	2:11:20:10	3320.34	49.30		
1668	2:11:21:11	3321.36	49.05		
1669	2:11:22:12	3322.38	49.43		
1670	2:11:23:14	3323.40	49.68		
1671	2:11:24:15	3324.42	49.47		
1672	2:11:25:16	3325.44	48.84		
1673	2:11:26:17	3326.46	44.81		
1674	2:11:27:18	3327.48	45.35		
1675	2:11:28:20	3328.50	45.43		
1676	2:11:29:21	3329.52	45.56		
1677	2:11:30:22	3330.54	45.43		
1678	2:11:31:23	3331.56	46.39		
1679	2:11:32:24	3332.58	45.60		
1680	2:11:33:26	3333.60	44.81		
1681	2:11:34:27	3334.62	44.93		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317331

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUSTRALIA
Lease: YOLLA
Well # 1
Ticket # 316606
Date: 21 / 9 / 85
E. M. R. 61775 E. P. G. 63148
Test # 2
Start Time : 03: 39: 40

PLOTS

PLOTS FOR E.M.R. 61775 E.P.G. 63148

2.1 PRESSURE AND TEMPERATURE VRS TIME FOR POINTS 1 TO 2000.

2.2 BLOWUP OF PRESSURE VRS TIME FOR 2ND FLOW AND BUILDUP PERIODS FOR POINTS 580 TO 2000.

2.3 LOG LOG PLOT FOR 2ND BUILDUP PERIOD.

FLOW TIME: 590 MINS

FOR POINTS: 1615 TO 2000

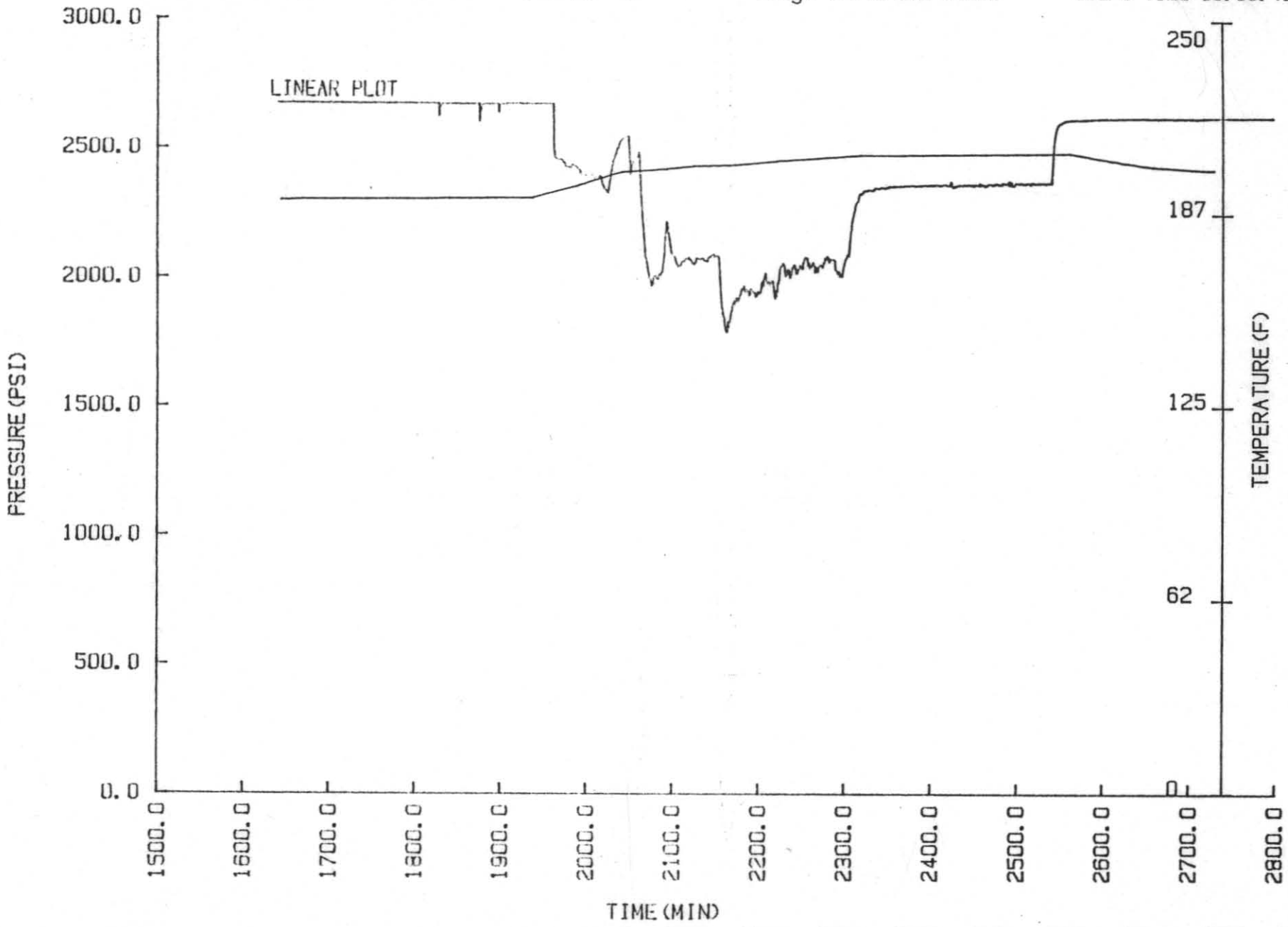
3172233

PLOT 2.1

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 63148 EMR 61775 | Start Time 03:39:40



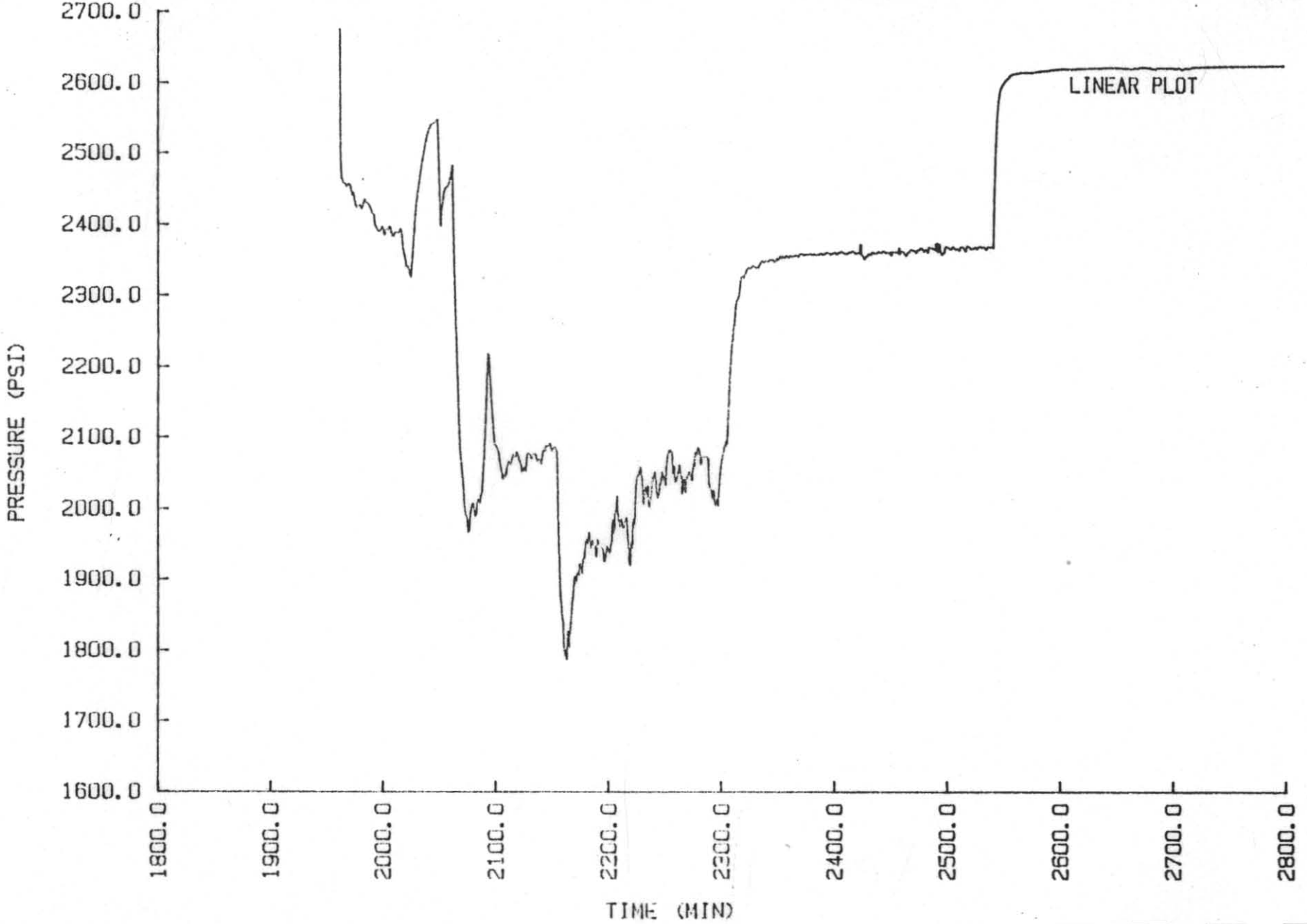
3172334

PLOT 2.2

5 cm

Lease Name YOLLA Well no. 1 Ticket no. 316606 Date 21 / 9 / 85

Lease Owner AMOCO AUSTRALIA Test no. 2 Gauge 63148 EMR 61775 Start Time 03: 39: 40



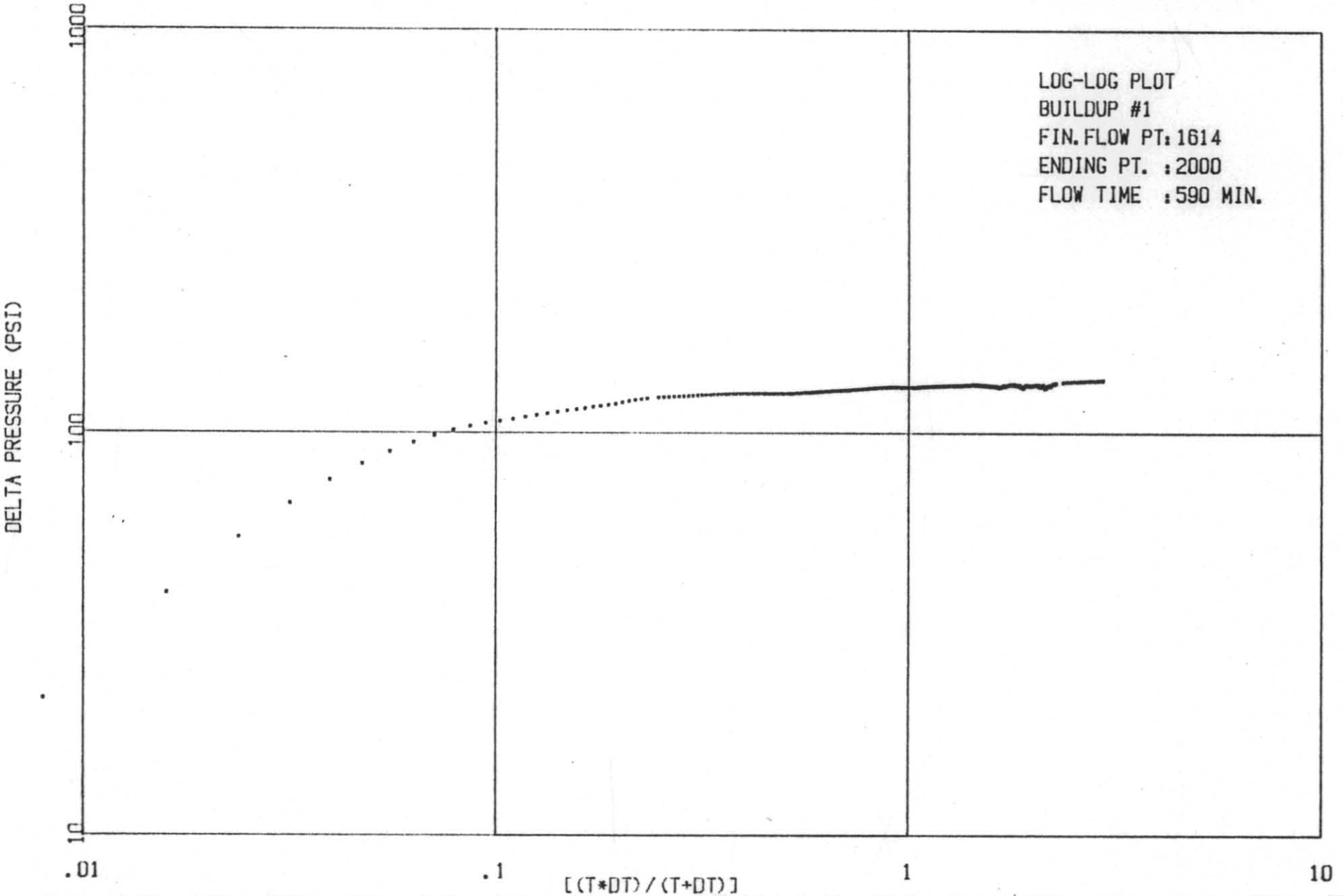
317235

PLOT 2.3

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21/9/85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge no. 63148 | Start Time 03:39:40



317336

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUSTRALIA
Lease: YOLLA
Well # 1
Ticket # 316606
Date: 21 / 9 / 85
E. M. R. 61775 E. P. G. 63148
Test # 2
Start Time : 03: 39: 40

DATA POINTS

317237

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1	1:07:00:07	1640.46		191.37	
2	1:07:00:36	1640.94	2674.46		
3	1:07:01:05	1641.42	2674.46		
4	1:07:01:34	1641.90	2674.34		
5	1:07:02:02	1642.38	2674.22		
6	1:07:02:31	1642.86	2674.18		
7	1:07:03:00	1643.34	2674.18		
8	1:07:03:29	1643.82	2674.22		
9	1:07:03:58	1644.30	2674.22		
10	1:07:04:26	1644.78	2674.18		
11	1:07:04:55	1645.26	2674.10		
12	1:07:05:24	1645.74	2674.18		
13	1:07:05:53	1646.22	2674.26		
14	1:07:06:22	1646.70	2674.18		
15	1:07:06:50	1647.18	2674.10		
16	1:07:07:19	1647.66	2674.10		
17	1:07:07:48	1648.14	2674.07		
18	1:07:08:17	1648.62	2674.03		
19	1:07:08:46	1649.10	2674.07		
20	1:07:09:14	1649.58	2674.10		
21	1:07:09:43	1650.06	2674.07		
22	1:07:10:12	1650.54	2674.07		
23	1:07:10:41	1651.02	2674.14		
24	1:07:11:10	1651.50	2674.10		
25	1:07:11:38	1651.98	2674.07		
26	1:07:12:07	1652.46	2674.03		
27	1:07:12:36	1652.94	2674.03		
28	1:07:13:05	1653.42	2673.99		
29	1:07:13:34	1653.90	2673.95		
30	1:07:14:02	1654.38	2673.91		
31	1:07:14:31	1654.86	2673.99		
32	1:07:15:00	1655.34	2673.95		
33	1:07:15:29	1655.82	2674.18		
34	1:07:15:58	1656.30	2674.54		
35	1:07:16:26	1656.78	2674.54		
36	1:07:16:55	1657.26	2674.54		
37	1:07:17:24	1657.74	2674.30		
38	1:07:17:53	1658.22	2676.46		
39	1:07:18:22	1658.70	2676.50		
40	1:07:18:50	1659.18	2676.10		
41	1:07:19:19	1659.66	2675.78		
42	1:07:19:48	1660.14	2675.18		
43	1:07:20:17	1660.62	2674.86		
44	1:07:20:46	1661.10	2674.78		
45	1:07:21:14	1661.58	2674.70		
46	1:07:21:43	1662.06	2674.58		
47	1:07:22:12	1662.54	2674.54		
48	1:07:22:41	1663.02	2674.50		
49	1:07:23:10	1663.50	2674.70		
50	1:07:23:38	1663.98	2674.58		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317238

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
51	1:07:24:07	1664.46	2674.62		
52	1:07:24:36	1664.94		191.72	
53	1:07:25:05	1665.42	2674.76		
54	1:07:25:34	1665.90	2675.08		
55	1:07:26:02	1666.38	2674.92		
56	1:07:26:31	1666.86	2674.80		
57	1:07:27:00	1667.34	2674.60		
58	1:07:27:29	1667.82	2674.48		
59	1:07:27:58	1668.30	2674.52		
60	1:07:28:26	1668.78	2674.48		
61	1:07:28:55	1669.26	2674.40		
62	1:07:29:24	1669.74	2674.48		
63	1:07:29:53	1670.22	2674.56		
64	1:07:30:22	1670.70	2674.48		
65	1:07:30:50	1671.18	2674.44		
66	1:07:31:19	1671.66	2674.48		
67	1:07:31:48	1672.14	2674.44		
68	1:07:32:17	1672.62	2674.44		
69	1:07:32:46	1673.10	2674.48		
70	1:07:33:14	1673.58	2674.48		
71	1:07:33:43	1674.06	2674.40		
72	1:07:34:12	1674.54	2674.48		
73	1:07:34:41	1675.02	2674.48		
74	1:07:35:10	1675.50	2674.32		
75	1:07:35:38	1675.98	2674.36		
76	1:07:36:07	1676.46	2674.40		
77	1:07:36:36	1676.94	2674.32		
78	1:07:37:05	1677.42	2674.00		
79	1:07:37:34	1677.90	2674.76		
80	1:07:38:02	1678.38	2674.88		
81	1:07:38:31	1678.86	2674.64		
82	1:07:39:00	1679.34	2674.60		
83	1:07:39:29	1679.82	2674.44		
84	1:07:39:58	1680.30	2674.32		
85	1:07:40:26	1680.78	2674.36		
86	1:07:40:55	1681.26	2674.32		
87	1:07:41:24	1681.74	2674.24		
88	1:07:41:53	1682.22	2674.16		
89	1:07:42:22	1682.70	2674.28		
90	1:07:42:50	1683.18	2674.24		
91	1:07:43:19	1683.66	2674.32		
92	1:07:43:48	1684.14	2674.24		
93	1:07:44:17	1684.62	2674.28		
94	1:07:44:46	1685.10	2674.32		
95	1:07:45:14	1685.58	2674.28		
96	1:07:45:43	1686.06	2674.28		
97	1:07:46:12	1686.54	2674.36		
98	1:07:46:41	1687.02	2674.32		
99	1:07:47:10	1687.50	2674.24		
100	1:07:47:38	1687.98	2674.24		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317239

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
101	1:07:48:07	1688.46	2674.16		
102	1:07:48:36	1688.94	2674.28		
103	1:07:49:05	1689.42		191.69	
104	1:07:49:34	1689.90	2674.32		
105	1:07:50:02	1690.38	2674.44		
106	1:07:50:31	1690.86	2674.28		
107	1:07:51:00	1691.34	2674.28		
108	1:07:51:29	1691.82	2674.16		
109	1:07:51:58	1692.30	2674.20		
110	1:07:52:26	1692.78	2674.20		
111	1:07:52:55	1693.26	2674.20		
112	1:07:53:24	1693.74	2674.16		
113	1:07:53:53	1694.22	2674.24		
114	1:07:54:22	1694.70	2674.28		
115	1:07:54:50	1695.18	2674.24		
116	1:07:55:19	1695.66	2674.32		
117	1:07:55:48	1696.14	2674.24		
118	1:07:56:17	1696.62	2674.28		
119	1:07:56:46	1697.10	2674.24		
120	1:07:57:14	1697.58	2674.20		
121	1:07:57:43	1698.06	2674.28		
122	1:07:58:12	1698.54	2674.24		
123	1:07:58:41	1699.02	2674.32		
124	1:07:59:10	1699.50	2674.24		
125	1:07:59:38	1699.98	2674.24		
126	1:08:00:07	1700.46	2674.24		
127	1:08:00:36	1700.94	2674.28		
128	1:08:01:05	1701.42	2674.56		
129	1:08:01:34	1701.90	2675.79		
130	1:08:02:02	1702.38	2675.55		
131	1:08:02:31	1702.86	2674.92		
132	1:08:03:00	1703.34	2674.96		
133	1:08:03:29	1703.82	2674.60		
134	1:08:03:58	1704.30	2674.44		
135	1:08:04:26	1704.78	2674.40		
136	1:08:04:55	1705.26	2674.32		
137	1:08:05:24	1705.74	2674.20		
138	1:08:05:53	1706.22	2674.20		
139	1:08:06:22	1706.70	2674.24		
140	1:08:06:50	1707.18	2674.24		
141	1:08:07:19	1707.66	2674.20		
142	1:08:07:48	1708.14	2674.20		
143	1:08:08:17	1708.62	2674.24		
144	1:08:08:46	1709.10	2674.24		
145	1:08:09:14	1709.58	2674.24		
146	1:08:09:43	1710.06	2674.24		
147	1:08:10:12	1710.54	2674.28		
148	1:08:10:41	1711.02	2674.28		
149	1:08:11:10	1711.50	2674.20		
150	1:08:11:38	1711.98	2674.28		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
151	1:08:12:07	1712.46	2674.08		
152	1:08:12:36	1712.94	2674.20		
153	1:08:13:05	1713.42	2674.20		
154	1:08:13:34	1713.90		191.73	
155	1:08:14:02	1714.38	2674.09		
156	1:08:14:31	1714.86	2674.21		
157	1:08:15:00	1715.34	2674.21		
158	1:08:15:29	1715.82	2674.17		
159	1:08:15:58	1716.30	2674.21		
160	1:08:16:26	1716.78	2674.21		
161	1:08:16:55	1717.26	2674.17		
162	1:08:17:24	1717.74	2674.17		
163	1:08:17:53	1718.22	2674.13		
164	1:08:18:22	1718.70	2674.09		
165	1:08:18:50	1719.18	2674.05		
166	1:08:19:19	1719.66	2673.93		
167	1:08:19:48	1720.14	2674.01		
168	1:08:20:17	1720.62	2674.45		
169	1:08:20:46	1721.10	2674.17		
170	1:08:21:14	1721.58	2674.25		
171	1:08:21:43	1722.06	2674.45		
172	1:08:22:12	1722.54	2674.25		
173	1:08:22:41	1723.02	2674.17		
174	1:08:23:10	1723.50	2674.37		
175	1:08:23:38	1723.98	2674.41		
176	1:08:24:07	1724.46	2674.80		
177	1:08:24:36	1724.94	2674.33		
178	1:08:25:05	1725.42	2674.25		
179	1:08:25:34	1725.90	2674.29		
180	1:08:26:02	1726.38	2674.17		
181	1:08:26:31	1726.86	2674.29		
182	1:08:27:00	1727.34	2674.13		
183	1:08:27:29	1727.82	2674.13		
184	1:08:27:58	1728.30	2674.13		
185	1:08:28:26	1728.78	2674.13		
186	1:08:28:55	1729.26	2674.05		
187	1:08:29:24	1729.74	2674.09		
188	1:08:29:53	1730.22	2674.09		
189	1:08:30:22	1730.70	2674.05		
190	1:08:30:50	1731.18	2673.93		
191	1:08:31:19	1731.66	2673.85		
192	1:08:31:48	1732.14	2673.89		
193	1:08:32:17	1732.62	2673.81		
194	1:08:32:46	1733.10	2673.89		
195	1:08:33:14	1733.58	2673.85		
196	1:08:33:43	1734.06	2673.93		
197	1:08:34:12	1734.54	2674.01		
198	1:08:34:41	1735.02	2673.65		
199	1:08:35:10	1735.50	2673.57		
200	1:08:35:38	1735.98	2673.65		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317341

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
201	1:08:36:07	1736.46	2673.57		
202	1:08:36:36	1736.94	2673.41		
203	1:08:37:05	1737.42	2673.65		
204	1:08:37:34	1737.90	2673.41		
205	1:08:38:02	1738.38		191.80	
206	1:08:38:31	1738.86	2673.58		
207	1:08:39:00	1739.34	2673.66		
208	1:08:39:29	1739.82	2673.74		
209	1:08:39:58	1740.30	2675.45		
210	1:08:40:26	1740.78	2674.62		
211	1:08:40:55	1741.26	2674.10		
212	1:08:41:24	1741.74	2673.90		
213	1:08:41:53	1742.22	2673.98		
214	1:08:42:22	1742.70	2673.98		
215	1:08:42:50	1743.18	2673.90		
216	1:08:43:19	1743.66	2673.98		
217	1:08:43:48	1744.14	2673.90		
218	1:08:44:17	1744.62	2673.78		
219	1:08:44:46	1745.10	2673.74		
220	1:08:45:14	1745.58	2673.78		
221	1:08:45:43	1746.06	2673.74		
222	1:08:46:12	1746.54	2673.78		
223	1:08:46:41	1747.02	2673.78		
224	1:08:47:10	1747.50	2673.78		
225	1:08:47:38	1747.98	2673.70		
226	1:08:48:07	1748.46	2673.66		
227	1:08:48:36	1748.94	2673.74		
228	1:08:49:05	1749.42	2673.70		
229	1:08:49:34	1749.90	2673.66		
230	1:08:50:02	1750.38	2673.66		
231	1:08:50:31	1750.86	2673.66		
232	1:08:51:00	1751.34	2673.78		
233	1:08:51:29	1751.82	2673.78		
234	1:08:51:58	1752.30	2673.74		
235	1:08:52:26	1752.78	2673.70		
236	1:08:52:55	1753.26	2673.70		
237	1:08:53:24	1753.74	2673.70		
238	1:08:53:53	1754.22	2673.66		
239	1:08:54:22	1754.70	2673.74		
240	1:08:54:50	1755.18	2673.70		
241	1:08:55:19	1755.66	2673.62		
242	1:08:55:48	1756.14	2673.70		
243	1:08:56:17	1756.62	2673.62		
244	1:08:56:46	1757.10	2673.62		
245	1:08:57:14	1757.58	2673.78		
246	1:08:57:43	1758.06	2673.74		
247	1:08:58:12	1758.54	2673.78		
248	1:08:58:41	1759.02	2673.74		
249	1:08:59:10	1759.50	2673.74		
250	1:08:59:38	1759.98	2673.70		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317342

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
251	1:09:00:07	1760.46	2673.66		
252	1:09:00:36	1760.94	2673.58		
253	1:09:01:05	1761.42	2673.50		
254	1:09:01:34	1761.90	2673.54		
255	1:09:02:02	1762.38	2673.62		
256	1:09:02:31	1762.86		191.87	
257	1:09:03:00	1763.34	2673.79		
258	1:09:03:29	1763.82	2673.79		
259	1:09:03:58	1764.30	2673.71		
260	1:09:04:26	1764.78	2673.67		
261	1:09:04:55	1765.26	2673.63		
262	1:09:05:24	1765.74	2673.51		
263	1:09:05:53	1766.22	2673.59		
264	1:09:06:22	1766.70	2673.51		
265	1:09:06:50	1767.18	2673.43		
266	1:09:07:19	1767.66	2673.43		
267	1:09:07:48	1768.14	2673.59		
268	1:09:08:17	1768.62	2673.63		
269	1:09:08:46	1769.10	2673.67		
270	1:09:09:14	1769.58	2673.63		
271	1:09:09:43	1770.06	2673.59		
272	1:09:10:12	1770.54	2673.63		
273	1:09:10:41	1771.02	2673.47		
274	1:09:11:10	1771.50	2673.59		
275	1:09:11:38	1771.98	2673.63		
276	1:09:12:07	1772.46	2673.59		
277	1:09:12:36	1772.94	2673.59		
278	1:09:13:05	1773.42	2673.63		
279	1:09:13:34	1773.90	2673.63		
280	1:09:14:02	1774.38	2673.63		
281	1:09:14:31	1774.86	2673.55		
282	1:09:15:00	1775.34	2673.43		
283	1:09:15:29	1775.82	2673.47		
284	1:09:15:58	1776.30	2673.43		
285	1:09:16:26	1776.78	2673.51		
286	1:09:16:55	1777.26	2673.83		
287	1:09:17:24	1777.74	2674.23		
288	1:09:17:53	1778.22	2673.87		
289	1:09:18:22	1778.70	2673.63		
290	1:09:18:50	1779.18	2673.51		
291	1:09:19:19	1779.66	2673.59		
292	1:09:19:48	1780.14	2673.71		
293	1:09:20:17	1780.62	2673.75		
294	1:09:20:46	1781.10	2673.67		
295	1:09:21:14	1781.58	2673.67		
296	1:09:21:43	1782.06	2673.63		
297	1:09:22:12	1782.54	2673.71		
298	1:09:22:41	1783.02	2673.83		
299	1:09:23:10	1783.50	2673.79		
300	1:09:23:38	1783.98	2673.79		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317343

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
301	1:09:24:07	1784.46	2673.79		
302	1:09:24:36	1784.94	2673.91		
303	1:09:25:05	1785.42	2673.87		
304	1:09:25:34	1785.90	2673.87		
305	1:09:26:02	1786.38	2673.83		
306	1:09:26:31	1786.86	2673.83		
307	1:09:27:00	1787.34		191.93	
308	1:09:27:29	1787.82	2673.68		
309	1:09:27:58	1788.30	2673.76		
310	1:09:28:26	1788.78	2673.80		
311	1:09:28:55	1789.26	2673.84		
312	1:09:29:24	1789.74	2673.92		
313	1:09:29:53	1790.22	2674.00		
314	1:09:30:22	1790.70	2674.04		
315	1:09:30:50	1791.18	2673.92		
316	1:09:31:19	1791.66	2673.96		
317	1:09:31:48	1792.14	2673.92		
318	1:09:32:17	1792.62	2673.88		
319	1:09:32:46	1793.10	2673.92		
320	1:09:33:14	1793.58	2674.00		
321	1:09:33:43	1794.06	2674.08		
322	1:09:34:12	1794.54	2673.96		
323	1:09:34:41	1795.02	2674.04		
324	1:09:35:10	1795.50	2674.00		
325	1:09:35:38	1795.98	2674.08		
326	1:09:36:07	1796.46	2674.12		
327	1:09:36:36	1796.94	2673.92		
328	1:09:37:05	1797.42	2673.84		
329	1:09:37:34	1797.90	2673.92		
330	1:09:38:02	1798.38	2673.96		
331	1:09:38:31	1798.86	2674.04		
332	1:09:39:00	1799.34	2674.00		
333	1:09:39:29	1799.82	2674.00		
334	1:09:39:58	1800.30	2673.96		
335	1:09:40:26	1800.78	2673.96		
336	1:09:40:55	1801.26	2674.08		
337	1:09:41:24	1801.74	2674.00		
338	1:09:41:53	1802.22	2673.92		
339	1:09:42:22	1802.70	2673.92		
340	1:09:42:50	1803.18	2674.04		
341	1:09:43:19	1803.66	2673.64		
342	1:09:43:48	1804.14	2673.96		
343	1:09:44:17	1804.62	2674.20		
344	1:09:44:46	1805.10	2674.28		
345	1:09:45:14	1805.58	2674.32		
346	1:09:45:43	1806.06	2674.28		
347	1:09:46:12	1806.54	2674.40		
348	1:09:46:41	1807.02	2674.40		
349	1:09:47:10	1807.50	2674.36		
350	1:09:47:38	1807.98	2674.32		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
351	1:09:48:07	1808.46	2674.28		
352	1:09:48:36	1808.94	2674.24		
353	1:09:49:05	1809.42	2674.32		
354	1:09:49:34	1809.90	2674.48		
355	1:09:50:02	1810.38	2674.44		
356	1:09:50:31	1810.86	2674.44		
357	1:09:51:00	1811.34	2674.36		
358	1:09:51:29	1811.82		191.98	
359	1:09:51:58	1812.30	2674.37		
360	1:09:52:26	1812.78	2674.29		
361	1:09:52:55	1813.26	2674.25		
362	1:09:53:24	1813.74	2674.33		
363	1:09:53:53	1814.22	2674.25		
364	1:09:54:22	1814.70	2674.33		
365	1:09:54:50	1815.18	2674.21		
366	1:09:55:19	1815.66	2674.33		
367	1:09:55:48	1816.14	2674.25		
368	1:09:56:17	1816.62	2674.25		
369	1:09:56:46	1817.10	2674.21		
370	1:09:57:14	1817.58	2674.29		
371	1:09:57:43	1818.06	2674.29		
372	1:09:58:12	1818.54	2674.33		
373	1:09:58:41	1819.02	2674.29		
374	1:09:59:10	1819.50	2674.21		
375	1:09:59:38	1819.98	2674.21		
376	1:10:00:07	1820.46	2674.17		
377	1:10:00:36	1820.94	2674.21		
378	1:10:01:05	1821.42	2674.29		
379	1:10:01:34	1821.90	2674.21		
380	1:10:02:02	1822.38	2674.17		
381	1:10:02:31	1822.86	2674.13		
382	1:10:03:00	1823.34	2674.17		
383	1:10:03:29	1823.82	2672.58		
384	1:10:03:58	1824.30	2672.70		
385	1:10:04:26	1824.78	2673.37		
386	1:10:04:55	1825.26	2673.49		
387	1:10:05:24	1825.74	2673.65		
388	1:10:05:53	1826.22	2673.73		
389	1:10:06:22	1826.70	2673.81		
390	1:10:06:50	1827.18	2673.81		
391	1:10:07:19	1827.66	2673.85		
392	1:10:07:48	1828.14	2673.89		
393	1:10:08:17	1828.62	2623.80		
394	1:10:08:46	1829.10	2654.05		
395	1:10:09:14	1829.58	2661.46		
396	1:10:09:43	1830.06	2664.37		
397	1:10:10:12	1830.54	2665.25		
398	1:10:10:41	1831.02	2666.36		
399	1:10:11:10	1831.50	2671.22		
400	1:10:11:38	1831.98	2672.22		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317345

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
401	1:10:12:07	1832.46	2672.46		
402	1:10:12:36	1832.94	2672.62		
403	1:10:13:05	1833.42	2672.70		
404	1:10:13:34	1833.90	2672.78		
405	1:10:14:02	1834.38	2672.74		
406	1:10:14:31	1834.86	2672.66		
407	1:10:15:00	1835.34	2672.70		
408	1:10:15:29	1835.82	2672.81		
409	1:10:15:58	1836.30		192.12	
410	1:10:16:26	1836.78	2672.96		
411	1:10:16:55	1837.26	2673.00		
412	1:10:17:24	1837.74	2673.00		
413	1:10:17:53	1838.22	2673.12		
414	1:10:18:22	1838.70	2673.12		
415	1:10:18:50	1839.18	2673.16		
416	1:10:19:19	1839.66	2673.16		
417	1:10:19:48	1840.14	2673.24		
418	1:10:20:17	1840.62	2673.32		
419	1:10:20:46	1841.10	2673.36		
420	1:10:21:14	1841.58	2673.40		
421	1:10:21:43	1842.06	2673.44		
422	1:10:22:12	1842.54	2673.36		
423	1:10:22:41	1843.02	2673.32		
424	1:10:23:10	1843.50	2673.36		
425	1:10:23:38	1843.98	2673.36		
426	1:10:24:07	1844.46	2673.40		
427	1:10:24:36	1844.94	2673.36		
428	1:10:25:05	1845.42	2673.32		
429	1:10:25:34	1845.90	2673.44		
430	1:10:26:02	1846.38	2673.56		
431	1:10:26:31	1846.86	2673.48		
432	1:10:27:00	1847.34	2673.56		
433	1:10:27:29	1847.82	2673.56		
434	1:10:27:58	1848.30	2673.52		
435	1:10:28:26	1848.78	2673.64		
436	1:10:28:55	1849.26	2673.68		
437	1:10:29:24	1849.74	2673.60		
438	1:10:29:53	1850.22	2673.56		
439	1:10:30:22	1850.70	2673.56		
440	1:10:30:50	1851.18	2673.60		
441	1:10:31:19	1851.66	2673.52		
442	1:10:31:48	1852.14	2673.56		
443	1:10:32:17	1852.62	2673.64		
444	1:10:32:46	1853.10	2673.60		
445	1:10:33:14	1853.58	2673.64		
446	1:10:33:43	1854.06	2673.56		
447	1:10:34:12	1854.54	2673.52		
448	1:10:34:41	1855.02	2673.44		
449	1:10:35:10	1855.50	2673.60		
450	1:10:35:38	1855.98	2673.48		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317346

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 617/5
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
451	1:10:36:07	1856.46	2673.60		
452	1:10:36:36	1856.94	2673.52		
453	1:10:37:05	1857.42	2673.64		
454	1:10:37:34	1857.90	2673.60		
455	1:10:38:02	1858.38	2673.52		
456	1:10:38:31	1858.86	2673.60		
457	1:10:39:00	1859.34	2673.44		
458	1:10:39:29	1859.82	2673.56		
459	1:10:39:58	1860.30	2673.68		
460	1:10:40:26	1860.78		192.15	
461	1:10:40:55	1861.26	2673.56		
462	1:10:41:24	1861.74	2673.56		
463	1:10:41:53	1862.22	2673.64		
464	1:10:42:22	1862.70	2673.52		
465	1:10:42:50	1863.18	2673.52		
466	1:10:43:19	1863.66	2673.60		
467	1:10:43:48	1864.14	2673.52		
468	1:10:44:17	1864.62	2673.52		
469	1:10:44:46	1865.10	2673.52		
470	1:10:45:14	1865.58	2673.52		
471	1:10:45:43	1866.06	2673.56		
472	1:10:46:12	1866.54	2673.68		
473	1:10:46:41	1867.02	2673.60		
474	1:10:47:10	1867.50	2673.60		
475	1:10:47:38	1867.98	2673.60		
476	1:10:48:07	1868.46	2673.72		
477	1:10:48:36	1868.94	2673.76		
478	1:10:49:05	1869.42	2673.64		
479	1:10:49:34	1869.90	2673.64		
480	1:10:50:02	1870.38	2673.64		
481	1:10:50:31	1870.86	2673.64		
482	1:10:51:00	1871.34	2673.72		
483	1:10:51:29	1871.82	2673.68		
484	1:10:51:58	1872.30	2673.60		
485	1:10:52:26	1872.78	2673.68		
486	1:10:52:55	1873.26	2673.68		
487	1:10:53:24	1873.74	2673.76		
488	1:10:53:53	1874.22	2673.76		
489	1:10:54:22	1874.70	2673.64		
490	1:10:54:50	1875.18	2673.64		
491	1:10:55:19	1875.66	2604.90		
492	1:10:55:48	1876.14	2649.66		
493	1:10:56:17	1876.62	2644.77		
494	1:10:56:46	1877.10	2645.56		
495	1:10:57:14	1877.58	2646.20		
496	1:10:57:43	1878.06	2663.16		
497	1:10:58:12	1878.54	2669.02		
498	1:10:58:41	1879.02	2670.05		
499	1:10:59:10	1879.50	2670.37		
500	1:10:59:38	1879.98	2671.65		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317347

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
501	1:11:00:40	1881.00		192.29	
502	1:11:01:41	1882.02	2672.59		
503	1:11:02:42	1883.04	2672.79		
504	1:11:03:43	1884.06	2672.79		
505	1:11:04:44	1885.08	2672.71		
506	1:11:05:46	1886.10	2672.71		
507	1:11:06:47	1887.12	2673.03		
508	1:11:07:48	1888.14	2673.03		
509	1:11:08:49	1889.16	2673.15		
510	1:11:09:50	1890.18	2673.31		
511	1:11:10:52	1891.20	2673.15		
512	1:11:11:53	1892.22	2673.15		
513	1:11:12:54	1893.24	2673.15		
514	1:11:13:55	1894.26	2673.07		
515	1:11:14:56	1895.28	2673.19		
516	1:11:15:58	1896.30	2673.19		
517	1:11:16:59	1897.32	2673.35		
518	1:11:18:00	1898.34	2640.85		
519	1:11:19:01	1899.36	2666.77		
520	1:11:20:02	1900.38	2672.07		
521	1:11:21:04	1901.40	2672.63		
522	1:11:22:05	1902.42	2672.79		
523	1:11:23:06	1903.44	2673.11		
524	1:11:24:07	1904.46	2673.55		
525	1:11:25:08	1905.48	2674.14		
526	1:11:26:10	1906.50	2674.46		
527	1:11:27:11	1907.52	2674.58		
528	1:11:28:12	1908.54	2674.78		
529	1:11:29:13	1909.56	2675.02		
530	1:11:30:14	1910.58	2675.10		
531	1:11:31:16	1911.60	2675.34		
532	1:11:32:17	1912.62	2675.38		
533	1:11:33:18	1913.64	2675.70		
534	1:11:34:19	1914.66	2675.70		
535	1:11:35:20	1915.68	2675.74		
536	1:11:36:22	1916.70	2675.82		
537	1:11:37:23	1917.72	2675.90		
538	1:11:38:24	1918.74	2676.02		
539	1:11:39:25	1919.76	2676.18		
540	1:11:40:26	1920.78	2676.21		
541	1:11:41:28	1921.80	2676.33		
542	1:11:42:29	1922.82	2676.41		
543	1:11:43:30	1923.84	2676.06		
544	1:11:44:31	1924.86	2674.98		
545	1:11:45:32	1925.88	2674.70		
546	1:11:46:34	1926.90	2674.50		
547	1:11:47:35	1927.92	2674.46		
548	1:11:48:36	1928.94	2675.10		
549	1:11:49:37	1929.96	2675.30		
550	1:11:50:38	1930.98	2675.46		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
551	1:11:51:40	1932.00	2675.54		
552	1:11:52:41	1933.02		192.37	
553	1:11:53:42	1934.04	2675.55		
554	1:11:54:43	1935.06	2674.87		
555	1:11:55:44	1936.08	2674.48		
556	1:11:56:46	1937.10	2674.99		
557	1:11:57:47	1938.12	2674.40		
558	1:11:58:48	1939.14	2674.00		
559	1:11:59:49	1940.16	2673.96		
560	1:12:00:50	1941.18	2674.79		
561	1:12:01:52	1942.20	2674.91		
562	1:12:02:53	1943.22	2674.28		
563	1:12:03:54	1944.24	2674.75		
564	1:12:04:55	1945.26	2674.71		
565	1:12:05:56	1946.28	2674.79		
566	1:12:06:58	1947.30	2674.87		
567	1:12:07:59	1948.32	2675.31		
568	1:12:09:00	1949.34	2675.11		
569	1:12:10:01	1950.36	2675.31		
570	1:12:11:02	1951.38	2675.11		
571	1:12:12:04	1952.40	2675.11		
572	1:12:13:05	1953.42	2675.19		
573	1:12:14:06	1954.44	2674.71		
574	1:12:15:07	1955.46	2674.56		
575	1:12:16:08	1956.48	2674.56		
576	1:12:17:10	1957.50	2674.64		
577	1:12:18:11	1958.52	2674.75		
578	1:12:19:12	1959.54	2674.87		
579	1:12:20:13	1960.56	2674.64		
580	1:12:21:14	1961.58	2674.56		
	1:12:22:16				OPEN CHOKE MANIFOLD @ 8/64"
581	1:12:22:16	1962.60	2486.89		
582	1:12:23:17	1963.62	2463.81		
583	1:12:24:18	1964.64	2457.76		
584	1:12:25:19	1965.66	2456.97		
585	1:12:26:20	1966.68	2455.86		
586	1:12:27:22	1967.70	2452.42		
587	1:12:28:23	1968.72	2453.92		
588	1:12:29:24	1969.74	2456.57		
589	1:12:30:25	1970.76	2454.48		
590	1:12:31:26	1971.78	2447.24		
591	1:12:32:28	1972.80	2441.38		
592	1:12:33:29	1973.82	2443.87		
593	1:12:34:30	1974.84	2433.28		
594	1:12:35:31	1975.86	2426.28		
595	1:12:36:32	1976.88	2423.51		
596	1:12:37:34	1977.90	2425.25		
597	1:12:38:35	1978.92	2426.36		
598	1:12:39:36	1979.94	2427.03		
599	1:12:40:37	1980.96	2422.01		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
600	1:12:41:38	1981.98	2423.71		
601	1:12:42:40	1983.00	2429.44		
602	1:12:43:41	1984.02	2434.42		
603	1:12:44:42	1985.04		196.16	
604	1:12:45:43	1986.06	2429.94		
605	1:12:46:44	1987.08	2428.12		
606	1:12:47:46	1988.10	2425.28		
607	1:12:48:47	1989.12	2421.64		
608	1:12:49:48	1990.14	2415.40		
609	1:12:50:49	1991.16	2414.69		
610	1:12:51:50	1992.18	2412.32		
611	1:12:52:52	1993.20	2398.70		
612	1:12:53:53	1994.22	2394.95		
613	1:12:54:54	1995.24	2391.75		
614	1:12:55:55	1996.26	2389.58		
615	1:12:56:56	1997.28	2390.88		
616	1:12:57:58	1998.30	2391.35		
617	1:12:58:59	1999.32	2395.89		
618	1:13:00:00	2000.34	2390.56		
619	1:13:01:01	2001.36	2385.28		
620	1:13:02:02	2002.38	2391.67		
621	1:13:03:04	2003.40	2392.70		
622	1:13:04:05	2004.42	2392.22		
623	1:13:05:06	2005.44	2395.66		
624	1:13:06:07	2006.46	2396.05		
625	1:13:07:08	2007.48	2388.79		
626	1:13:08:10	2008.50	2383.90		
	1:13:09:11				GAS CUT DIESEL TO SURFACE
627	1:13:09:11	2009.52	2383.26		
628	1:13:10:12	2010.54	2387.01		
629	1:13:11:13	2011.56	2388.63		
630	1:13:12:14	2012.58	2388.39		
631	1:13:13:16	2013.60	2388.12		
632	1:13:14:17	2014.62	2389.42		
	1:13:15:18				GAS TO SURFACE.
633	1:13:15:18	2015.64	2392.85		
634	1:13:16:19	2016.66	2385.36		
635	1:13:17:20	2017.68	2365.43		
636	1:13:18:22	2018.70	2357.51		
	1:13:19:23				CHOKE MANIFOLD PLUGGING
637	1:13:19:23	2019.72	2348.24		
638	1:13:20:24	2020.74	2340.12		
639	1:13:21:25	2021.76	2340.52		
640	1:13:22:26	2022.78	2336.11		
641	1:13:23:28	2023.80	2328.58		
642	1:13:24:29	2024.82	2325.59		
643	1:13:25:30	2025.84	2341.82		
644	1:13:26:31	2026.86	2367.33		CHOKE CHANGE 16/64"
645	1:13:27:32	2027.88	2390.60		
646	1:13:28:34	2028.90	2412.64		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317250

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
647	1:13:29:35	2029.92	2432.31		
648	1:13:30:36	2030.94	2445.52		
649	1:13:31:37	2031.96	2456.55		
650	1:13:32:38	2032.98	2468.74		
651	1:13:33:40	2034.00	2478.19		
652	1:13:34:41	2035.02	2489.36		
653	1:13:35:42	2036.04	2497.64		
654	1:13:36:43	2037.06		200.74	
655	1:13:37:44	2038.08	2517.21		
656	1:13:38:46	2039.10	2525.25		
657	1:13:39:47	2040.12	2530.52		
658	1:13:40:48	2041.14	2534.53		
659	1:13:41:49	2042.16	2539.36		
660	1:13:42:50	2043.18	2541.35		
661	1:13:43:52	2044.20	2542.14		
662	1:13:44:53	2045.22	2543.09		
663	1:13:45:54	2046.24	2544.56		
664	1:13:46:55	2047.26	2546.78		
665	1:13:47:56	2048.28	2548.01		
666	1:13:48:58	2049.30	2514.47		
667	1:13:49:59	2050.32	2449.93		
668	1:13:51:00	2051.34	2397.35		
	1:13:52:01				CLOSE CHOKE MANIFOLD
669	1:13:52:01	2052.36	2422.26		
	1:13:53:02				OPEN MANIFOLD @ 16/64"CHOKE
670	1:13:53:02	2053.38	2433.72		
671	1:13:54:04	2054.40	2445.66		
672	1:13:55:05	2055.42	2450.28		
673	1:13:56:06	2056.44	2452.73		
674	1:13:57:07	2057.46	2453.52		
675	1:13:58:08	2058.48	2457.12		
676	1:13:59:10	2059.50	2463.13		
677	1:14:00:11	2060.52	2472.55		
678	1:14:01:12	2061.54	2482.68		
	1:14:02:13				CHOKE CHANGE.32/64"
679	1:14:02:13	2062.56	2391.23		
	1:14:03:14				GAS CUT H2O TO SURFACE
680	1:14:03:14	2063.58	2318.64		
681	1:14:04:16	2064.60	2255.36		
682	1:14:05:17	2065.62	2212.26		
683	1:14:06:18	2066.64	2170.79		
684	1:14:07:19	2067.66	2118.18		
685	1:14:08:20	2068.68	2079.29		
686	1:14:09:22	2069.70	2062.81		
687	1:14:10:23	2070.72	2042.72		
688	1:14:11:24	2071.74	2020.92		
689	1:14:12:25	2072.76	1996.37		
690	1:14:13:26	2073.78	1989.24		
	1:14:14:28				CHOKE CHANGE 28/64"
691	1:14:14:28	2074.80	1984.92		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317251

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
692	1:14:15:29	2075.82	1965.88		
693	1:14:16:30	2076.84	1969.15		
	1:14:17:31				CHOKE CHANGE 24/64"
694	1:14:17:31	2077.86	1994.11		
695	1:14:18:32	2078.88	2004.86		
696	1:14:19:34	2079.90	2007.59		
697	1:14:20:35	2080.92	1997.22		
698	1:14:21:36	2081.94	1989.01		
699	1:14:22:37	2082.96	1993.33		
700	1:14:23:38	2083.98	2008.64		
701	1:14:24:40	2085.00	2012.93		
702	1:14:25:41	2086.02	2008.29		
703	1:14:26:42	2087.04	2018.66		
704	1:14:27:43	2088.06	2023.65		
705	1:14:28:44	2089.08		201.83	
706	1:14:29:46	2090.10	2069.43		
707	1:14:30:47	2091.12	2120.07		
708	1:14:31:48	2092.14	2170.56		
709	1:14:32:49	2093.16	2218.19		
710	1:14:33:50	2094.18	2213.68		
	1:14:34:52				CHOKE CHANGE 32/64
711	1:14:34:52	2095.20	2175.19		
712	1:14:35:53	2096.22	2154.08		
713	1:14:36:54	2097.24	2129.81		
714	1:14:37:55	2098.26	2106.58		
715	1:14:38:56	2099.28	2089.04		
716	1:14:39:58	2100.30	2087.32		
717	1:14:40:59	2101.32	2082.75		
718	1:14:42:00	2102.34	2079.55		
719	1:14:43:01	2103.36	2068.10		
	1:14:44:02				CHOKE CHANGE 40/64"
720	1:14:44:02	2104.38	2058.27		
721	1:14:45:04	2105.40	2049.96		
722	1:14:46:05	2106.42	2041.61		
723	1:14:47:06	2107.44	2047.15		
724	1:14:48:07	2108.46	2044.14		
725	1:14:49:08	2109.48	2047.97		
726	1:14:50:10	2110.50	2060.14		
727	1:14:51:11	2111.52	2065.14		
728	1:14:52:12	2112.54	2061.19		
729	1:14:53:13	2113.56	2063.19		
730	1:14:54:14	2114.58	2069.63		
731	1:14:55:16	2115.60	2075.09		
732	1:14:56:17	2116.62	2073.80		
733	1:14:57:18	2117.64	2072.28		
734	1:14:58:19	2118.66	2078.45		
735	1:14:59:20	2119.68	2074.20		
736	1:15:00:07	2120.46		202.80	
737	1:15:00:36	2120.94	2066.81		
738	1:15:01:05	2121.42	2066.89		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
739	1:15:01:34	2121.90	2062.16		
740	1:15:02:02	2122.38	2060.02		
741	1:15:02:31	2122.86	2057.25		
742	1:15:03:00	2123.34	2050.81		
743	1:15:03:29	2123.82	2051.82		
744	1:15:03:58	2124.30	2054.32		
745	1:15:04:26	2124.78	2055.65		
746	1:15:04:55	2125.26	2057.64		
747	1:15:05:24	2125.74	2055.80		
748	1:15:05:53	2126.22	2051.78		
749	1:15:06:22	2126.70	2054.24		
750	1:15:06:50	2127.18	2059.20		
751	1:15:07:19	2127.66	2070.09		
752	1:15:07:48	2128.14	2076.88		
753	1:15:08:17	2128.62	2077.62		
754	1:15:08:46	2129.10	2075.91		
755	1:15:09:14	2129.58	2074.27		
756	1:15:09:43	2130.06	2074.58		
757	1:15:10:12	2130.54	2075.28		
758	1:15:10:41	2131.02	2071.30		
759	1:15:11:10	2131.50	2070.13		
760	1:15:11:38	2131.98	2069.31		
761	1:15:12:07	2132.46	2072.00		
762	1:15:12:36	2132.94	2074.70		
763	1:15:13:05	2133.42	2075.91		
764	1:15:13:34	2133.90	2075.44		
765	1:15:14:02	2134.38	2076.30		
766	1:15:14:31	2134.86	2075.91		
767	1:15:15:00	2135.34	2075.55		
768	1:15:15:29	2135.82	2073.72		
769	1:15:15:58	2136.30	2068.99		
770	1:15:16:26	2136.78	2065.83		
771	1:15:16:55	2137.26	2065.17		
772	1:15:17:24	2137.74	2067.98		
773	1:15:17:53	2138.22	2068.57		
774	1:15:18:22	2138.70	2068.57		
775	1:15:18:50	2139.18	2065.83		
776	1:15:19:19	2139.66	2062.75		
777	1:15:19:48	2140.14	2062.36		
778	1:15:20:17	2140.62	2062.52		
779	1:15:20:46	2141.10	2067.28		
780	1:15:21:14	2141.58	2074.30		
781	1:15:21:43	2142.06	2079.11		
782	1:15:22:12	2142.54	2081.02		
783	1:15:22:41	2143.02	2081.45		
784	1:15:23:10	2143.50	2080.67		
785	1:15:23:38	2143.98	2081.45		
786	1:15:24:07	2144.46	2085.36		
787	1:15:24:36	2144.94	2088.01		
788	1:15:25:05	2145.42	2087.11		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
789	1:15:25:34	2145.90	2087.19		
790	1:15:26:02	2146.38	2087.47		
791	1:15:26:31	2146.86	2087.04		
792	1:15:27:00	2147.34	2088.79		
793	1:15:27:29	2147.82	2090.36		
794	1:15:27:58	2148.30	2091.41		
795	1:15:28:26	2148.78	2084.97		
796	1:15:28:55	2149.26	2081.37		
797	1:15:29:24	2149.74	2079.97		
798	1:15:29:53	2150.22	2081.88		
799	1:15:30:22	2150.70	2083.52		
800	1:15:30:50	2151.18	2084.61		
801	1:15:31:19	2151.66	2084.11		
802	1:15:31:48	2152.14	2086.33		
803	1:15:32:17	2152.62	2084.93		
804	1:15:32:46	2153.10	2081.96		
805	1:15:33:14	2153.58	2080.16		
806	1:15:33:43	2154.06	2078.68		
807	1:15:34:12	2154.54	2062.32		
808	1:15:34:41	2155.02	2023.82		
	1:15:35:10				CHOKE CHANGE 58/64"
809	1:15:35:10	2155.50	1981.32		
810	1:15:35:38	2155.98	1951.21		
811	1:15:36:07	2156.46	1930.95		
812	1:15:36:36	2156.94	1903.61		
813	1:15:37:05	2157.42	1878.96		
814	1:15:37:34	2157.90	1867.60		
815	1:15:38:02	2158.38	1861.47		
	1:15:38:31				CHOKE CHANGE 48/64"
816	1:15:38:31	2158.86	1848.83		
817	1:15:39:00	2159.34	1841.86		
818	1:15:39:29	2159.82	1838.53		
819	1:15:39:58	2160.30	1821.60		
820	1:15:40:26	2160.78	1797.41		
821	1:15:40:55	2161.26	1793.34		
822	1:15:41:24	2161.74	1796.32		
823	1:15:41:53	2162.22	1799.23		
824	1:15:42:22	2162.70	1788.12		
825	1:15:42:50	2163.18	1786.11		
826	1:15:43:19	2163.66	1807.12		
	1:15:43:48				CHOKE CHANGE 46/64"
827	1:15:43:48	2164.14	1826.71		
828	1:15:44:17	2164.62	1826.21		
829	1:15:44:46	2165.10	1802.75		
830	1:15:45:14	2165.58	1820.82		
831	1:15:45:43	2166.06	1822.95		
832	1:15:46:12	2166.54	1830.08		
833	1:15:46:41	2167.02	1837.79		
834	1:15:47:10	2167.50	1851.20		
835	1:15:47:38	2167.98	1866.16		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
836	1:15:48:07	2168.46	1869.26		
837	1:15:48:36	2168.94		203.13	
838	1:15:49:05	2169.42	1887.02		
839	1:15:49:34	2169.90	1897.27		
840	1:15:50:02	2170.38	1902.82		
841	1:15:50:31	2170.86	1903.15		
842	1:15:51:00	2171.34	1893.08		
843	1:15:51:29	2171.82	1897.50		
844	1:15:51:58	2172.30	1908.69		
845	1:15:52:26	2172.78	1906.39		
846	1:15:52:55	2173.26	1906.74		
847	1:15:53:24	2173.74	1905.42		
848	1:15:53:53	2174.22	1920.03		
849	1:15:54:22	2174.70	1922.09		
850	1:15:54:50	2175.18	1915.60		
851	1:15:55:19	2175.66	1915.60		
852	1:15:55:48	2176.14	1911.52		
853	1:15:56:17	2176.62	1907.21		
854	1:15:56:46	2177.10	1918.39		
855	1:15:57:14	2177.58	1927.95		
856	1:15:57:43	2178.06	1927.52		
857	1:15:58:12	2178.54	1928.81		
858	1:15:58:41	2179.02	1936.42		
859	1:15:59:10	2179.50	1945.95		
860	1:15:59:38	2179.98	1952.71		
861	1:16:00:07	2180.46	1956.72		
862	1:16:00:36	2180.94	1954.00		
863	1:16:01:05	2181.42	1948.01		
864	1:16:01:34	2181.90	1950.30		
865	1:16:02:02	2182.38	1958.70		
866	1:16:02:31	2182.86	1966.68		
867	1:16:03:00	2183.34	1952.75		
868	1:16:03:29	2183.82	1947.54		
869	1:16:03:58	2184.30	1944.28		
870	1:16:04:26	2184.78	1944.78		
871	1:16:04:55	2185.26	1952.83		
872	1:16:05:24	2185.74	1955.16		
	1:16:05:53				OPEN TO SEPARATER.
873	1:16:05:53	2186.22	1950.65		
874	1:16:06:22	2186.70	1944.08		
875	1:16:06:50	2187.18	1945.68		
876	1:16:07:19	2187.66	1945.02		
877	1:16:07:48	2188.14	1946.96		
878	1:16:08:17	2188.62	1945.64		
879	1:16:08:46	2189.10	1931.95		
880	1:16:09:14	2189.58	1938.45		
881	1:16:09:43	2190.06	1948.59		
882	1:16:10:12	2190.54	1956.29		
883	1:16:10:41	2191.02	1951.24		
884	1:16:11:10	2191.50	1947.43		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

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HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
885	1:16:11:38	2191.98	1945.60		
886	1:16:12:07	2192.46	1946.18		
887	1:16:12:36	2192.94	1946.26		
888	1:16:13:05	2193.42	1944.67		
889	1:16:13:34	2193.90	1944.04		
890	1:16:14:02	2194.38	1942.45		
891	1:16:14:31	2194.86	1941.59		
892	1:16:15:00	2195.34	1937.59		
893	1:16:15:29	2195.82	1929.62		
894	1:16:15:58	2196.30	1924.81		
895	1:16:16:26	2196.78	1926.24		
896	1:16:16:55	2197.26	1929.08		
897	1:16:17:24	2197.74	1932.50		
898	1:16:17:53	2198.22	1941.91		
899	1:16:18:22	2198.70	1946.69		
900	1:16:18:50	2199.18	1944.74		
901	1:16:19:19	2199.66	1941.21		
902	1:16:19:48	2200.14	1935.88		
903	1:16:20:17	2200.62	1936.31		
904	1:16:20:46	2201.10	1938.56		
905	1:16:21:14	2201.58	1939.65		
906	1:16:21:43	2202.06	1947.62		
907	1:16:22:12	2202.54	1949.60		
908	1:16:22:41	2203.02	1954.31		
909	1:16:23:10	2203.50	1981.19		
910	1:16:23:38	2203.98	1984.43		
911	1:16:24:07	2204.46	1981.58		
912	1:16:24:36	2204.94	1965.28		
913	1:16:25:05	2205.42	1971.89		
914	1:16:25:34	2205.90	1994.00		
915	1:16:26:02	2206.38	1997.74		
916	1:16:26:31	2206.86	1998.41		
917	1:16:27:00	2207.34	2010.01		
918	1:16:27:29	2207.82	2017.81		
919	1:16:27:58	2208.30	1997.55		
920	1:16:28:26	2208.78	1985.87		
921	1:16:28:55	2209.26	1977.15		
922	1:16:29:24	2209.74	1974.23		
923	1:16:29:53	2210.22	1976.02		
924	1:16:30:22	2210.70	1983.53		
925	1:16:30:50	2211.18	1985.67		
926	1:16:31:19	2211.66	1981.74		
927	1:16:31:48	2212.14	1975.16		
928	1:16:32:17	2212.62	1973.18		
929	1:16:32:46	2213.10	1971.62		
930	1:16:33:14	2213.58	1974.19		
931	1:16:33:43	2214.06	1981.27		
932	1:16:34:12	2214.54	1981.97		
933	1:16:34:41	2215.02	1982.75		
934	1:16:35:10	2215.50	1985.71		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
935	1:16:35:38	2215.98	1988.05		
936	1:16:36:07	2216.46	1983.10		
937	1:16:36:36	2216.94	1968.27		
938	1:16:37:05	2217.42		204.47	
939	1:16:37:34	2217.90	1944.00		
940	1:16:38:02	2218.38	1928.57		
941	1:16:38:31	2218.86	1919.13		
942	1:16:39:00	2219.34	1922.63		
943	1:16:39:29	2219.82	1929.89		
944	1:16:39:58	2220.30	1951.58		
945	1:16:40:26	2220.78	1947.30		
946	1:16:40:55	2221.26	1943.61		
947	1:16:41:24	2221.74	1973.29		
948	1:16:41:53	2222.22	1985.82		
949	1:16:42:22	2222.70	1982.47		
950	1:16:42:50	2223.18	1976.59		
951	1:16:43:19	2223.66	1990.45		
952	1:16:43:48	2224.14	2015.57		
953	1:16:44:17	2224.62	2031.13		
954	1:16:44:46	2225.10	2039.70		
955	1:16:45:14	2225.58	2045.28		
956	1:16:45:43	2226.06	2047.35		
957	1:16:46:12	2226.54	2047.82		
958	1:16:46:41	2227.02	2046.22		
959	1:16:47:10	2227.50	2049.34		
960	1:16:47:38	2227.98	2054.68		
961	1:16:48:07	2228.46	2058.31		
962	1:16:48:36	2228.94	2053.75		
963	1:16:49:05	2229.42	2045.79		
964	1:16:49:34	2229.90	2042.16		
965	1:16:50:02	2230.38	2026.57		
966	1:16:50:31	2230.86	2009.93		
967	1:16:51:00	2231.34	2007.16		
968	1:16:51:29	2231.82	2006.58		
969	1:16:51:58	2232.30	2020.25		
970	1:16:52:26	2232.78	2030.62		
971	1:16:52:55	2233.26	2026.29		
972	1:16:53:24	2233.74	2013.47		
973	1:16:53:53	2234.22	2014.37		
974	1:16:54:22	2234.70	2031.95		
975	1:16:54:50	2235.18	2031.32		
976	1:16:55:19	2235.66	2017.13		
977	1:16:55:48	2236.14	2001.43		
978	1:16:56:17	2236.62	2002.41		
979	1:16:56:46	2237.10	2014.87		
980	1:16:57:14	2237.58	2012.89		
981	1:16:57:43	2238.06	2014.68		
982	1:16:58:12	2238.54	2026.60		
983	1:16:58:41	2239.02	2040.13		
984	1:16:59:10	2239.50	2044.19		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
985	1:16:59:38	2239.98	2039.39		
986	1:17:00:07	2240.46	2040.52		
987	1:17:00:36	2240.94	2050.74		
988	1:17:01:05	2241.42	2051.72		
989	1:17:01:34	2241.90	2041.73		
990	1:17:02:02	2242.38	2037.13		
991	1:17:02:31	2242.86	2022.71		
992	1:17:03:00	2243.34	2017.84		
993	1:17:03:29	2243.82	2015.34		
994	1:17:03:58	2244.30	2020.25		
995	1:17:04:26	2244.78	2020.91		
996	1:17:04:55	2245.26	2026.06		
997	1:17:05:24	2245.74	2034.56		
998	1:17:05:53	2246.22	2034.01		
999	1:17:06:22	2246.70	2039.04		
1000	1:17:06:50	2247.18	2044.31		
1001	1:17:07:19	2247.66	2050.98		
1002	1:17:07:48	2248.14	2045.83		
1003	1:17:08:17	2248.62	2039.00		
1004	1:17:08:46	2249.10	2037.99		
1005	1:17:09:14	2249.58	2044.42		
1006	1:17:09:43	2250.06	2038.34		
1007	1:17:10:12	2250.54	2034.28		
1008	1:17:10:41	2251.02	2041.38		
1009	1:17:11:10	2251.50	2057.26		
1010	1:17:11:38	2251.98	2065.18		
1011	1:17:12:07	2252.46	2072.32		
1012	1:17:12:36	2252.94	2078.57		
1013	1:17:13:05	2253.42	2078.73		
1014	1:17:13:34	2253.90	2080.17		
1015	1:17:14:02	2254.38	2082.32		
1016	1:17:14:31	2254.86	2076.54		
1017	1:17:15:00	2255.34	2077.24		
1018	1:17:15:29	2255.82	2080.09		
1019	1:17:15:58	2256.30	2075.72		
1020	1:17:16:26	2256.78	2061.94		
1021	1:17:16:55	2257.26	2048.71		
1022	1:17:17:24	2257.74	2054.92		
1023	1:17:17:53	2258.22	2059.37		
1024	1:17:18:22	2258.70	2045.55		
1025	1:17:18:50	2259.18	2037.95		
1026	1:17:19:19	2259.66	2043.88		
1027	1:17:19:48	2260.14	2040.41		
1028	1:17:20:17	2260.62	2039.78		
1029	1:17:20:46	2261.10	2042.63		
1030	1:17:21:14	2261.58	2052.30		
1031	1:17:21:43	2262.06	2048.75		
1032	1:17:22:12	2262.54	2055.31		
1033	1:17:22:41	2263.02	2060.89		
1034	1:17:23:10	2263.50	2051.68		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317258

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1035	1:17:23:38	2263.98	2046.96		
1036	1:17:24:07	2264.46	2045.32		
1037	1:17:24:36	2264.94	2036.23		
1038	1:17:25:05	2265.42	2021.97		
1039	1:17:25:34	2265.90		205.41	
1040	1:17:26:02	2266.38	2041.29		
1041	1:17:26:31	2266.86	2035.64		
1042	1:17:27:00	2267.34	2041.17		
1043	1:17:27:29	2267.82	2035.95		
1044	1:17:27:58	2268.30	2023.32		
1045	1:17:28:26	2268.78	2034.94		
1046	1:17:28:55	2269.26	2044.29		
1047	1:17:29:24	2269.74	2044.06		
1048	1:17:29:53	2270.22	2042.07		
1049	1:17:30:22	2270.70	2047.92		
1050	1:17:30:50	2271.18	2051.31		
1051	1:17:31:19	2271.66	2051.55		
1052	1:17:31:48	2272.14	2048.47		
1053	1:17:32:17	2272.62	2045.66		
1054	1:17:32:46	2273.10	2046.36		
1055	1:17:33:14	2273.58	2042.27		
1056	1:17:33:43	2274.06	2040.63		
1057	1:17:34:12	2274.54	2049.75		
1058	1:17:34:41	2275.02	2057.63		
1059	1:17:35:10	2275.50	2062.43		
1060	1:17:35:38	2275.98	2059.94		
1061	1:17:36:07	2276.46	2069.62		
1062	1:17:36:36	2276.94	2079.06		
1063	1:17:37:05	2277.42	2076.64		
1064	1:17:37:34	2277.90	2072.50		
1065	1:17:38:02	2278.38	2075.71		
1066	1:17:38:31	2278.86	2083.55		
1067	1:17:39:00	2279.34	2085.94		
1068	1:17:39:29	2279.82	2084.14		
1069	1:17:39:58	2280.30	2080.39		
1070	1:17:40:26	2280.78	2075.16		
1071	1:17:40:55	2281.26	2070.28		
1072	1:17:41:24	2281.74	2062.51		
1073	1:17:41:53	2282.22	2064.78		
1074	1:17:42:22	2282.70	2073.68		
1075	1:17:42:50	2283.18	2074.57		
1076	1:17:43:19	2283.66	2073.17		
1077	1:17:43:48	2284.14	2071.22		
1078	1:17:44:17	2284.62	2071.61		
1079	1:17:44:46	2285.10	2073.52		
1080	1:17:45:14	2285.58	2073.56		
1081	1:17:45:43	2286.06	2072.70		
1082	1:17:46:12	2286.54	2072.78		
1083	1:17:46:41	2287.02	2072.62		
1084	1:17:47:10	2287.50	2069.30		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1085	1:17:47:38	2287.98	2068.33		
1086	1:17:48:07	2288.46	2069.69		
1087	1:17:48:36	2288.94	2035.09		
1088	1:17:49:05	2289.42	2030.61		
1089	1:17:49:34	2289.90	2028.31		
1090	1:17:50:02	2290.38	2026.55		
1091	1:17:50:31	2290.86	2025.03		
1092	1:17:51:00	2291.34	2019.62		
1093	1:17:51:29	2291.82	2014.43		
1094	1:17:51:58	2292.30	2019.69		
1095	1:17:52:26	2292.78	2026.05		
1096	1:17:52:55	2293.26	2023.20		
1097	1:17:53:24	2293.74	2014.86		
1098	1:17:53:53	2294.22	2005.94		
1099	1:17:54:22	2294.70	2005.79		
1100	1:17:54:50	2295.18	2007.93		
1101	1:17:55:19	2295.66	2008.24		
	1:17:55:48				CHOKE CHANGE 32/64"
1102	1:17:55:48	2296.14	2013.07		
1103	1:17:56:17	2296.62	2005.98		
1104	1:17:56:46	2297.10	2005.20		
1105	1:17:57:14	2297.58	2019.66		
1106	1:17:57:43	2298.06	2033.10		
1107	1:17:58:12	2298.54	2042.34		
1108	1:17:58:41	2299.02	2048.74		
1109	1:17:59:10	2299.50	2056.23		
1110	1:17:59:38	2299.98	2062.51		
1111	1:18:00:07	2300.46	2069.07		
1112	1:18:00:36	2300.94	2074.07		
1113	1:18:01:05	2301.42	2077.35		
1114	1:18:01:34	2301.90	2080.47		
1115	1:18:02:02	2302.38	2084.65		
1116	1:18:02:31	2302.86	2088.79		
1117	1:18:03:00	2303.34	2092.15		
1118	1:18:03:29	2303.82	2093.04		
1119	1:18:03:58	2304.30	2095.35		
1120	1:18:04:26	2304.78	2087.54		
1121	1:18:04:55	2305.26	2103.67		
1122	1:18:05:24	2305.74	2125.76		
1123	1:18:05:53	2306.22	2145.08		
1124	1:18:06:22	2306.70	2162.58		
1125	1:18:06:50	2307.18	2177.73		
1126	1:18:07:19	2307.66	2191.84		
1127	1:18:07:48	2308.14	2205.79		
1128	1:18:08:17	2308.62	2218.50		
1129	1:18:08:46	2309.10	2228.90		
1130	1:18:09:14	2309.58	2237.18		
1131	1:18:09:43	2310.06	2245.07		
1132	1:18:10:12	2310.54	2252.10		
1133	1:18:10:41	2311.02	2258.61		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317360

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1134	1:18:11:10	2311.50	2265.45		
1135	1:18:11:38	2311.98	2274.53		
1136	1:18:12:07	2312.46	2282.82		
1137	1:18:12:36	2312.94	2288.87		
1138	1:18:13:05	2313.42	2292.02		
1139	1:18:13:34	2313.90	2294.38		
1140	1:18:14:02	2314.38		206.41	
1141	1:18:14:31	2314.86	2297.46		
1142	1:18:15:00	2315.34	2299.63		
1143	1:18:15:29	2315.82	2305.41		
1144	1:18:15:58	2316.30	2313.47		
1145	1:18:16:26	2316.78	2320.59		
1146	1:18:16:55	2317.26	2324.96		
1147	1:18:17:24	2317.74	2326.50		
1148	1:18:17:53	2318.22	2327.56		
1149	1:18:18:22	2318.70	2326.34		
1150	1:18:18:50	2319.18	2325.75		
1151	1:18:19:19	2319.66	2327.56		
1152	1:18:19:48	2320.14	2329.80		
1153	1:18:20:17	2320.62	2330.35		
1154	1:18:20:46	2321.10	2331.69		
1155	1:18:21:14	2321.58	2334.09		
1156	1:18:21:43	2322.06	2336.50		
1157	1:18:22:12	2322.54	2338.15		
1158	1:18:22:41	2323.02	2338.62		
1159	1:18:23:10	2323.50	2339.65		
1160	1:18:23:38	2323.98	2340.12		
1161	1:18:24:07	2324.46	2338.62		
1162	1:18:24:36	2324.94	2338.82		
1163	1:18:25:05	2325.42	2339.69		
1164	1:18:25:34	2325.90	2339.76		
1165	1:18:26:02	2326.38	2340.00		
1166	1:18:26:31	2326.86	2340.75		
1167	1:18:27:00	2327.34	2342.05		
1168	1:18:27:29	2327.82	2342.80		
1169	1:18:27:58	2328.30	2341.97		
1170	1:18:28:26	2328.78	2340.63		
1171	1:18:28:55	2329.26	2340.75		
1172	1:18:29:24	2329.74	2340.95		
1173	1:18:29:53	2330.22	2340.00		
1174	1:18:30:22	2330.70	2340.35		
1175	1:18:30:50	2331.18	2340.28		
1176	1:18:31:19	2331.66	2339.57		
1177	1:18:31:48	2332.14	2340.00		
1178	1:18:32:17	2332.62	2341.18		
1179	1:18:32:46	2333.10	2342.88		
1180	1:18:33:14	2333.58	2344.33		
1181	1:18:33:43	2334.06	2345.79		
1182	1:18:34:12	2334.54	2347.37		
1183	1:18:34:41	2335.02	2348.74		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1184	1:18:35:10	2335.50	2349.57		
1185	1:18:35:38	2335.98	2349.18		
1186	1:18:36:07	2336.46	2348.55		
1187	1:18:36:36	2336.94	2348.03		
1188	1:18:37:05	2337.42	2347.92		
1189	1:18:37:34	2337.90	2348.51		
1190	1:18:38:02	2338.38	2349.14		
1191	1:18:38:31	2338.86	2348.98		
1192	1:18:39:00	2339.34	2349.14		
1193	1:18:39:29	2339.82	2349.02		
1194	1:18:39:58	2340.30	2349.10		
1195	1:18:40:26	2340.78	2349.26		
1196	1:18:40:55	2341.26	2349.41		
1197	1:18:41:24	2341.74	2349.69		
1198	1:18:41:53	2342.22	2350.32		
1199	1:18:42:22	2342.70	2350.87		
1200	1:18:42:50	2343.18	2351.11		
1201	1:18:43:19	2343.66	2351.50		
1202	1:18:43:48	2344.14	2351.19		
1203	1:18:44:17	2344.62	2351.26		
1204	1:18:44:46	2345.10	2351.23		
1205	1:18:45:14	2345.58	2350.40		
1206	1:18:45:43	2346.06	2348.74		
1207	1:18:46:12	2346.54	2347.76		
1208	1:18:46:41	2347.02	2348.39		
1209	1:18:47:10	2347.50	2349.45		
1210	1:18:47:38	2347.98	2350.00		
1211	1:18:48:07	2348.46	2351.50		
1212	1:18:48:36	2348.94	2353.16		
1213	1:18:49:05	2349.42	2352.29		
1214	1:18:49:34	2349.90	2351.23		
1215	1:18:50:02	2350.38	2351.23		
1216	1:18:50:31	2350.86	2352.72		
1217	1:18:51:00	2351.34	2354.57		
1218	1:18:51:29	2351.82	2356.27		
1219	1:18:51:58	2352.30	2354.97		
1220	1:18:52:26	2352.78	2353.71		
1221	1:18:52:55	2353.26	2354.61		
1222	1:18:53:24	2353.74	2356.31		
1223	1:18:53:53	2354.22	2355.80		
1224	1:18:54:22	2354.70	2354.97		
1225	1:18:54:50	2355.18	2354.65		
1226	1:18:55:19	2355.66	2353.75		
1227	1:18:55:48	2356.14	2354.46		
1228	1:18:56:17	2356.62	2356.15		
1229	1:18:56:46	2357.10	2357.17		
1230	1:18:57:14	2357.58	2356.70		
1231	1:18:57:43	2358.06	2356.03		
1232	1:18:58:12	2358.54	2354.69		
1233	1:18:58:41	2359.02	2354.18		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317362

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1234	1:18:59:10	2359.50	2354.97		
1235	1:18:59:38	2359.98	2356.07		
1236	1:19:00:07	2360.46	2357.02		
1237	1:19:00:36	2360.94	2357.33		
1238	1:19:01:05	2361.42	2356.50		
1239	1:19:01:34	2361.90	2355.44		
1240	1:19:02:02	2362.38	2355.60		
1241	1:19:02:31	2362.86		206.48	
1242	1:19:03:00	2363.34	2356.99		
1243	1:19:03:29	2363.82	2356.71		
1244	1:19:03:58	2364.30	2356.79		
1245	1:19:04:26	2364.78	2356.99		
1246	1:19:04:55	2365.26	2357.23		
1247	1:19:05:24	2365.74	2357.42		
1248	1:19:05:53	2366.22	2357.15		
1249	1:19:06:22	2366.70	2357.19		
1250	1:19:06:50	2367.18	2356.24		
1251	1:19:07:19	2367.66	2355.41		
1252	1:19:07:48	2368.14	2356.04		
1253	1:19:08:17	2368.62	2358.13		
1254	1:19:08:46	2369.10	2359.79		
1255	1:19:09:14	2369.58	2359.59		
1256	1:19:09:43	2370.06	2359.55		
1257	1:19:10:12	2370.54	2359.71		
1258	1:19:10:41	2371.02	2359.67		
1259	1:19:11:10	2371.50	2359.16		
1260	1:19:11:38	2371.98	2358.17		
1261	1:19:12:07	2372.46	2358.01		
1262	1:19:12:36	2372.94	2358.80		
1263	1:19:13:05	2373.42	2359.00		
1264	1:19:13:34	2373.90	2358.61		
1265	1:19:14:02	2374.38	2358.68		
1266	1:19:14:31	2374.86	2359.04		
1267	1:19:15:00	2375.34	2358.84		
1268	1:19:15:29	2375.82	2358.64		
1269	1:19:15:58	2376.30	2358.88		
1270	1:19:16:26	2376.78	2359.24		
1271	1:19:16:55	2377.26	2359.63		
1272	1:19:17:24	2377.74	2359.83		
1273	1:19:17:53	2378.22	2359.94		
1274	1:19:18:22	2378.70	2359.63		
1275	1:19:18:50	2379.18	2359.43		
1276	1:19:19:19	2379.66	2359.16		
1277	1:19:19:48	2380.14	2359.12		
1278	1:19:20:17	2380.62	2359.20		
1279	1:19:20:46	2381.10	2359.28		
1280	1:19:21:14	2381.58	2359.55		
1281	1:19:21:43	2382.06	2359.71		
1282	1:19:22:12	2382.54	2359.31		
1283	1:19:22:41	2383.02	2358.64		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1284	1:19:23:10	2383.50	2358.41		
1285	1:19:23:38	2383.98	2358.57		
1286	1:19:24:07	2384.46	2359.00		
1287	1:19:24:36	2384.94	2358.64		
1288	1:19:25:05	2385.42	2358.80		
1289	1:19:25:34	2385.90	2359.12		
1290	1:19:26:02	2386.38	2359.51		
1291	1:19:26:31	2386.86	2359.71		
1292	1:19:27:00	2387.34	2360.14		
1293	1:19:27:29	2387.82	2360.50		
1294	1:19:27:58	2388.30	2360.02		
1295	1:19:28:26	2388.78	2359.43		
1296	1:19:28:55	2389.26	2359.43		
1297	1:19:29:24	2389.74	2359.51		
1298	1:19:29:53	2390.22	2359.87		
1299	1:19:30:22	2390.70	2359.94		
1300	1:19:30:50	2391.18	2360.26		
1301	1:19:31:19	2391.66	2360.77		
1302	1:19:31:48	2392.14	2361.28		
1303	1:19:32:17	2392.62	2361.80		
1304	1:19:32:46	2393.10	2362.11		
1305	1:19:33:14	2393.58	2361.56		
1306	1:19:33:43	2394.06	2361.01		
1307	1:19:34:12	2394.54	2360.89		
1308	1:19:34:41	2395.02	2361.05		
1309	1:19:35:10	2395.50	2360.10		
1310	1:19:35:38	2395.98	2359.16		
1311	1:19:36:07	2396.46	2359.24		
1312	1:19:36:36	2396.94	2360.10		
1313	1:19:37:05	2397.42	2360.06		
1314	1:19:37:34	2397.90	2360.46		
1315	1:19:38:02	2398.38	2360.61		
1316	1:19:38:31	2398.86	2360.85		
1317	1:19:39:00	2399.34	2361.48		
1318	1:19:39:29	2399.82	2361.88		
1319	1:19:39:58	2400.30	2361.48		
1320	1:19:40:26	2400.78	2360.77		
1321	1:19:40:55	2401.26	2359.79		
1322	1:19:41:24	2401.74	2359.51		
1323	1:19:41:53	2402.22	2360.46		
1324	1:19:42:22	2402.70	2361.40		
1325	1:19:42:50	2403.18	2361.56		
1326	1:19:43:19	2403.66	2361.21		
1327	1:19:43:48	2404.14	2361.13		
1328	1:19:44:17	2404.62	2361.80		
1329	1:19:44:46	2405.10	2362.62		
1330	1:19:45:14	2405.58	2363.33		
1331	1:19:45:43	2406.06	2362.78		
1332	1:19:46:12	2406.54	2362.15		
1333	1:19:46:41	2407.02	2361.80		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1334	1:19:47:10	2407.50	2361.48		
1335	1:19:47:38	2407.98	2361.01		
1336	1:19:48:07	2408.46	2360.34		
1337	1:19:48:36	2408.94	2360.26		
1338	1:19:49:05	2409.42	2359.98		
1339	1:19:49:34	2409.90	2360.22		
1340	1:19:50:02	2410.38	2360.54		
1341	1:19:50:31	2410.86	2360.85		
1342	1:19:51:00	2411.34		206.65	
1343	1:19:51:29	2411.82	2360.60		
1344	1:19:51:58	2412.30	2361.16		
1345	1:19:52:26	2412.78	2362.26		
1346	1:19:52:55	2413.26	2362.30		
1347	1:19:53:24	2413.74	2361.83		
1348	1:19:53:53	2414.22	2362.22		
1349	1:19:54:22	2414.70	2363.01		
1350	1:19:54:50	2415.18	2363.24		
1351	1:19:55:19	2415.66	2363.64		
1352	1:19:55:48	2416.14	2363.80		
1353	1:19:56:17	2416.62	2362.97		
1354	1:19:56:46	2417.10	2362.22		
1355	1:19:57:14	2417.58	2361.67		
1356	1:19:57:43	2418.06	2361.35		
1357	1:19:58:12	2418.54	2360.60		
1358	1:19:58:41	2419.02	2360.33		
1359	1:19:59:10	2419.50	2360.41		
1360	1:19:59:38	2419.98	2361.04		
1361	1:20:00:07	2420.46	2361.59		
1362	1:20:00:36	2420.94	2361.63		
1363	1:20:01:05	2421.42	2361.16		
1364	1:20:01:34	2421.90	2360.64		
1365	1:20:02:02	2422.38	2362.06		
1366	1:20:02:31	2422.86	2372.78		
1367	1:20:03:00	2423.34	2373.25		
1368	1:20:03:29	2423.82	2358.95		
1369	1:20:03:58	2424.30	2357.53		
1370	1:20:04:26	2424.78	2356.47		
1371	1:20:04:55	2425.26	2355.60		
1372	1:20:05:24	2425.74	2353.00		
1373	1:20:05:53	2426.22	2352.57		
1374	1:20:06:22	2426.70	2353.35		
1375	1:20:06:50	2427.18	2354.65		
1376	1:20:07:19	2427.66	2355.84		
1377	1:20:07:48	2428.14	2356.23		
1378	1:20:08:17	2428.62	2356.94		
1379	1:20:08:46	2429.10	2358.20		
1380	1:20:09:14	2429.58	2359.50		
1381	1:20:09:43	2430.06	2359.74		
1382	1:20:10:12	2430.54	2359.34		
1383	1:20:10:41	2431.02	2358.71		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1384	1:20:11:10	2431.50	2358.75		
1385	1:20:11:38	2431.98	2359.42		
1386	1:20:12:07	2432.46	2360.17		
1387	1:20:12:36	2432.94	2361.63		
1388	1:20:13:05	2433.42	2362.14		
1389	1:20:13:34	2433.90	2361.83		
1390	1:20:14:02	2434.38	2361.12		
1391	1:20:14:31	2434.86	2360.68		
1392	1:20:15:00	2435.34	2360.68		
1393	1:20:15:29	2435.82	2360.64		
1394	1:20:15:58	2436.30	2360.92		
1395	1:20:16:26	2436.78	2360.88		
1396	1:20:16:55	2437.26	2361.39		
1397	1:20:17:24	2437.74	2362.02		
1398	1:20:17:53	2438.22	2362.42		
1399	1:20:18:22	2438.70	2362.69		
1400	1:20:18:50	2439.18	2362.93		
1401	1:20:19:19	2439.66	2362.73		
1402	1:20:19:48	2440.14	2362.06		
1403	1:20:20:17	2440.62	2361.75		
1404	1:20:20:46	2441.10	2361.51		
1405	1:20:21:14	2441.58	2361.94		
1406	1:20:21:43	2442.06	2362.46		
1407	1:20:22:12	2442.54	2363.17		
1408	1:20:22:41	2443.02	2363.83		
1409	1:20:23:10	2443.50	2363.68		
1410	1:20:23:38	2443.98	2363.09		
1411	1:20:24:07	2444.46	2362.18		
1412	1:20:24:36	2444.94	2361.63		
1413	1:20:25:05	2445.42	2361.63		
1414	1:20:25:34	2445.90	2362.30		
1415	1:20:26:02	2446.38	2362.42		
1416	1:20:26:31	2446.86	2362.06		
1417	1:20:27:00	2447.34	2361.23		
1418	1:20:27:29	2447.82	2360.88		
1419	1:20:27:58	2448.30	2361.16		
1420	1:20:28:26	2448.78	2362.42		
1421	1:20:28:55	2449.26	2361.98		
1422	1:20:29:24	2449.74	2358.75		
1423	1:20:29:53	2450.22	2358.52		
1424	1:20:30:22	2450.70	2361.79		
1425	1:20:30:50	2451.18	2362.93		
1426	1:20:31:19	2451.66	2362.73		
1427	1:20:31:48	2452.14	2362.30		
1428	1:20:32:17	2452.62	2361.90		
1429	1:20:32:46	2453.10	2361.86		
1430	1:20:33:14	2453.58	2362.22		
1431	1:20:33:43	2454.06	2362.46		
1432	1:20:34:12	2454.54	2362.61		
1433	1:20:34:41	2455.02	2362.61		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1434	1:20:35:10	2455.50	2361.90		
1435	1:20:35:38	2455.98	2360.76		
1436	1:20:36:07	2456.46	2360.92		
1437	1:20:36:36	2456.94	2368.13		
1438	1:20:37:05	2457.42	2359.93		
1439	1:20:37:34	2457.90	2361.31		
1440	1:20:38:02	2458.38	2363.64		
1441	1:20:38:31	2458.86	2363.13		
1442	1:20:39:00	2459.34	2363.99		
1443	1:20:39:29	2459.82		206.82	
1444	1:20:39:58	2460.30	2363.16		
1445	1:20:40:26	2460.78	2362.21		
1446	1:20:40:55	2461.26	2360.99		
1447	1:20:41:24	2461.74	2359.77		
1448	1:20:41:53	2462.22	2357.92		
1449	1:20:42:22	2462.70	2356.97		
1450	1:20:42:50	2463.18	2357.92		
1451	1:20:43:19	2463.66	2359.33		
1452	1:20:43:48	2464.14	2360.75		
1453	1:20:44:17	2464.62	2361.19		
1454	1:20:44:46	2465.10	2361.50		
1455	1:20:45:14	2465.58	2362.88		
1456	1:20:45:43	2466.06	2363.59		
1457	1:20:46:12	2466.54	2364.50		
1458	1:20:46:41	2467.02	2365.64		
1459	1:20:47:10	2467.50	2366.07		
1460	1:20:47:38	2467.98	2365.68		
1461	1:20:48:07	2468.46	2365.01		
1462	1:20:48:36	2468.94	2364.65		
1463	1:20:49:05	2469.42	2364.69		
1464	1:20:49:34	2469.90	2364.77		
1465	1:20:50:02	2470.38	2364.53		
1466	1:20:50:31	2470.86	2363.71		
1467	1:20:51:00	2471.34	2362.80		
1468	1:20:51:29	2471.82	2361.97		
1469	1:20:51:58	2472.30	2362.37		
1470	1:20:52:26	2472.78	2363.83		
1471	1:20:52:55	2473.26	2365.17		
1472	1:20:53:24	2473.74	2365.32		
1473	1:20:53:53	2474.22	2365.64		
1474	1:20:54:22	2474.70	2365.91		
1475	1:20:54:50	2475.18	2365.76		
1476	1:20:55:19	2475.66	2366.47		
1477	1:20:55:48	2476.14	2368.00		
1478	1:20:56:17	2476.62	2368.44		
1479	1:20:56:46	2477.10	2367.73		
1480	1:20:57:14	2477.58	2366.78		
1481	1:20:57:43	2478.06	2365.36		
1482	1:20:58:12	2478.54	2363.67		
1483	1:20:58:41	2479.02	2363.43		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1484	1:20:59:10	2479.50	2364.30		
1485	1:20:59:38	2479.98	2365.84		
1486	1:21:00:07	2480.46	2365.87		
1487	1:21:00:36	2480.94	2365.36		
1488	1:21:01:05	2481.42	2363.90		
1489	1:21:01:34	2481.90	2361.78		
1490	1:21:02:02	2482.38	2363.16		
1491	1:21:02:31	2482.86	2367.53		
1492	1:21:03:00	2483.34	2369.58		
1493	1:21:03:29	2483.82	2369.82		
1494	1:21:03:58	2484.30	2368.52		
1495	1:21:04:26	2484.78	2367.96		
1496	1:21:04:55	2485.26	2368.04		
1497	1:21:05:24	2485.74	2368.24		
1498	1:21:05:53	2486.22	2368.12		
1499	1:21:06:22	2486.70	2368.04		
1500	1:21:06:50	2487.18	2367.73		
1501	1:21:07:19	2487.66	2367.14		
1502	1:21:07:48	2488.14	2366.43		
1503	1:21:08:17	2488.62	2366.58		
1504	1:21:08:46	2489.10	2366.15		
1505	1:21:09:14	2489.58	2374.31		
1506	1:21:09:43	2490.06	2365.20		
1507	1:21:10:12	2490.54	2364.42		
1508	1:21:10:41	2491.02	2374.82		
1509	1:21:11:10	2491.50	2362.33		
1510	1:21:11:38	2491.98	2373.09		
1511	1:21:12:07	2492.46	2373.80		
1512	1:21:12:36	2492.94	2371.75		
1513	1:21:13:05	2493.42	2363.43		
1514	1:21:13:34	2493.90	2360.20		
1515	1:21:14:02	2494.38	2359.92		
1516	1:21:14:31	2494.86	2359.06		
1517	1:21:15:00	2495.34	2360.71		
1518	1:21:15:29	2495.82	2361.62		
1519	1:21:15:58	2496.30	2361.38		
1520	1:21:16:26	2496.78	2362.64		
1521	1:21:16:55	2497.26	2365.95		
1522	1:21:17:24	2497.74	2368.59		
1523	1:21:17:53	2498.22	2369.90		
1524	1:21:18:22	2498.70	2370.37		
1525	1:21:18:50	2499.18	2370.25		
1526	1:21:19:19	2499.66	2369.66		
1527	1:21:19:48	2500.14	2369.07		
1528	1:21:20:17	2500.62	2368.32		
1529	1:21:20:46	2501.10	2367.65		
1530	1:21:21:14	2501.58	2367.21		
1531	1:21:21:43	2502.06	2367.21		
1532	1:21:22:12	2502.54	2367.14		
1533	1:21:22:41	2503.02	2367.37		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317368

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1534	1:21:23:10	2503.50	2368.52		
1535	1:21:23:38	2503.98	2369.82		
1536	1:21:24:07	2504.46	2370.25		
1537	1:21:24:36	2504.94	2369.93		
1538	1:21:25:05	2505.42	2368.83		
1539	1:21:25:34	2505.90	2367.06		
1540	1:21:26:02	2506.38	2365.48		
1541	1:21:26:31	2506.86	2365.72		
1542	1:21:27:00	2507.34	2366.82		
1543	1:21:27:29	2507.82	2367.41		
1544	1:21:27:58	2508.30		206.96	
1545	1:21:28:26	2508.78	2366.96		
1546	1:21:28:55	2509.26	2366.49		
1547	1:21:29:24	2509.74	2365.62		
1548	1:21:29:53	2510.22	2365.42		
1549	1:21:30:22	2510.70	2367.55		
1550	1:21:30:50	2511.18	2369.72		
1551	1:21:31:19	2511.66	2370.11		
1552	1:21:31:48	2512.14	2369.92		
1553	1:21:32:17	2512.62	2369.72		
1554	1:21:32:46	2513.10	2369.01		
1555	1:21:33:14	2513.58	2367.83		
1556	1:21:33:43	2514.06	2366.92		
1557	1:21:34:12	2514.54	2366.13		
1558	1:21:34:41	2515.02	2365.19		
1559	1:21:35:10	2515.50	2363.73		
1560	1:21:35:38	2515.98	2365.35		
1561	1:21:36:07	2516.46	2369.41		
1562	1:21:36:36	2516.94	2371.26		
1563	1:21:37:05	2517.42	2371.38		
1564	1:21:37:34	2517.90	2370.78		
1565	1:21:38:02	2518.38	2370.11		
1566	1:21:38:31	2518.86	2369.37		
1567	1:21:39:00	2519.34	2367.99		
1568	1:21:39:29	2519.82	2367.71		
1569	1:21:39:58	2520.30	2367.40		
1570	1:21:40:26	2520.78	2367.00		
1571	1:21:40:55	2521.26	2367.24		
1572	1:21:41:24	2521.74	2367.75		
1573	1:21:41:53	2522.22	2368.07		
1574	1:21:42:22	2522.70	2368.50		
1575	1:21:42:50	2523.18	2368.93		
1576	1:21:43:19	2523.66	2369.56		
1577	1:21:43:48	2524.14	2369.25		
1578	1:21:44:17	2524.62	2368.50		
1579	1:21:44:46	2525.10	2367.75		
1580	1:21:45:14	2525.58	2367.95		
1581	1:21:45:43	2526.06	2368.22		
1582	1:21:46:12	2526.54	2368.70		
1583	1:21:46:41	2527.02	2369.92		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317269

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1584	1:21:47:10	2527.50	2370.55		
1585	1:21:47:38	2527.98	2370.43		
1586	1:21:48:07	2528.46	2370.39		
1587	1:21:48:36	2528.94	2370.00		
1588	1:21:49:05	2529.42	2369.25		
1589	1:21:49:34	2529.90	2369.13		
1590	1:21:50:02	2530.38	2369.44		
1591	1:21:50:31	2530.86	2369.84		
1592	1:21:51:00	2531.34	2369.88		
1593	1:21:51:29	2531.82	2369.33		
1594	1:21:51:58	2532.30	2368.26		
1595	1:21:52:26	2532.78	2367.32		
1596	1:21:52:55	2533.26	2366.65		
1597	1:21:53:24	2533.74	2367.00		
1598	1:21:53:53	2534.22	2368.38		
1599	1:21:54:22	2534.70	2369.56		
1600	1:21:54:50	2535.18	2370.23		
1601	1:21:55:19	2535.66	2370.00		
1602	1:21:55:48	2536.14	2369.56		
1603	1:21:56:17	2536.62	2369.41		
1604	1:21:56:46	2537.10	2369.56		
1605	1:21:57:14	2537.58	2369.96		
1606	1:21:57:43	2538.06	2370.08		
1607	1:21:58:12	2538.54	2370.15		
1608	1:21:58:41	2539.02	2369.76		
1609	1:21:59:10	2539.50	2368.93		
1610	1:21:59:38	2539.98	2369.44		
1611	1:22:00:07	2540.46	2401.82		
1612	1:22:00:36	2540.94	2432.34		
1613	1:22:01:05	2541.42	2463.32		
1614	1:22:01:34	2541.90	2490.13		
	1:22:02:02				CLOSE IN AT CHOKE MANIFOLD
1615	1:22:02:02	2542.38	2512.34		
1616	1:22:02:31	2542.86	2530.84		
1617	1:22:03:00	2543.34	2545.98		
1618	1:22:03:29	2543.82	2558.03		
1619	1:22:03:58	2544.30	2567.71		
1620	1:22:04:26	2544.78	2575.29		
1621	1:22:04:55	2545.26	2581.40		
1622	1:22:05:24	2545.74	2586.32		
1623	1:22:05:53	2546.22	2590.25		
1624	1:22:06:22	2546.70	2593.27		
1625	1:22:06:50	2547.18	2595.73		
1626	1:22:07:19	2547.66	2597.40		
1627	1:22:07:48	2548.14	2598.71		
1628	1:22:08:17	2548.62	2600.06		
1629	1:22:08:46	2549.10	2601.41		
1630	1:22:09:14	2549.58	2602.52		
1631	1:22:09:43	2550.06	2603.67		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1632	1:22:10:12	2550.54	2604.66		
1633	1:22:10:41	2551.02	2605.58		
1634	1:22:11:10	2551.50	2606.45		
1635	1:22:11:38	2551.98	2607.21		
1636	1:22:12:07	2552.46	2608.16		
1637	1:22:12:36	2552.94	2608.71		
1638	1:22:13:05	2553.42	2609.39		
1639	1:22:13:34	2553.90	2610.10		
1640	1:22:14:02	2554.38	2611.18		
1641	1:22:14:31	2554.86	2612.29		
1642	1:22:15:00	2555.34	2613.00		
1643	1:22:15:29	2555.82	2613.60		
1644	1:22:15:58	2556.30	2614.00		
1645	1:22:16:26	2556.78		207.15	
1646	1:22:16:55	2557.26	2614.78		
1647	1:22:17:24	2557.74	2614.98		
1648	1:22:17:53	2558.22	2615.14		
1649	1:22:18:22	2558.70	2615.22		
1650	1:22:18:50	2559.18	2615.42		
1651	1:22:19:19	2559.66	2615.66		
1652	1:22:19:48	2560.14	2615.86		
1653	1:22:20:17	2560.62	2616.13		
1654	1:22:20:46	2561.10	2616.25		
1655	1:22:21:14	2561.58	2616.45		
1656	1:22:21:43	2562.06	2616.57		
1657	1:22:22:12	2562.54	2616.69		
1658	1:22:22:41	2563.02	2616.85		
1659	1:22:23:10	2563.50	2617.01		
1660	1:22:23:38	2563.98	2617.09		
1661	1:22:24:07	2564.46	2617.25		
1662	1:22:24:36	2564.94	2617.33		
1663	1:22:25:05	2565.42	2617.37		
1664	1:22:25:34	2565.90	2617.44		
1665	1:22:26:02	2566.38	2617.52		
1666	1:22:26:31	2566.86	2617.52		
1667	1:22:27:00	2567.34	2617.52		
1668	1:22:27:29	2567.82	2617.52		
1669	1:22:27:58	2568.30	2617.56		
1670	1:22:28:26	2568.78	2617.52		
1671	1:22:28:55	2569.26	2617.56		
1672	1:22:29:24	2569.74	2617.60		
1673	1:22:29:53	2570.22	2617.56		
1674	1:22:30:22	2570.70	2617.60		
1675	1:22:30:50	2571.18	2617.56		
1676	1:22:31:19	2571.66	2617.48		
1677	1:22:31:48	2572.14	2617.48		
1678	1:22:32:17	2572.62	2617.40		
1679	1:22:32:46	2573.10	2617.52		
1680	1:22:33:14	2573.58	2617.56		
1681	1:22:33:43	2574.06	2617.56		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317271

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1682	1:22:34:12	2574.54	2617.68		
1683	1:22:34:41	2575.02	2617.72		
1684	1:22:35:10	2575.50	2617.76		
1685	1:22:35:38	2575.98	2617.88		
1686	1:22:36:07	2576.46	2617.96		
1687	1:22:36:36	2576.94	2618.08		
1688	1:22:37:05	2577.42	2618.24		
1689	1:22:37:34	2577.90	2618.28		
1690	1:22:38:02	2578.38	2618.40		
1691	1:22:38:31	2578.86	2618.48		
1692	1:22:39:00	2579.34	2618.56		
1693	1:22:39:29	2579.82	2618.68		
1694	1:22:39:58	2580.30	2618.84		
1695	1:22:40:26	2580.78	2619.03		
1696	1:22:40:55	2581.26	2619.11		
1697	1:22:41:24	2581.74	2619.19		
1698	1:22:41:53	2582.22	2619.27		
1699	1:22:42:22	2582.70	2619.39		
1700	1:22:42:50	2583.18	2619.47		
1701	1:22:43:19	2583.66	2619.51		
1702	1:22:43:48	2584.14	2619.71		
1703	1:22:44:17	2584.62	2619.71		
1704	1:22:44:46	2585.10	2619.79		
1705	1:22:45:14	2585.58	2619.83		
1706	1:22:45:43	2586.06	2619.99		
1707	1:22:46:12	2586.54	2619.95		
1708	1:22:46:41	2587.02	2620.11		
1709	1:22:47:10	2587.50	2620.19		
1710	1:22:47:38	2587.98	2620.27		
1711	1:22:48:07	2588.46	2620.31		
1712	1:22:48:36	2588.94	2620.42		
1713	1:22:49:05	2589.42	2620.54		
1714	1:22:49:34	2589.90	2620.62		
1715	1:22:50:02	2590.38	2620.74		
1716	1:22:50:31	2590.86	2620.82		
1717	1:22:51:00	2591.34	2620.90		
1718	1:22:51:29	2591.82	2621.06		
1719	1:22:51:58	2592.30	2621.10		
1720	1:22:52:26	2592.78	2621.22		
1721	1:22:52:55	2593.26	2621.34		
1722	1:22:53:24	2593.74	2621.42		
1723	1:22:53:53	2594.22	2621.54		
1724	1:22:54:22	2594.70	2621.66		
1725	1:22:54:50	2595.18	2621.70		
1726	1:22:55:19	2595.66	2621.82		
1727	1:22:55:48	2596.14	2621.86		
1728	1:22:56:17	2596.62	2621.97		
1729	1:22:56:46	2597.10	2621.97		
1730	1:22:57:14	2597.58	2622.09		
1731	1:22:57:43	2598.06	2622.17		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317272

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61/75
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1732	1:22:58:12	2598.54	2622.21		
1733	1:22:58:41	2599.02	2622.25		
1734	1:22:59:10	2599.50	2622.29		
1735	1:22:59:38	2599.98	2622.37		
1736	1:23:00:07	2600.46	2622.37		
1737	1:23:00:36	2600.94	2622.49		
1738	1:23:01:05	2601.42	2622.57		
1739	1:23:01:34	2601.90	2622.57		
1740	1:23:02:02	2602.38	2622.61		
1741	1:23:02:31	2602.86	2622.61		
1742	1:23:03:00	2603.34	2622.69		
1743	1:23:03:29	2603.82	2622.69		
1744	1:23:03:58	2604.30	2622.65		
1745	1:23:04:26	2604.78	2622.69		
1746	1:23:04:55	2605.26		204.65	
1747	1:23:05:24	2605.74	2622.26		
1748	1:23:05:53	2606.22	2622.38		
1749	1:23:06:22	2606.70	2622.50		
1750	1:23:06:50	2607.18	2622.54		
1751	1:23:07:19	2607.66	2622.46		
1752	1:23:07:48	2608.14	2622.42		
1753	1:23:08:17	2608.62	2622.38		
1754	1:23:08:46	2609.10	2622.38		
1755	1:23:09:14	2609.58	2622.34		
1756	1:23:09:43	2610.06	2622.38		
1757	1:23:10:12	2610.54	2622.42		
1758	1:23:10:41	2611.02	2622.38		
1759	1:23:11:10	2611.50	2622.46		
1760	1:23:11:38	2611.98	2622.46		
1761	1:23:12:07	2612.46	2622.54		
1762	1:23:12:36	2612.94	2622.58		
1763	1:23:13:05	2613.42	2622.65		
1764	1:23:13:34	2613.90	2622.73		
1765	1:23:14:02	2614.38	2622.85		
1766	1:23:14:31	2614.86	2622.93		
1767	1:23:15:00	2615.34	2623.13		
1768	1:23:15:29	2615.82	2623.05		
1769	1:23:15:58	2616.30	2623.01		
1770	1:23:16:26	2616.78	2623.09		
1771	1:23:16:55	2617.26	2623.09		
1772	1:23:17:24	2617.74	2623.17		
1773	1:23:17:53	2618.22	2623.21		
1774	1:23:18:22	2618.70	2623.25		
1775	1:23:18:50	2619.18	2623.29		
1776	1:23:19:19	2619.66	2623.33		
1777	1:23:19:48	2620.14	2623.29		
1778	1:23:20:17	2620.62	2623.37		
1779	1:23:20:46	2621.10	2623.41		
1780	1:23:21:14	2621.58	2623.45		
1781	1:23:21:43	2622.06	2623.49		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1782	1:23:22:12	2622.54	2623.41		
1783	1:23:22:41	2623.02	2623.41		
1784	1:23:23:10	2623.50	2623.41		
1785	1:23:23:38	2623.98	2623.37		
1786	1:23:24:07	2624.46	2623.41		
1787	1:23:24:36	2624.94	2623.53		
1788	1:23:25:05	2625.42	2623.61		
1789	1:23:25:34	2625.90	2623.65		
1790	1:23:26:02	2626.38	2623.73		
1791	1:23:26:31	2626.86	2623.77		
1792	1:23:27:00	2627.34	2623.73		
1793	1:23:27:29	2627.82	2623.73		
1794	1:23:27:58	2628.30	2623.81		
1795	1:23:28:26	2628.78	2623.73		
1796	1:23:28:55	2629.26	2623.77		
1797	1:23:29:24	2629.74	2623.77		
1798	1:23:29:53	2630.22	2623.85		
1799	1:23:30:22	2630.70	2623.93		
1800	1:23:30:50	2631.18	2623.93		
1801	1:23:31:19	2631.66	2623.89		
1802	1:23:31:48	2632.14	2623.93		
1803	1:23:32:17	2632.62	2623.89		
1804	1:23:32:46	2633.10	2623.89		
1805	1:23:33:14	2633.58	2623.85		
1806	1:23:33:43	2634.06	2623.89		
1807	1:23:34:12	2634.54	2623.93		
1808	1:23:34:41	2635.02	2623.89		
1809	1:23:35:10	2635.50	2623.93		
1810	1:23:35:38	2635.98	2623.97		
1811	1:23:36:07	2636.46	2623.97		
1812	1:23:36:36	2636.94	2624.09		
1813	1:23:37:05	2637.42	2624.17		
1814	1:23:37:34	2637.90	2624.21		
1815	1:23:38:02	2638.38	2624.24		
1816	1:23:38:31	2638.86	2624.28		
1817	1:23:39:00	2639.34	2624.32		
1818	1:23:39:29	2639.82	2624.32		
1819	1:23:39:58	2640.30	2624.32		
1820	1:23:40:26	2640.78	2624.32		
1821	1:23:40:55	2641.26	2624.32		
1822	1:23:41:24	2641.74	2624.44		
1823	1:23:41:53	2642.22	2624.60		
1824	1:23:42:22	2642.70	2624.52		
1825	1:23:42:50	2643.18	2624.52		
1826	1:23:43:19	2643.66	2624.52		
1827	1:23:43:48	2644.14	2624.52		
1828	1:23:44:17	2644.62	2624.52		
1829	1:23:44:46	2645.10	2624.52		
1830	1:23:45:14	2645.58	2624.48		
1831	1:23:45:43	2646.06	2624.48		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317274

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1832	1:23:46:12	2646.54	2624.40		
1833	1:23:46:41	2647.02	2624.32		
1834	1:23:47:10	2647.50	2624.28		
1835	1:23:47:38	2647.98	2624.21		
1836	1:23:48:07	2648.46	2624.21		
1837	1:23:48:36	2648.94	2624.24		
1838	1:23:49:05	2649.42	2624.13		
1839	1:23:49:34	2649.90	2624.09		
1840	1:23:50:02	2650.38	2624.05		
1841	1:23:50:31	2650.86	2624.09		
1842	1:23:51:00	2651.34	2623.97		
1843	1:23:51:29	2651.82	2623.97		
1844	1:23:51:58	2652.30	2623.97		
1845	1:23:52:26	2652.78	2624.01		
1846	1:23:52:55	2653.26	2623.93		
1847	1:23:53:24	2653.74		202.67	
1848	1:23:53:53	2654.22	2623.61		
1849	1:23:54:22	2654.70	2623.57		
1850	1:23:54:50	2655.18	2623.61		
1851	1:23:55:19	2655.66	2623.61		
1852	1:23:55:48	2656.14	2623.57		
1853	1:23:56:17	2656.62	2623.57		
1854	1:23:56:46	2657.10	2623.49		
1855	1:23:57:14	2657.58	2623.45		
1856	1:23:57:43	2658.06	2623.41		
1857	1:23:58:12	2658.54	2623.37		
1858	1:23:58:41	2659.02	2623.33		
1859	1:23:59:10	2659.50	2623.29		
1860	1:23:59:38	2659.98	2623.29		
1861	2:00:00:07	2660.46	2623.25		
1862	2:00:00:36	2660.94	2622.86		
1863	2:00:01:05	2661.42	2622.82		
1864	2:00:01:34	2661.90	2622.97		
1865	2:00:02:02	2662.38	2622.86		
1866	2:00:02:31	2662.86	2622.54		
1867	2:00:03:00	2663.34	2622.78		
1868	2:00:03:29	2663.82	2623.05		
1869	2:00:03:58	2664.30	2622.78		
1870	2:00:04:26	2664.78	2623.53		
1871	2:00:04:55	2665.26	2624.17		
1872	2:00:05:24	2665.74	2623.97		
1873	2:00:05:53	2666.22	2623.81		
1874	2:00:06:22	2666.70	2623.65		
1875	2:00:06:50	2667.18	2623.57		
1876	2:00:07:19	2667.66	2623.65		
1877	2:00:07:48	2668.14	2623.85		
1878	2:00:08:17	2668.62	2624.05		
1879	2:00:08:46	2669.10	2624.25		
1880	2:00:09:14	2669.58	2624.41		
1881	2:00:09:43	2670.06	2624.60		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317375

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1882	2:00:10:12	2670.54	2624.64		
1883	2:00:10:41	2671.02	2624.72		
1884	2:00:11:10	2671.50	2624.72		
1885	2:00:11:38	2671.98	2624.76		
1886	2:00:12:07	2672.46	2624.76		
1887	2:00:12:36	2672.94	2624.84		
1888	2:00:13:05	2673.42	2624.84		
1889	2:00:13:34	2673.90	2624.92		
1890	2:00:14:02	2674.38	2624.92		
1891	2:00:14:31	2674.86	2624.88		
1892	2:00:15:00	2675.34	2624.76		
1893	2:00:15:29	2675.82	2624.60		
1894	2:00:15:58	2676.30	2624.53		
1895	2:00:16:26	2676.78	2624.45		
1896	2:00:16:55	2677.26	2624.37		
1897	2:00:17:24	2677.74	2624.25		
1898	2:00:17:53	2678.22	2624.13		
1899	2:00:18:22	2678.70	2624.09		
1900	2:00:18:50	2679.18	2624.05		
1901	2:00:19:19	2679.66	2624.21		
1902	2:00:19:48	2680.14	2623.41		
1903	2:00:20:17	2680.62	2623.29		
1904	2:00:20:46	2681.10	2622.94		
1905	2:00:21:14	2681.58	2622.58		
1906	2:00:21:43	2682.06	2623.09		
1907	2:00:22:12	2682.54	2622.46		
1908	2:00:22:41	2683.02	2622.54		
1909	2:00:23:10	2683.50	2621.98		
1910	2:00:23:38	2683.98	2622.74		
1911	2:00:24:07	2684.46	2623.37		
1912	2:00:24:36	2684.94	2623.97		
1913	2:00:25:05	2685.42	2624.17		
1914	2:00:25:34	2685.90	2624.29		
1915	2:00:26:02	2686.38	2624.33		
1916	2:00:26:31	2686.86	2624.25		
1917	2:00:27:00	2687.34	2624.13		
1918	2:00:27:29	2687.82	2624.09		
1919	2:00:27:58	2688.30	2623.97		
1920	2:00:28:26	2688.78	2624.01		
1921	2:00:28:55	2689.26	2624.05		
1922	2:00:29:24	2689.74	2623.93		
1923	2:00:29:53	2690.22	2623.93		
1924	2:00:30:22	2690.70	2623.85		
1925	2:00:30:50	2691.18	2623.81		
1926	2:00:31:19	2691.66	2623.77		
1927	2:00:31:48	2692.14	2623.85		
1928	2:00:32:17	2692.62	2623.89		
1929	2:00:32:46	2693.10	2623.93		
1930	2:00:33:14	2693.58	2624.05		
1931	2:00:33:43	2694.06	2624.13		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317376

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40

DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1932	2:00:34:12	2694.54	2624.13		
1933	2:00:34:41	2695.02	2624.21		
1934	2:00:35:10	2695.50	2624.29		
1935	2:00:35:38	2695.98	2624.29		
1936	2:00:36:07	2696.46	2624.29		
1937	2:00:36:36	2696.94	2624.29		
1938	2:00:37:05	2697.42	2624.29		
1939	2:00:37:34	2697.90	2624.25		
1940	2:00:38:02	2698.38	2624.33		
1941	2:00:38:31	2698.86	2624.37		
1942	2:00:39:00	2699.34	2624.25		
1943	2:00:39:29	2699.82	2623.65		
1944	2:00:39:58	2700.30	2623.53		
1945	2:00:40:26	2700.78	2623.41		
1946	2:00:40:55	2701.26	2623.33		
1947	2:00:41:24	2701.74	2623.57		
1948	2:00:41:53	2702.22		201.78	
1949	2:00:42:22	2702.70	2623.27		
1950	2:00:42:50	2703.18	2623.35		
1951	2:00:43:19	2703.66	2623.63		
1952	2:00:43:48	2704.14	2624.54		
1953	2:00:44:17	2704.62	2623.71		
1954	2:00:44:46	2705.10	2623.79		
1955	2:00:45:14	2705.58	2623.35		
1956	2:00:45:43	2706.06	2622.87		
1957	2:00:46:12	2706.54	2622.39		
1958	2:00:46:41	2707.02	2622.16		
1959	2:00:47:10	2707.50	2622.04		
1960	2:00:47:38	2707.98	2621.88		
1961	2:00:48:07	2708.46	2622.55		
1962	2:00:48:36	2708.94	2622.91		
1963	2:00:49:05	2709.42	2623.23		
1964	2:00:49:34	2709.90	2623.59		
1965	2:00:50:02	2710.38	2623.79		
1966	2:00:50:31	2710.86	2623.90		
1967	2:00:51:00	2711.34	2624.02		
1968	2:00:51:29	2711.82	2623.94		
1969	2:00:51:58	2712.30	2623.98		
1970	2:00:52:26	2712.78	2623.79		
1971	2:00:52:55	2713.26	2623.43		
1972	2:00:53:24	2713.74	2623.55		
1973	2:00:53:53	2714.22	2623.90		
1974	2:00:54:22	2714.70	2624.22		
1975	2:00:54:50	2715.18	2624.58		
1976	2:00:55:19	2715.66	2624.86		
1977	2:00:55:48	2716.14	2625.18		
1978	2:00:56:17	2716.62	2625.30		
1979	2:00:56:46	2717.10	2625.42		
1980	2:00:57:14	2717.58	2625.49		
1981	2:00:57:43	2718.06	2625.49		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

LEASE NAME :YOLLA
LEASE OWNER:AMOCO AUSTRALIA
WELL NUMBER: 1
START TIME :03:39:40 DEPTH :5865.32

DATE : 21 / 9 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316606

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1982	2:00:58:12	2718.54	2625.53		
1983	2:00:58:41	2719.02	2625.61		
1984	2:00:59:10	2719.50	2625.61		
1985	2:00:59:38	2719.98	2625.65		
1986	2:01:04:44	2725.08		201.55	
1987	2:01:09:50	2730.18	2626.45		
1988	2:01:14:56	2735.28	2626.65		
1989	2:01:20:02	2740.38	2626.77		
1990	2:01:25:08	2745.48	2626.97		
1991	2:01:30:14	2750.58	2627.01		
1992	2:01:35:20	2755.68	2627.21		
1993	2:01:40:26	2760.78	2627.29		
1994	2:01:45:32	2765.88	2627.45		
1995	2:01:50:38	2770.98	2627.61		
1996	2:01:55:44	2776.08	2627.64		
1997	2:02:00:50	2781.18	2627.49		
1998	2:02:05:56	2786.28	2627.72		
1999	2:02:11:02	2791.38	2627.92		
2000	2:02:16:08	2796.48	2627.96		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

3173774

NOMENCLATURE

B	=	Formation Volume Factor (Res Vol / Std Vol)	—
c_t	=	System Total Compressibility	(Vol / Vol) / psi
DR	=	Damage Ratio	—
h	=	Estimated Net Pay Thickness	Ft
k	=	Permeability	md
m	=	(Liquid) Slope Extrapolated Pressure Plot	psi/cycle
		(Gas) Slope Extrapolated m(P) Plot	MM psi^2/cp/cycle
$m(P^*)$	=	Real Gas Potential at P^*	MM psi^2/cp
$m(P_f)$	=	Real Gas Potential at P_f	MM psi^2/cp
AOF_1	=	Maximum Indicated Absolute Open Flow at Test Conditions	MCFD
AOF_2	=	Minimum Indicated Absolute Open Flow at Test Conditions	MCFD
P^*	=	Extrapolated Static Pressure	Psig
P_f	=	Final Flow Pressure	Psig
Q	=	Liquid Production Rate During Test	BPD
Q_1	=	Theoretical Liquid Production w/ Damage Removed	BPD
Q_g	=	Measured Gas Production Rate	MCFD
r_i	=	Approximate Radius of Investigation	Ft
r_w	=	Radius of Well Bore	Ft
S	=	Skin Factor	
t	=	Total Flow Time Previous to Closed-in	Minutes
Δt	=	Closed-in Time at Data Point	Minutes
T	=	Temperature Rankine	°R
ϕ	=	Porosity	—
μ	=	Viscosity of Gas or Liquid	cp
Log	=	Common Log	

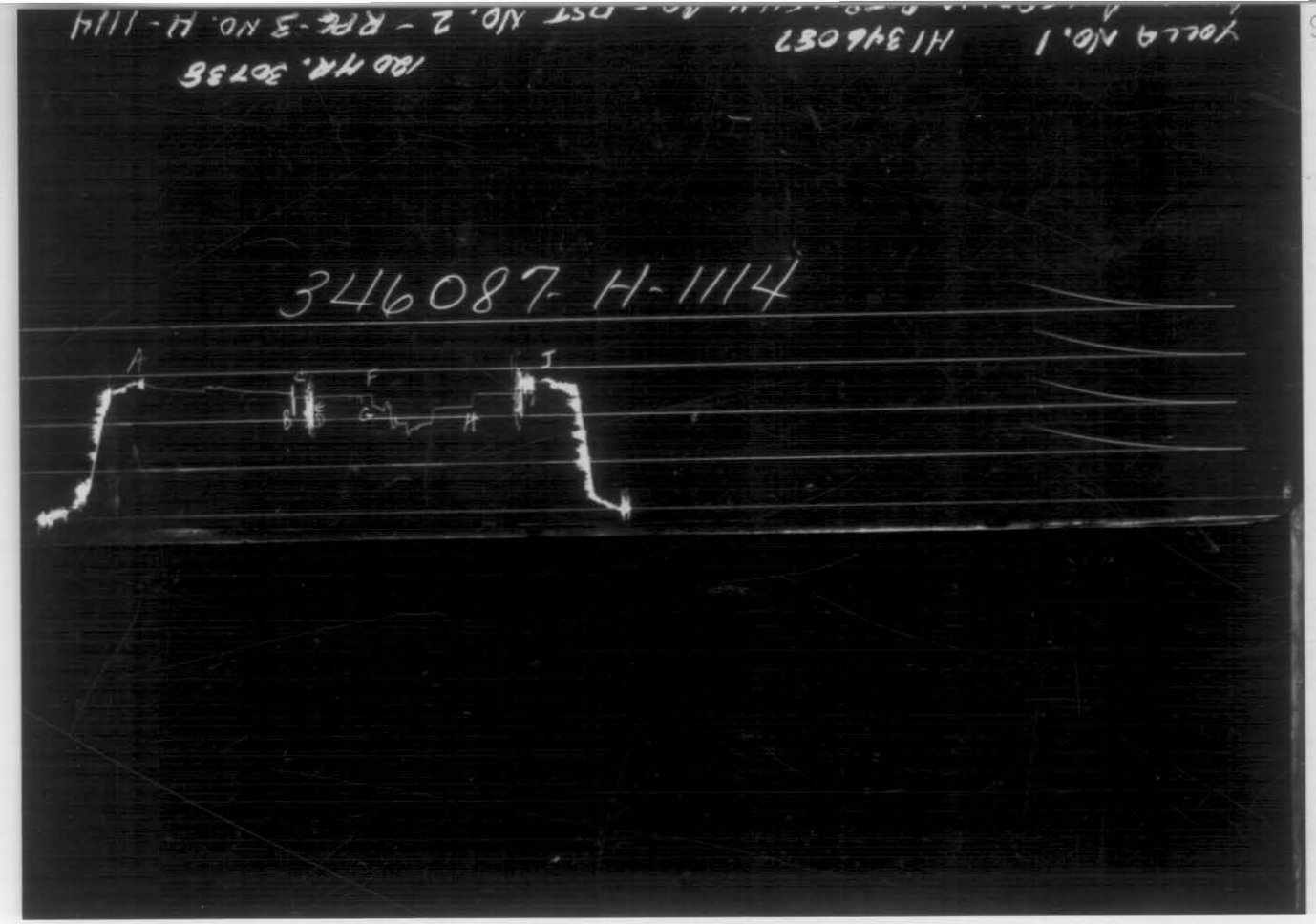
ENCLOSURE. 7.

317378

TICKET NO. 34608700
08-OCT-85
SALE

FORMATION TESTING SERVICE REPORT

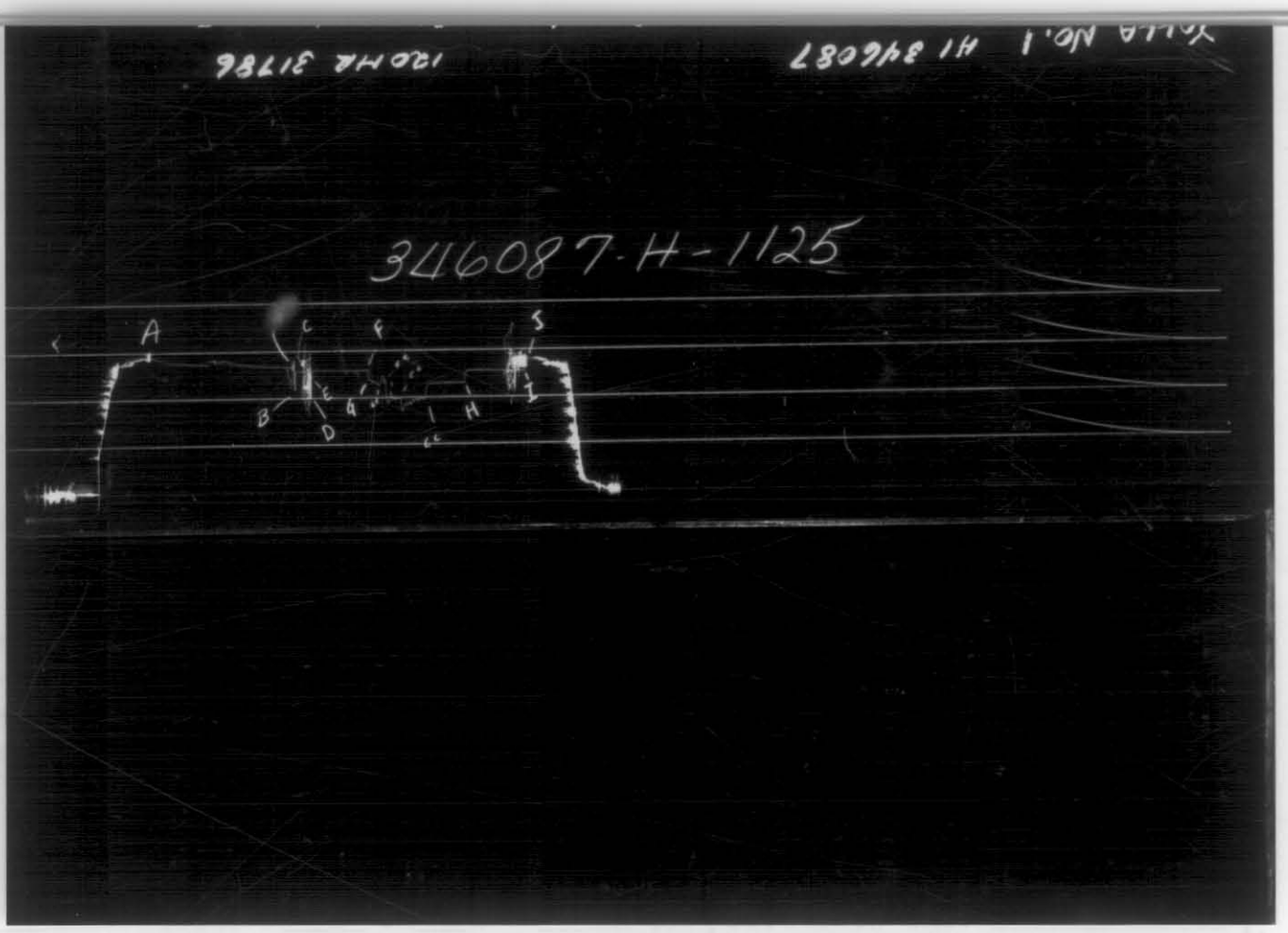
YOLLA	1	2	5822.3 - 6600.0	AMOCO AUSTRALIA PETROLEUM COMPANY	
LEASE NAME	WELL NO.	TEST NO.	TESTED INTERVAL	LEASE OWNER/COMPANY NAME	
LEGAL LOCATION SEC. - TWP. - RNG.	FIELD AREA	COUNTY	STATE		
SEE REMARKS	BASS STRAIT	TASMANIA	AUSTRALIA SM		



GAUGE NO: 1114 DEPTH: 5806.6 BLANKED OFF: NO HOUR OF CLOCK: 120

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2911	2845.5			
B	MINIMUM PRESSURE RELEASE		2107.3			
C	PSI BEFORE PERFORATING		2484.3			
D	INITIAL FIRST FLOW	2173	2285.3	10	9	F
E	FINAL FIRST FLOW	2173	2308.9			
E	INITIAL FIRST CLOSED-IN	2173	2308.9	347	341	C
F	FINAL FIRST CLOSED-IN	2513	2491.6			
G	INITIAL SECOND FLOW	2230	2306.3	580	577	F
H	FINAL SECOND FLOW	2288	2237.7			
H	INITIAL SECOND CLOSED-IN	2288	2237.7	354	364	C
I	FINAL SECOND CLOSED-IN	2565	2492.1			
J	FINAL HYDROSTATIC	2806	2757.1			

317379



GAUGE NO: 1125 DEPTH: 5806.6 BLANKED OFF: NO HOUR OF CLOCK: 120

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2890	2895.8			
B	MINIMUM PRESSURE RELEASE		2182.2			
C	PSI BEFORE PERFORATING		2576.4			
D	INITIAL FIRST FLOW	2178	2350.3	10	9	F
E	FINAL FIRST FLOW	2178	2414.7			
E	INITIAL FIRST CLOSED-IN	2178	2414.7	347	341	C
F	FINAL FIRST CLOSED-IN	2571	2591.1			
G	INITIAL SECOND FLOW	2262	2394.2	580	577	F
H	FINAL SECOND FLOW	2304	2319.4			
H	INITIAL SECOND CLOSED-IN	2304	2319.4	354	364	C
I	FINAL SECOND CLOSED-IN	2550	2563.4			
J	FINAL HYDROSTATIC	2843	2823.6			

317280

EQUIPMENT & HOLE DATA

FORMATION TESTED: UPPER EASTERN VIEW
NET PAY (ft): 16.4
GROSS TESTED FOOTAGE: 777.7
ALL DEPTHS MEASURED FROM: R KELLY BUSHING
CASING PERFS. (ft): 6004.23-6020.64'
HOLE OR CASING SIZE (in): 9.625
ELEVATION (ft): 37.0
TOTAL DEPTH (ft): 6600.0
PACKER DEPTH(S) (ft): 5822
FINAL SURFACE CHOKE (in): 0.50000
BOTTOM HOLE CHOKE (in): 2.250
MUD WEIGHT (lb/gal): 9.60
MUD VISCOSITY (sec): 39
ESTIMATED HOLE TEMP. (°F):
ACTUAL HOLE TEMP. (°F): 204 @ 5806.6 ft

TICKET NUMBER: 34608700

DATE: 9-21-85 TEST NO: 2

TYPE DST: CASED HOLE-APR

HALLIBURTON CAMP: SALE

TESTER: RON BAKER
D. HOOKHAM-M.PARSONS

WITNESS: L.R.??

DRILLING CONTRACTOR: GLOBAL MARINE DRILLING COMPANY

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm

SAMPLER DATA

Psig AT SURFACE:
cu.ft. OF GAS:
cc OF OIL:
cc OF WATER:
cc OF MUD:
TOTAL LIQUID cc:

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): @ °F
GAS/OIL RATIO (cu.ft. per bbl):
GAS GRAVITY: 0.811

CUSHION DATA

TYPE	AMOUNT	WEIGHT
DIESEL (BBLS)	91.0	6.80

RECOVERED:

MEASURED FROM TESTER VALVE

REMARKS:

THE REQUESTED CALCULATION SERVICE COULD NOT BE PERFORMED DUE TO INSUFFICIENT DRAWDOWN OF THE FORMATION TO ALLOW TRANSIENT BUILDUP DURING THE CLOSED-IN PERIODS. RESERVOIR PRESSURE APPEARS TO HAVE STABILIZED DURING EACH CLOSED-IN. VARIOUS ANALYSIS PLOTS ARE INCLUDED AT THE END OF THIS REPORT FOR YOUR INSPECTION.

SEE NEXT PAGE FOR ADDITIONAL REMARKS.....

TYPE & SIZE MEASURING DEVICE: BARTON 5.761" | TICKET NO: 34608700

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
					ADDITIONAL REMARKS
					UNABLE TO GET GOR AT SEPARATOR
					DUE TO WATER PRODUCTION.
					OIL GRAVITY VARIED FROM 43 TO
					48 API AT 60 DEGREES F.
					LEGAL LOCATION IS LAT. 039
					DEGREES, 50', 18.96"S. AND
					LONG. 145 DEGREES, 48', 21.2"E.
					PRODUCTION TEST DATA
9-21-85					
0340					STARTED RPG 3 # 1114-120 HR.
					CLOCK
0344					STARTED RPG 3 # 1125-120 HR.
					CLOCK
0350					STARTED RT 7 NO. HT-1008-72
					HOUR CLOCK
0355					STARTED RT 7 NO. HT-1307- 72
					HOUR CLOCK
0400					LOADED E.M.R.'S
0410					STARTED PICKING UP TOOLS
0725					TOOLS IIN HOLE
0815					SET PACKER AND PRESSURE TESTED
					DST STRING TO 5000 PSI ON TOP
					OF LPR N
1411					SET PACKER
1510					PUMPED WATER THROUGH SURFACE
					LINES, OTIS TEST TREE AND TEST
					MANIFOLD TO FLARE BOOM.
1515					TESTED SURFACE LINES AND
					EQUIPMENT
1630					TEST DST STRING TO 5000 PSI/10
					MIN.
1645					RIGGED UP SLINGS, BAILS, AND
					SCHLUMBERGER LUBRICATOR-

317282

TYPE & SIZE MEASURING DEVICE: BARTON 5.761"					TICKET NO: 34608700
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
					OPENED TOP CIRCULATING VALVE-
					DISPLACED WITH 91 BBLS DIESEL
2142					CLOSED TOP CIRCULATING VALVE
2145					RELEASED DISPLACEMENT PRESSURE
					1/2 BBL RETURN
2151					PRESSURE TESTED SCHLUMBERGER
					LUBRICATOR TO 5000 PSI/10 MIN.
9-22-85					
0437					OPENED LPR-N TO CLOSED CHOKE
					MANIFOLD - RAN IN HOLE WITH
					JET GUNS.
0551					OPENED CHOKE MANIFOLD
0552					CLOSED CHOKE MANIFOLD
0625	8/64	100			PERFORATED WITH JET GUNS
0630	8/64	135			WELL FLOWING
0635		145			CLOSED CHOKE MANIFOLD
0645		320			
0700		330			
0715		342			
0735		350			CLOSED LUBRICATOR VALVE
0910					RIGGED DOWN SCHLUMBERGER AND
					RIGGED UP OTIS LUBRICATOR
0947					PUMPED WATER TO FILL
					LUBRICATOR- TEST TO 3000 PSI
					PER 10 MINUTES.
1007					OPENED LUBRICATOR VALVE.
1010		350			
1015		350			RAN IN HOLE WITH SRO
1030		355			CLOSED MASTER VALVE -COULD NOT
					RUN IN HOLE WITH SRO
1033					BLED OFF PRESSURE
1057		357			OPENED MASTER VALVE
1108					CLOSED LUBRICATOR VALVE
1117		350			RAN IN HOLE WITH SRO
1132		370			
1222	8/64	200			OPENED CHOKE MANIFOLD-
					ADJUSTABLE CHOKE

TYPE & SIZE MEASURING DEVICE: BARTON 5.761"					TICKET NO: 34608700
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
1230	8/64	165			WELL FLOWING
1245	8/6	235			
1300	8/64	370			
1309	8/64	540			GAS CUT DIESEL TO SURFACE
1315	8/64	570			GAS TO THE SURFACE
1319					CHOKE MANIFOLD PLUGGING
1326	16/64				RAT HOLE MUD TO SURFACE-
					POSITIVE CHOKE
1332	16/64	1040			MUD TO THE SURFACE
1345	16/64	1100			
1349	24/64	1185			CHANGED TO ADJUSTABLE CHOKE
1352					CLOSED CHOKE MANIFOLD - BROKEN
					VALVE
1353	16/64	1190			POSITIVE CHOKE - OPENED MANIFOLD
1402	32/64				ADJUSTABLE CHOKE
1403	32/64	1120			GAS CUT WATER TO SURFACE
1414	28/64				CHANGED CHOKE SIZE
1416	28/64	905			
1417	24/64	930			CHANGED CHOKE SIZE
1430	24/64	1100			CHANGED TO POSITIVE CHOKE
1434	32/64	1070			CHANGED TO ADJUSTABLE CHOKE
1444	40/64	1010			POSITIVE CHOKE
1500	40/64	1045			GAS CUT WATER
1515	40/64	1045			
1535	58/64				CHANGED TO VARIABLE CHOKE
1538	48/64	880			ADJUSTABLE CHOKE
1543	46/64	860			POSITIVE CHOKE
1605	46/64	930			OPENED TO SEPARATOR
1630	46/64	960			
1700	46/64	955			
1730	46/64	900			
1755	32/64	990			ADJUSTABLE CHOKE
1800	32/64	1015			
1802	32/64				POSITIVE CHOKE
1830	32/64	1195			
1900	32/64	1185			.1% SAND, 4.5% CONDENSATE,
					95.4% WATER

TYPE & SIZE MEASURING DEVICE: BARTON 5.761" | TICKET NO: 34608700

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
1930	32/64	1194	2125		
2000	32/64	1194	2133		
2030	32/64	1194	2151		
2100	32/64	1200	2170		
2130	32/64	1205	2242		1600 BBLS. OF WATER PER DAY
2202					CLOSED IN AT CHOKE MANIFOLD
9-23-85					
0356					OPENED BYPASS

317385

TICKET NO: 34608700	GAUGE NO: 1114
CLOCK NO: 30738 HOUR: 120	DEPTH: 5806.6

HALLIBURTON SERVICES

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
FIRST FLOW					
D 1	0	2285.3			
E 2	9	2308.9	23.6		
FIRST CLOSED-IN					
E 1	0	2308.9			
2	1	2468.1	159.2	0.9	0.969
3	2	2476.4	167.5	1.6	0.712
4	3	2479.6	170.7	2.2	0.576
5	4	2479.6	170.7	2.8	0.488
6	5	2481.2	172.3	3.1	0.433
7	6	2484.3	175.4	3.5	0.384
8	7	2485.9	177.0	3.8	0.345
9	8	2490.1	181.2	4.1	0.313
10	9	2490.1	181.2	4.4	0.287
11	10	2492.1	183.2	4.6	0.266
12	12	2492.1	183.2	5.0	0.231
13	14	2492.1	183.2	5.3	0.204
14	16	2493.2	184.3	5.5	0.184
15	18	2493.2	184.3	5.8	0.167
16	20	2493.2	184.3	6.0	0.153
17	22	2493.2	184.3	6.1	0.142
18	24	2493.2	184.3	6.3	0.131
19	26	2493.2	184.3	6.4	0.123
20	28	2493.2	184.3	6.5	0.115
21	30	2493.2	184.3	6.6	0.108
22	35	2493.2	184.3	6.8	0.094
23	40	2493.2	184.3	7.0	0.084
24	45	2493.2	184.3	7.1	0.075
25	50	2493.2	184.3	7.3	0.068
26	55	2493.2	184.3	7.4	0.062
27	60	2493.2	184.3	7.4	0.057
28	70	2493.2	184.3	7.6	0.050
29	80	2492.7	183.8	7.7	0.044
30	90	2492.7	183.8	7.8	0.039
31	100	2492.7	183.8	7.8	0.035
32	110	2492.7	183.8	7.9	0.032
33	120	2492.7	183.8	7.9	0.030
34	135	2492.7	183.8	8.0	0.026
35	150	2492.7	183.8	8.0	0.024
36	165	2492.7	183.8	8.1	0.022
37	180	2492.7	183.8	8.1	0.020
38	195	2492.7	183.8	8.1	0.018
39	210	2494.8	185.9	8.2	0.017
40	225	2486.9	178.0	8.2	0.016
41	240	2486.9	178.0	8.2	0.015
42	260	2486.9	178.0	8.2	0.014
43	280	2489.0	180.1	8.2	0.013
44	300	2490.1	181.2	8.2	0.012
45	320	2492.1	183.2	8.3	0.011

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
FIRST CLOSED-IN – CONTINUED					
F 46	341	2491.6	182.7	8.3	0.011
SECOND FLOW					
G 1	0	2306.3			
2	20	2258.1	-48.2		
3	40	2224.1	-34.0		
4	60	2183.2	-40.8		
[1] 5	64	2167.5	-15.7		
6	80	2348.2	180.6		
[1] 7	88	2361.3	13.1		
8	100	2283.2	-78.0		
9	120	1830.7	-452.6		
10	140	1924.9	94.2		
11	160	1901.1	-23.8		
12	180	1896.8	-4.2		
[1] 13	192	1913.2	16.4		
14	200	1691.0	-222.2		
15	220	1767.2	76.2		
16	240	1772.0	4.8		
17	260	1765.1	-6.9		
18	280	1865.6	100.5		
19	300	1878.3	12.7		
20	320	1902.6	24.3		
[1] 21	334	1881.0	-21.7		
22	340	1922.8	41.8		
23	360	2190.6	267.8		
24	380	2210.5	19.9		
25	400	2216.8	6.3		
26	420	2219.9	3.1		
27	440	2222.5	2.6		
28	460	2225.1	2.6		
29	480	2225.7	0.5		
30	500	2227.2	1.6		
31	520	2233.0	5.8		
32	540	2235.6	2.6		
33	560	2236.1	0.5		
H 34	577	2237.7	1.6		
SECOND CLOSED-IN					
H 1	0	2237.7			
2	1	2305.8	68.1	1.0	2.747
3	2	2358.6	120.9	2.1	2.447
4	3	2391.1	153.4	3.0	2.292
5	4	2418.3	180.6	4.0	2.163
6	5	2431.4	193.7	5.1	2.063
7	6	2443.5	205.8	5.9	1.993
8	7	2450.3	212.6	7.0	1.924
9	8	2452.4	214.7	7.9	1.873
10	9	2455.0	217.3	8.9	1.820

LEGEND:
[1] CHOKE CHANGE

REMARKS:

317286

TICKET NO: 34608700	GAUGE NO: 1114
CLOCK NO: 30738 HOUR: 120	DEPTH: 5806.6

HALLIBURTON SERVICES

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
11	10	2456.5	218.8	9.9	1.772
12	12	2463.4	225.7	11.8	1.697
13	14	2467.0	229.3	13.8	1.628
14	16	2471.7	234.0	15.6	1.574
15	18	2475.9	238.2	17.5	1.525
16	20	2475.9	238.2	19.5	1.479
17	22	2479.1	241.4	21.3	1.440
18	24	2479.6	241.9	23.1	1.404
19	26	2481.7	244.0	25.0	1.370
20	28	2482.2	244.5	26.8	1.340
21	30	2483.8	246.1	28.6	1.312
22	35	2483.8	246.1	33.0	1.249
23	40	2484.3	246.6	37.5	1.193
24	45	2484.8	247.1	41.8	1.146
25	50	2485.3	247.6	46.1	1.104
26	55	2486.9	249.2	50.2	1.067
27	60	2489.0	251.3	54.5	1.031
28	70	2489.0	251.3	62.5	0.972
29	80	2490.1	252.4	70.5	0.919
30	90	2490.1	252.4	78.1	0.875
31	100	2490.1	252.4	85.5	0.836
32	110	2489.0	251.3	92.8	0.800
33	120	2489.0	251.3	99.6	0.770
34	135	2489.0	251.3	109.8	0.727
35	150	2489.0	251.3	119.4	0.691
36	165	2484.8	247.1	128.7	0.658
37	180	2481.7	244.0	137.8	0.628
38	195	2481.2	243.5	146.4	0.602
39	210	2481.2	243.5	154.7	0.578
40	225	2481.2	243.5	162.7	0.556
41	240	2481.2	243.5	170.3	0.536
42	260	2481.2	243.5	180.1	0.512
43	280	2479.6	241.9	189.5	0.490
44	300	2479.6	241.9	198.5	0.470
45	320	2493.2	255.5	206.9	0.452
46	340	2493.7	256.0	215.2	0.435
47	360	2493.7	256.0	223.0	0.419
I 48	364	2492.1	254.5	224.5	0.417

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$

LEGEND:
[1] CHOKE CHANGE

REMARKS:

317287

TICKET NO: 34608700	GAUGE NO: 1125
CLOCK NO: 31786 HOUR: 120	DEPTH: 5806.6

HALLIBURTON SERVICES

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
FIRST FLOW					
D 1	0	2350.3			
E 2	9	2414.7	64.4		
FIRST CLOSED-IN					
E 1	0	2414.7			
2	1	2559.7	145.0	0.9	0.961
3	2	2568.1	153.4	1.7	0.705
4	3	2581.7	167.0	2.3	0.570
5	4	2584.8	170.2	2.7	0.493
6	5	2585.9	171.2	3.2	0.428
7	6	2587.4	172.8	3.5	0.385
8	7	2589.5	174.9	3.9	0.340
9	8	2592.7	178.0	4.1	0.313
10	9	2593.7	179.1	4.4	0.287
11	10	2594.8	180.1	4.6	0.267
12	12	2594.8	180.1	5.0	0.231
13	14	2596.3	181.7	5.3	0.204
14	16	2596.3	181.7	5.6	0.184
15	18	2596.3	181.7	5.8	0.168
16	20	2596.3	181.7	6.0	0.153
17	22	2596.3	181.7	6.1	0.141
18	24	2596.3	181.7	6.3	0.131
19	26	2593.7	179.1	6.4	0.122
20	28	2593.7	179.1	6.5	0.115
21	30	2593.7	179.1	6.6	0.108
22	35	2593.7	179.1	6.8	0.094
23	40	2593.7	179.1	7.0	0.083
24	45	2593.7	179.1	7.1	0.075
25	50	2593.7	179.1	7.3	0.068
26	55	2593.7	179.1	7.3	0.062
27	60	2593.7	179.1	7.4	0.057
28	70	2593.7	179.1	7.6	0.050
29	80	2593.7	179.1	7.7	0.044
30	90	2593.7	179.1	7.8	0.039
31	100	2593.7	179.1	7.8	0.035
32	110	2593.7	179.1	7.9	0.032
33	120	2593.7	179.1	7.9	0.030
34	135	2593.7	179.1	8.0	0.026
35	150	2592.1	177.5	8.0	0.024
36	165	2592.1	177.5	8.1	0.022
37	180	2592.1	177.5	8.1	0.020
38	195	2592.1	177.5	8.1	0.018
39	210	2589.0	174.3	8.2	0.017
40	225	2589.0	174.3	8.2	0.016
41	240	2589.0	174.3	8.2	0.015
42	260	2586.9	172.3	8.2	0.014
43	280	2586.9	172.3	8.2	0.013
44	300	2590.1	175.4	8.2	0.012
45	320	2590.1	175.4	8.3	0.011

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
FIRST CLOSED-IN - CONTINUED					
F 46	341	2591.1	176.4	8.3	0.011
SECOND FLOW					
G 1	0	2394.2			
2	20	2352.9	-41.4		
3	40	2318.3	-34.6		
4	60	2273.3	-45.0		
[1] 5	64	2254.5	-18.8		
6	80	2450.3	195.8		
[1] 7	88	2463.9	13.6		
8	100	2351.3	-112.6		
9	120	1916.8	-434.6		
10	140	2009.4	92.7		
11	160	1986.9	-22.5		
12	180	1994.8	7.9		
[1] 13	192	2005.8	11.0		
14	200	1714.1	-291.6		
15	220	1869.6	155.5		
16	240	1886.4	16.8		
17	260	1909.9	23.6		
18	280	1940.8	30.9		
19	300	1968.6	27.7		
20	320	1992.7	24.1		
[1] 21	334	1966.5	-26.2		
22	340	2037.2	70.7		
23	360	2284.3	247.1		
24	380	2296.9	12.6		
25	400	2307.3	10.5		
26	420	2307.9	0.5		
27	440	2309.4	1.6		
28	460	2311.5	2.1		
29	480	2314.1	2.6		
30	500	2314.1	0.0		
31	520	2314.7	0.5		
32	540	2315.7	1.0		
33	560	2318.3	2.6		
H 34	577	2319.4	1.0		
SECOND CLOSED-IN					
H 1	0	2319.4			
2	1	2392.1	72.8	1.2	2.693
3	2	2414.7	95.3	2.1	2.450
4	3	2461.3	141.9	3.0	2.296
5	4	2501.0	181.7	4.0	2.167
6	5	2513.6	194.2	5.0	2.067
7	6	2526.2	206.8	5.9	1.997
8	7	2536.6	217.3	6.9	1.928
9	8	2542.4	223.0	7.9	1.869
10	9	2548.2	228.8	8.9	1.816

LEGEND:
[1] CHOKE CHANGE

REMARKS:

317288

TICKET NO: 34608700	GAUGE NO: 1125
CLOCK NO: 31786 HOUR: 120	DEPTH: 5806.6

HALLIBURTON SERVICES

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
SECOND CLOSED-IN - CONTINUED					
11	10	2552.4	233.0	9.8	1.776
12	12	2555.5	236.1	11.8	1.695
13	14	2559.7	240.3	13.8	1.628
14	16	2563.4	244.0	15.6	1.573
15	18	2566.5	247.1	17.5	1.525
16	20	2569.1	249.7	19.4	1.479
17	22	2571.2	251.8	21.2	1.441
18	24	2572.8	253.4	23.0	1.406
19	26	2573.3	253.9	24.9	1.371
20	28	2573.3	253.9	26.8	1.339
21	30	2573.3	253.9	28.6	1.311
22	35	2573.8	254.5	33.0	1.249
23	40	2574.9	255.5	37.5	1.194
24	45	2574.9	255.5	41.9	1.146
25	50	2575.9	256.5	46.2	1.103
26	55	2577.0	257.6	50.3	1.066
27	60	2578.5	259.2	54.5	1.031
28	70	2579.1	259.7	62.6	0.971
29	80	2579.1	259.7	70.4	0.920
30	90	2579.1	259.7	78.0	0.875
31	100	2576.4	257.1	85.3	0.837
32	110	2576.4	257.1	92.7	0.801
33	120	2576.4	257.1	99.8	0.769
34	135	2576.4	257.1	109.8	0.727
35	150	2576.4	257.1	119.4	0.691
36	165	2573.3	253.9	128.8	0.658
37	180	2568.1	248.7	137.7	0.629
38	195	2568.1	248.7	146.3	0.602
39	210	2568.1	248.7	154.6	0.579
40	225	2568.1	248.7	162.6	0.556
41	240	2568.6	249.2	170.2	0.537
42	260	2568.6	249.2	180.0	0.512
43	280	2564.9	245.5	189.5	0.490
44	300	2566.0	246.6	198.4	0.470
45	320	2566.0	246.6	207.0	0.452
46	340	2566.0	246.6	215.1	0.435
47	360	2566.0	246.6	223.0	0.419
I 48	364	2563.4	244.0	224.5	0.417

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$

LEGEND:
[1] CHOKE CHANGE

REMARKS:

317389

TICKET NO. 34608700

		O.D.	I.D.	LENGTH	DEPTH
1	DRILL PIPE.....	5.000	3.000	30.5	
6	SUB-SEA TEST TREE.....	18.000	2.830	18.0	
1	DRILL PIPE.....	5.000	3.687	4726.7	
4	FLEX WEIGHT.....	5.000	3.000	301.9	
5	CROSSOVER.....	6.250	2.375	1.0	
93	FUL-FLO SAFETY VALVE.....	5.000	2.250	4.8	5322.3
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.813	93.0	
5	CROSSOVER.....	5.750	2.600	1.0	
10	SLIP JOINT.....	5.000	2.250	18.2	
10	SLIP JOINT.....	5.000	2.250	16.2	
10	SLIP JOINT.....	5.000	2.250	13.2	
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.813	183.8	
5	CROSSOVER.....	5.750	2.600	1.0	
57	FUL-FLO HYDRAULIC BYPASS.....	4.625	2.250	7.2	5661.8
10	SLIP JOINT.....	5.000	2.250	13.2	
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.813	92.7	
5	CROSSOVER.....	5.750	2.600	1.0	
54	APR-M2 SAFETY CIRCULATING VALVE.	5.030	2.250	7.5	5776.4
64	APR-N TESTER.....	5.000	2.250	16.4	5779.3
15	JAR.....	4.625	2.250	5.0	
84	BUNDLE CARRIER.....	5.375	2.250	8.0	5806.6
57	FUL-FLO HYDRAULIC BYPASS.....	4.625	2.250	7.2	5813.0
5	CROSSOVER.....	4.750	2.375	1.0	
16	VR SAFETY JOINT.....	4.625	2.250	4.8	

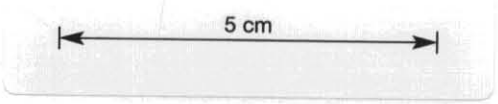
CONTINUED

5 cm

EQUIPMENT DATA

TICKET NO. 34608700

		O.D.	I.D.	LENGTH	DEPTH
71	CASING PACKER.....	8.150	3.750	5.3	5822.3
1	DRILL PIPE.....	5.000	3.687	31.5	
5	CROSSOVER.....	6.250	2.375	1.0	
84	BUNDLE CARRIER.....	5.375	2.250	8.0	5865.3
5	CROSSOVER.....	6.750	2.600	1.4	
39	DRAG BLOCK.....	8.150			
5	CROSSOVER.....	6.750	2.600	1.4	
	TOTAL DEPTH				6600.0



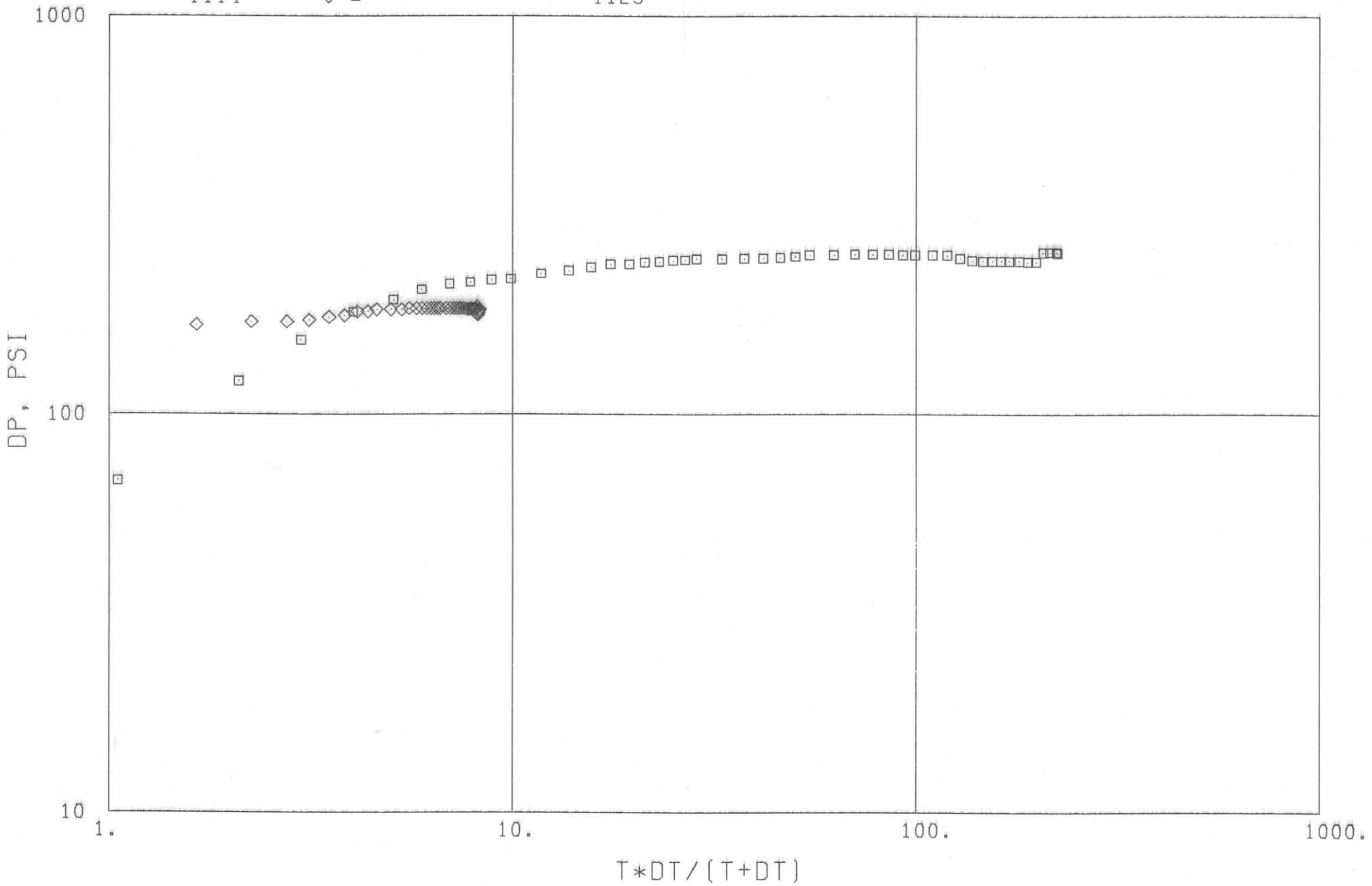
EQUIPMENT DATA

GAUGE NO CIP 1 2
1114 ◇ □

GAUGE NO CIP 1 2
1125

317392

TICKET NO 34608700



705

317393

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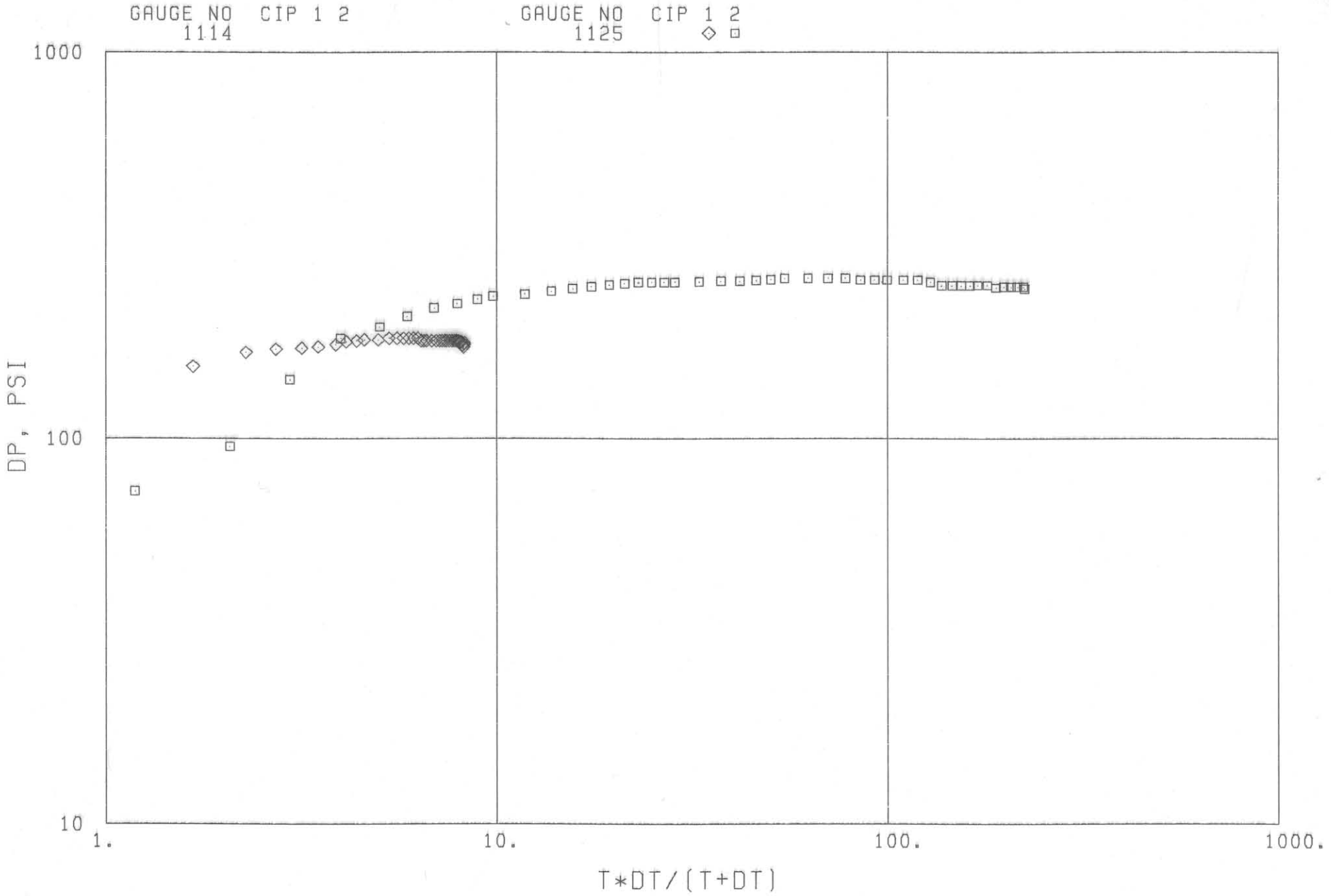
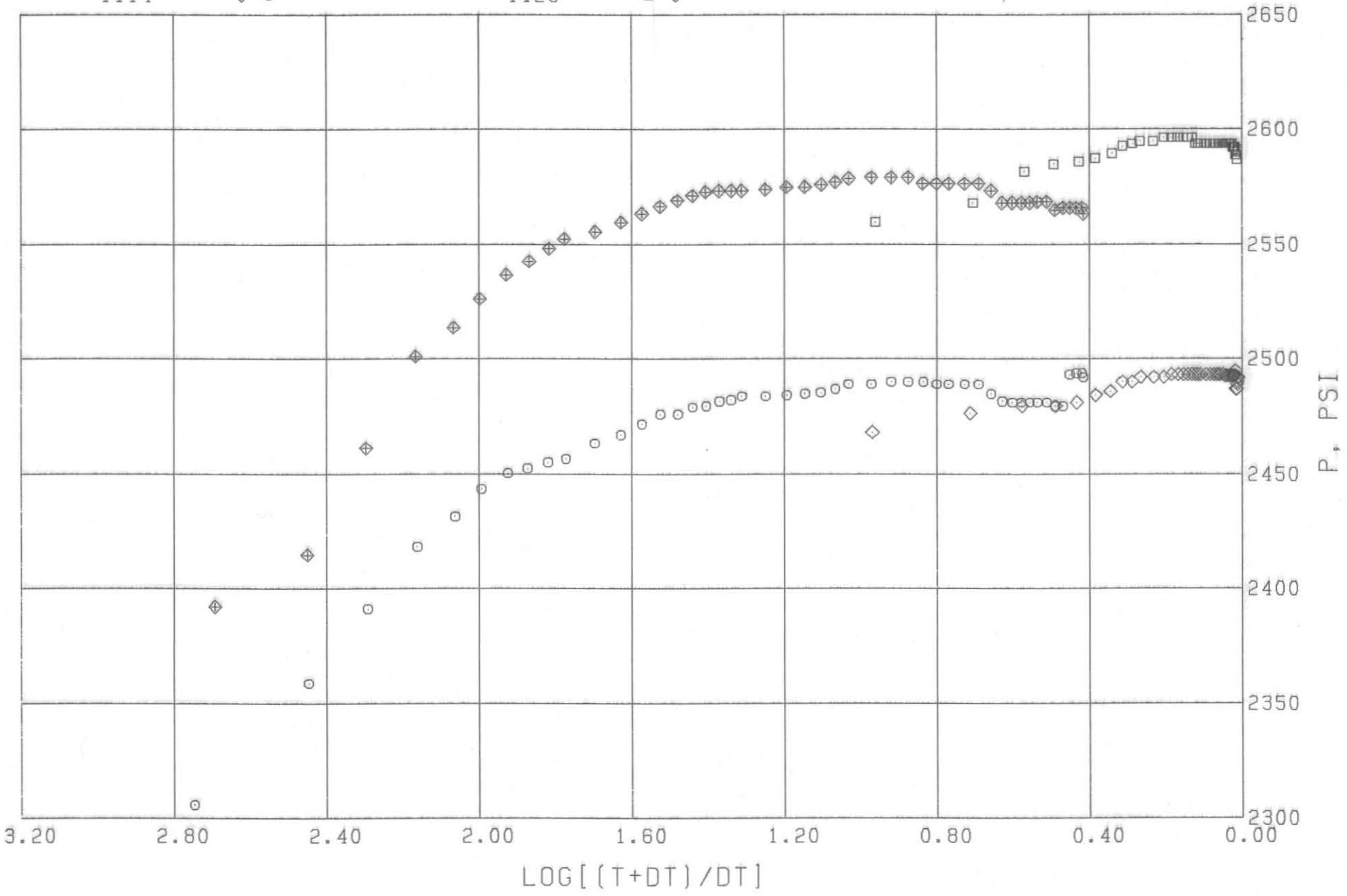


706

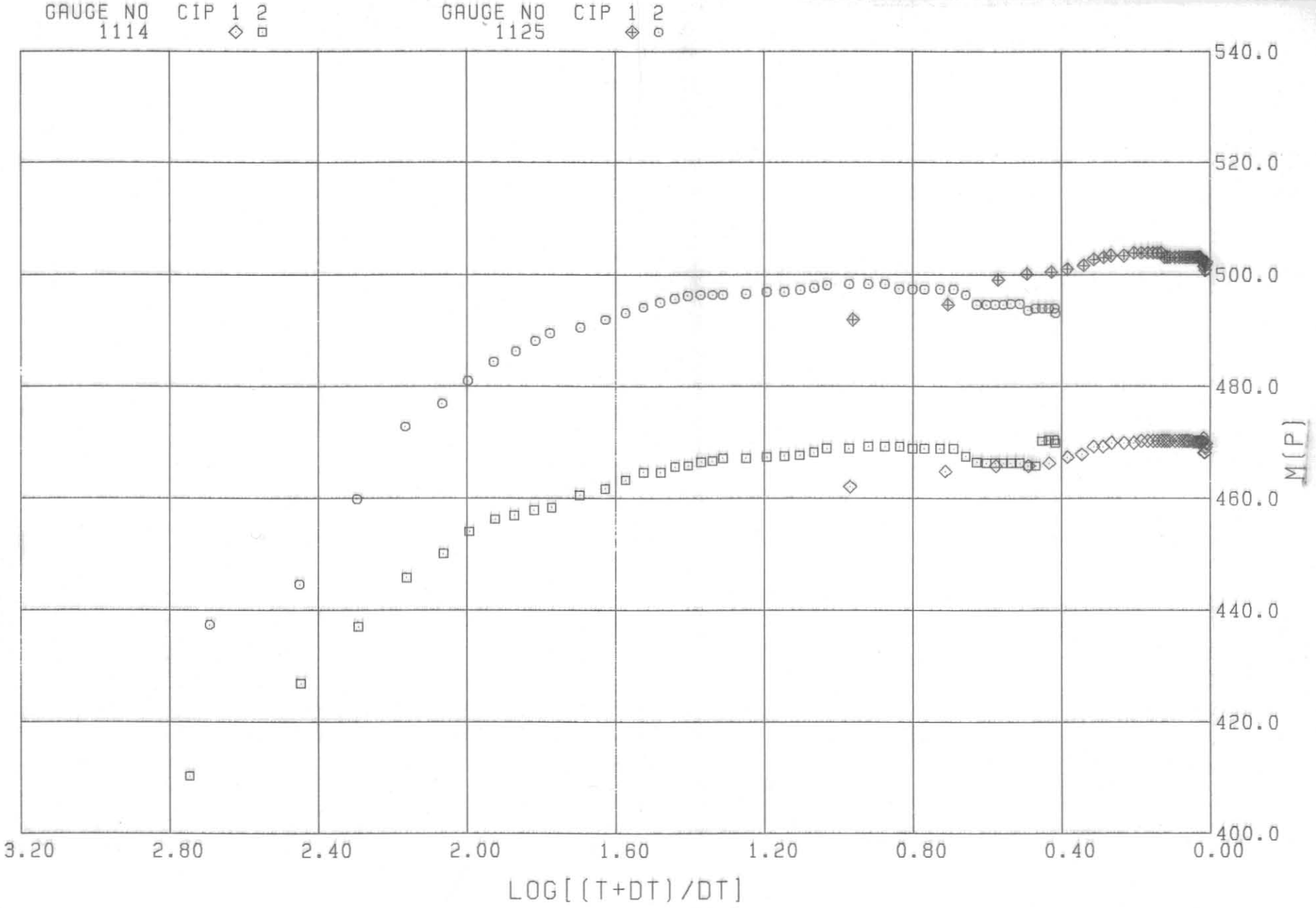
317294

TICKET NO 34608700

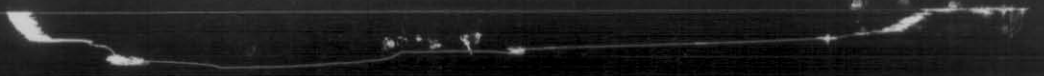


707

317295 TICKET NO 34608700



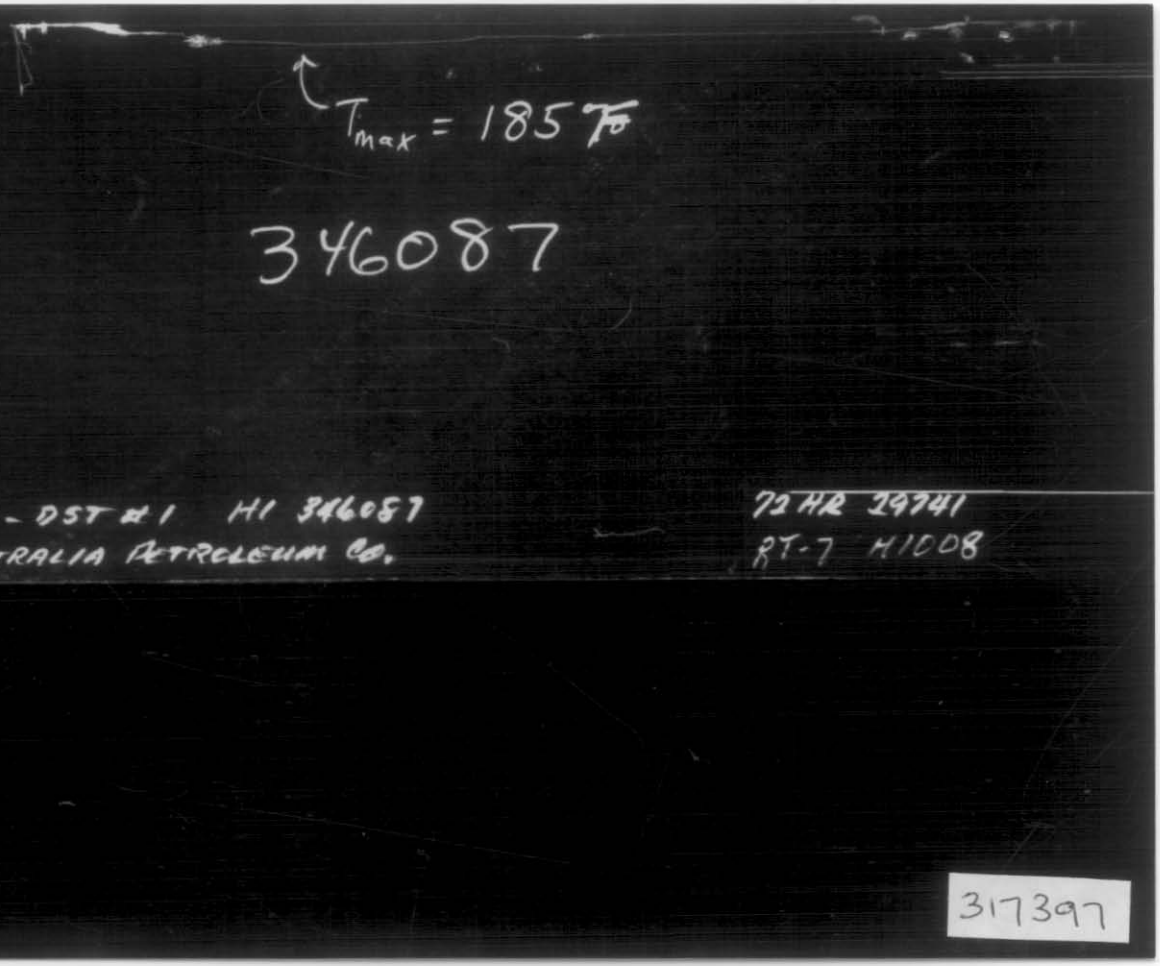
708



346087

YOLLA #1 - DST #2 HI-346087 72HR. 527
AMOCO AUSTRALIA PETROLEUM Co. RT-7 H-1307

317396


T_{max} = 185 To
346087
YOLLA #1 - DST #1 HI 346087
AMOCO AUSTRALIA PETROLEUM CO.
72 HR 29741
RT-7 H1008
317397

317398

EQUATIONS FOR DST LIQUID WELL ANALYSIS

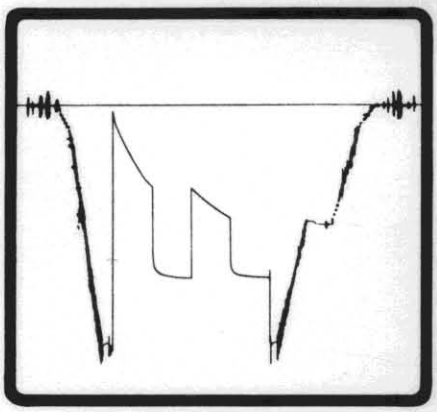
Transmissibility	$\frac{kh}{\mu} = \frac{162.6\ QB}{m}$	$\frac{\text{md-ft}}{\text{cp}}$
Indicated Flow Capacity	$kh = \frac{kh}{\mu}\ \mu$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151\left[\frac{P^* - P_f}{m} - \text{LOG}\left(\frac{k(t/60}{\phi\ \mu\ c_t r_w^2}\right) + 3.23\right]$	—
Damage Ratio	$DR = \frac{P^* - P_f}{P^* - P_f - 0.87\ mS}$	—
Theoretical Potential w / Damage Removed	$Q_1 = Q\ DR$	BPD
Approx. Radius of Investigation	$r_i = 0.032\sqrt{\frac{k(t/60)}{\phi\mu c_t}}$	ft

EQUATIONS FOR DST GAS WELL ANALYSIS

Indicated Flow Capacity	$kh = \frac{1637\ Q_g\ T}{m}$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151\left[\frac{m(P^*) - m(P_f)}{m} - \text{LOG}\left(\frac{k(t/60)}{\phi\ \mu\ c_t r_w^2}\right) + 3.23\right]$	—
Damage Ratio	$DR = \frac{m(P^*) - m(P_f)}{m(P^*) - m(P_f) - 0.87\ mS}$	—
Indicated Flow Rate (Maximum)	$AOF_1 = \frac{Q_g\ m(P^*)}{m(P^*) - m(P_f)}$	MCFD
Indicated Flow Rate (Minimum)	$AOF_2 = Q_g\sqrt{\frac{m(P^*)}{m(P^*) - m(P_f)}}$	MCFD
Approx. Radius of Investigation	$r_i = 0.032\sqrt{\frac{k(t/60)}{\phi\mu c_t}}$	ft

317399 ENCLOSURE B.

FORMATION TESTING SERVICE REPORT



Lease: YOLLA Well# 1

Test # 2 Date: 21 / 9 / 85

E.M.R. 61771 E.P.G. 61860

HALLIBURTON SERVICES

Duncan, Oklahoma 73536

A Halliburton Company

96-R4 ©—Southwestern

TPR OR-0320 Vol. 2.

NOMENCLATURE

B	=	Formation Volume Factor (Res Vol / Std Vol)	—
c_t	=	System Total Compressibility	(Vol / Vol) / psi
DR	=	Damage Ratio	—
h	=	Estimated Net Pay Thickness	Ft
k	=	Permeability	md
m	=	(Liquid) Slope Extrapolated Pressure Plot	psi/cycle
		(Gas) Slope Extrapolated m(P) Plot	MM psi^2/ cp/cycle
$m(P^*)$	=	Real Gas Potential at P^*	MM psi^2/cp
$m(P_f)$	=	Real Gas Potential at P_f	MM psi^2/cp
AOF_1	=	Maximum Indicated Absolute Open Flow at Test Conditions	MCFD
AOF_2	=	Minimum Indicated Absolute Open Flow at Test Conditions	MCFD
P^*	=	Extrapolated Static Pressure	Psig
P_f	=	Final Flow Pressure	Psig
Q	=	Liquid Production Rate During Test	BPD
Q_1	=	Theoretical Liquid Production w/ Damage Removed	BPD
Q_g	=	Measured Gas Production Rate	MCFD
r_i	=	Approximate Radius of Investigation	Ft
r_w	=	Radius of Well Bore	Ft
S	=	Skin Factor	
t	=	Total Flow Time Previous to Closed-in	Minutes
Δt	=	Closed-in Time at Data Point	Minutes
T	=	Temperature Rankine	°R
ϕ	=	Porosity	—
μ	=	Viscosity of Gas or Liquid	cp
Log	=	Common Log	

317401

HALLIBURTON SERVICES

DRILL STEM TESTING

Lease Name YOLLA
Lease Owner AMOCO AUSTR
Ticket no. 316606
Well no. 1 Test no. 2
Gauge no. 61860
Date 21/9/85
Start Time 03:59:50

******* HORNER PLOT ********

****

FINAL FLOW POINT = 882

ENDING POINT = 1100

FLOW TIME (MIN) = 557

P* = 2643.49 psi

P' = 2610.29 psi

Pf = 2357.44 psi

CC = .989019

*** PRODUCTION CALCULATIONS ***

OIL PRODUCTION

PRODUCTION RATE 15 BPD

VOLUME FACTOR (Bo) = 1.1

PAY THICKNESS = 20 ft

VISCOSITY = 75 cp

****

TRANS. md-ft/cp = 83.30

FLOW CAPACITY md-ft = 62.48

PERMEABILITY md = 3.12

DAMAGE RATIO = 1.62

POTENTIAL RATE BPD = 24.29

INVESTIGATION RADIUS ft 193.13

317402

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUSTRALIA
Lease: YOLLA
Well # 1
Ticket # 316606
Date: 21 / 9 / 85
E.M.R. 61771 E.P.G. 61860
Test # 2
Start Time : 03:59:50

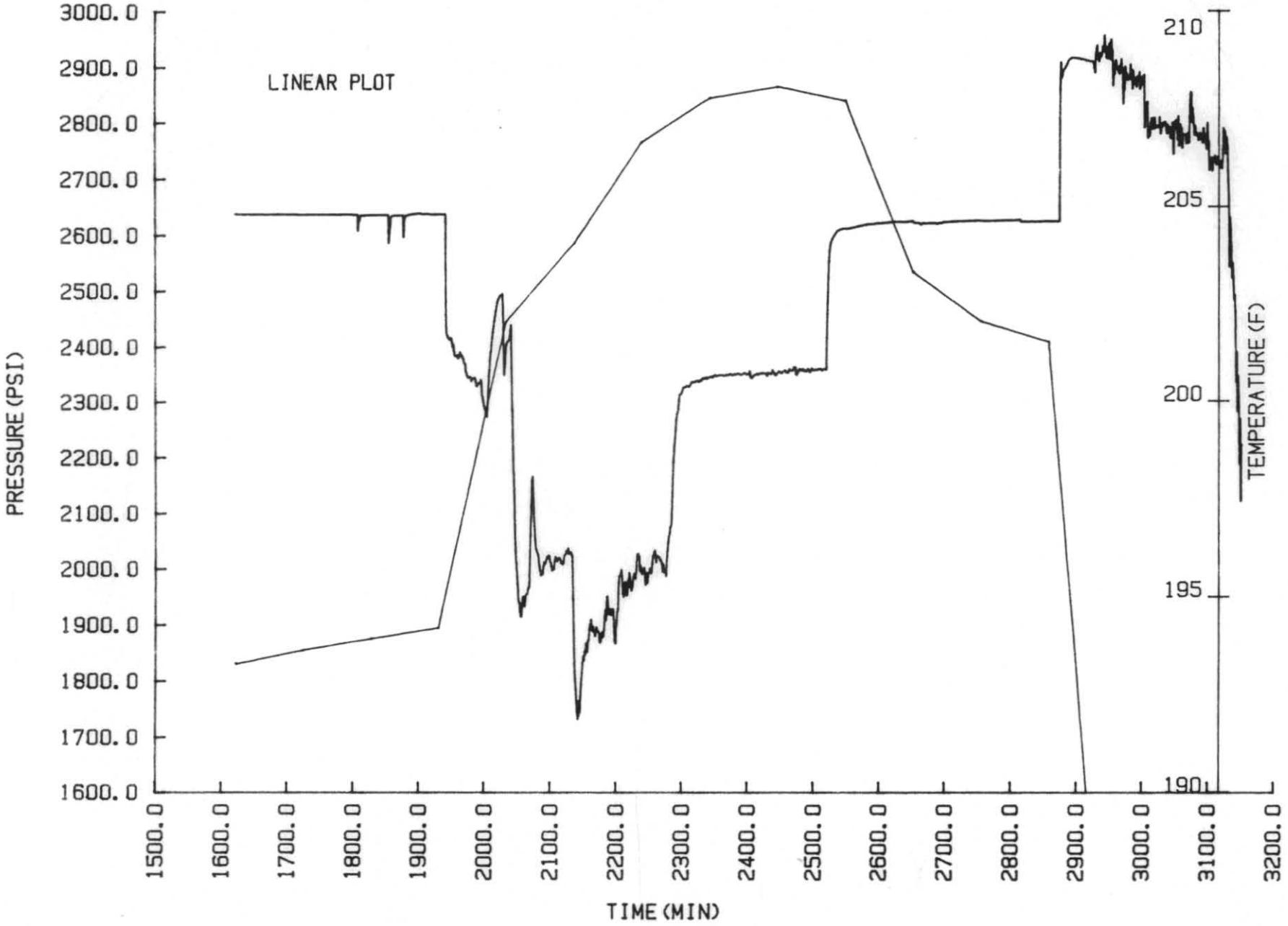
L.P.R. TESTING

317403

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 61860 EMR 61771 | Start Time 03:59:50



317404

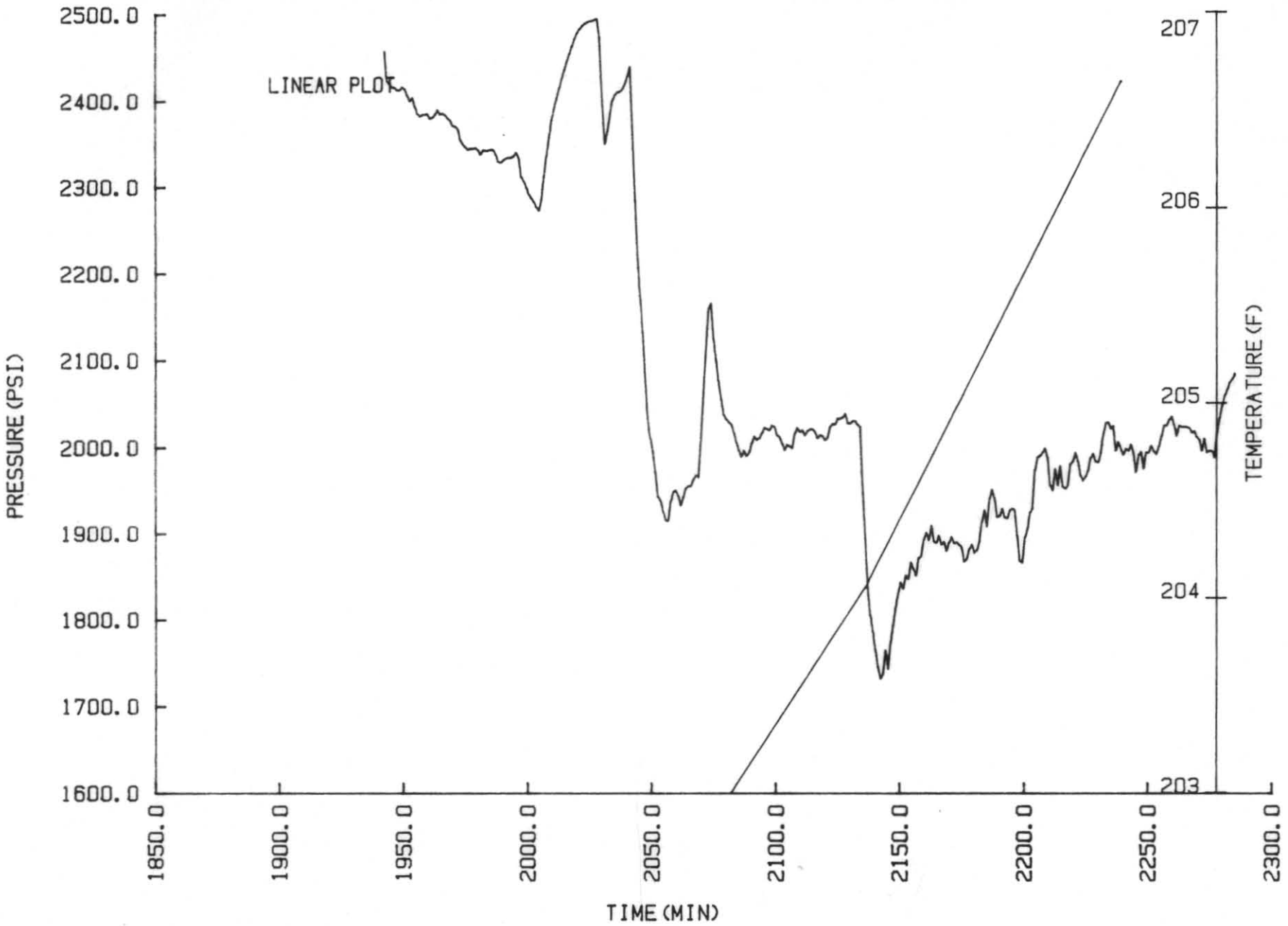
YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

ENLARGEMENT
OF 2nd FLOW PERIOD

317405

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85
Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 61860 EMR 61771 | Start Time 03:59:50

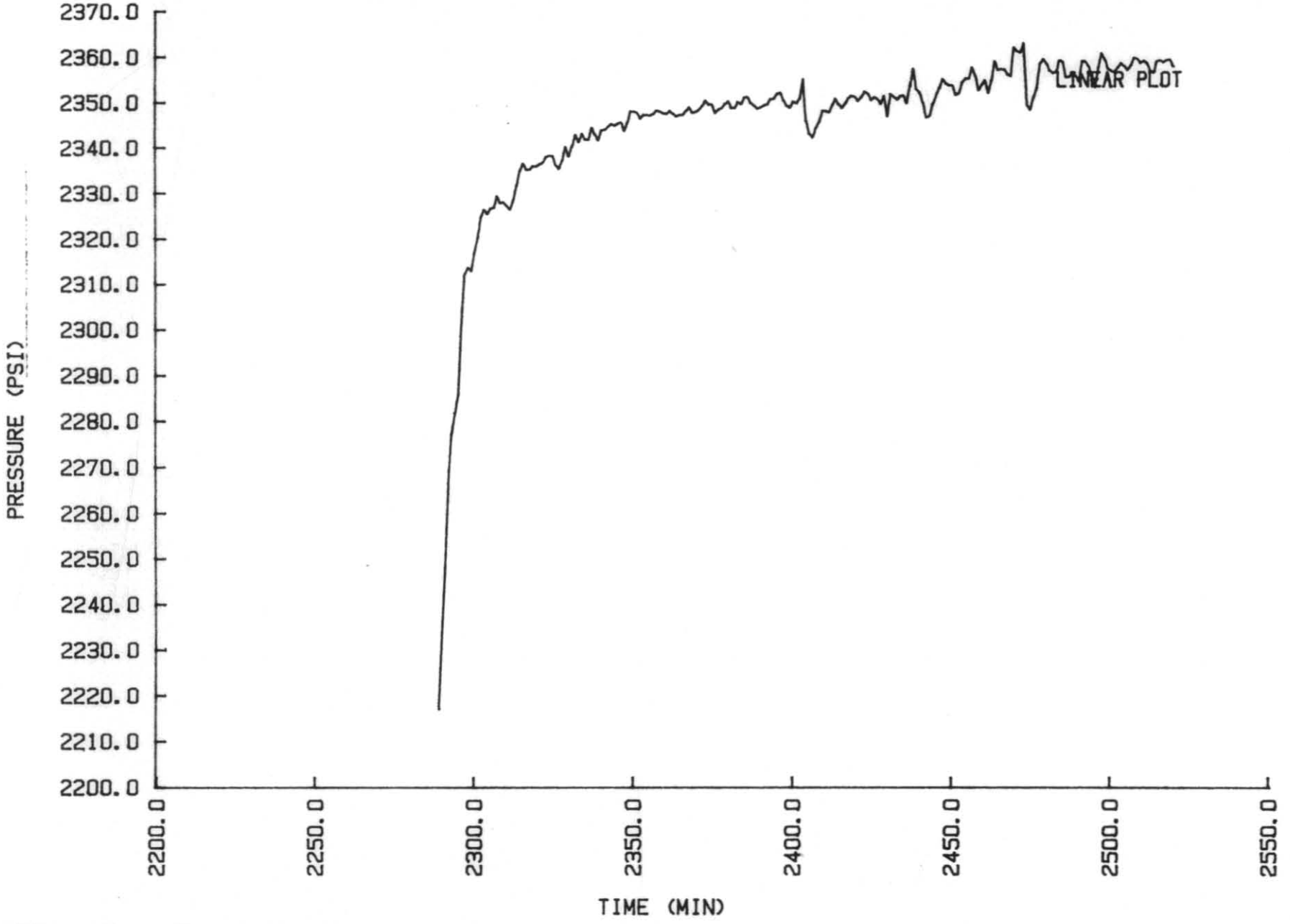


317406

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 61860 EMR 61771 | Start Time 03:59:50



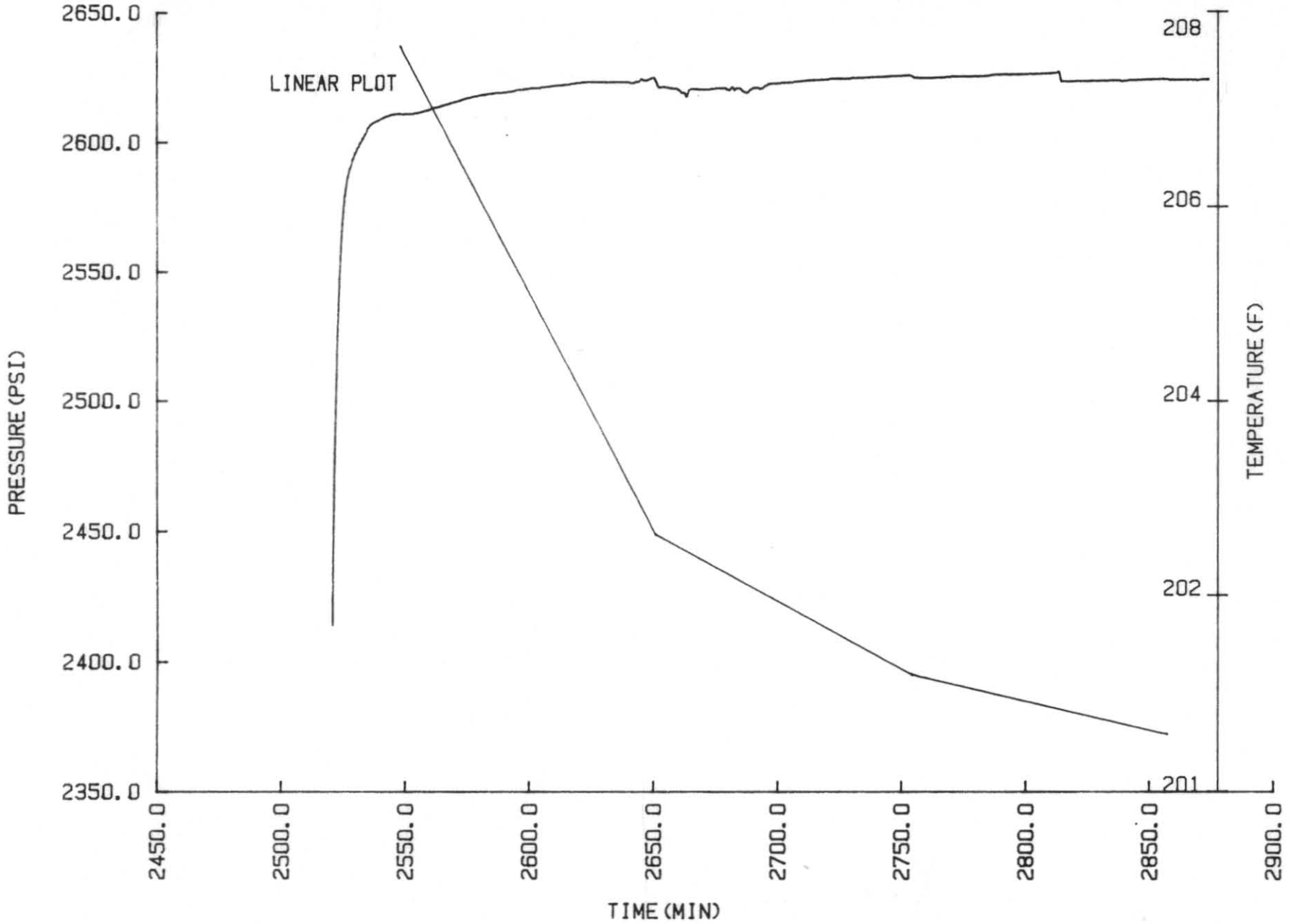
YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

ENLARGEMENT
OF 2nd CLOSED IN PERIOD

317408

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85
Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 61860 EMR 61771 | Start Time 03:59:50



317409

YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

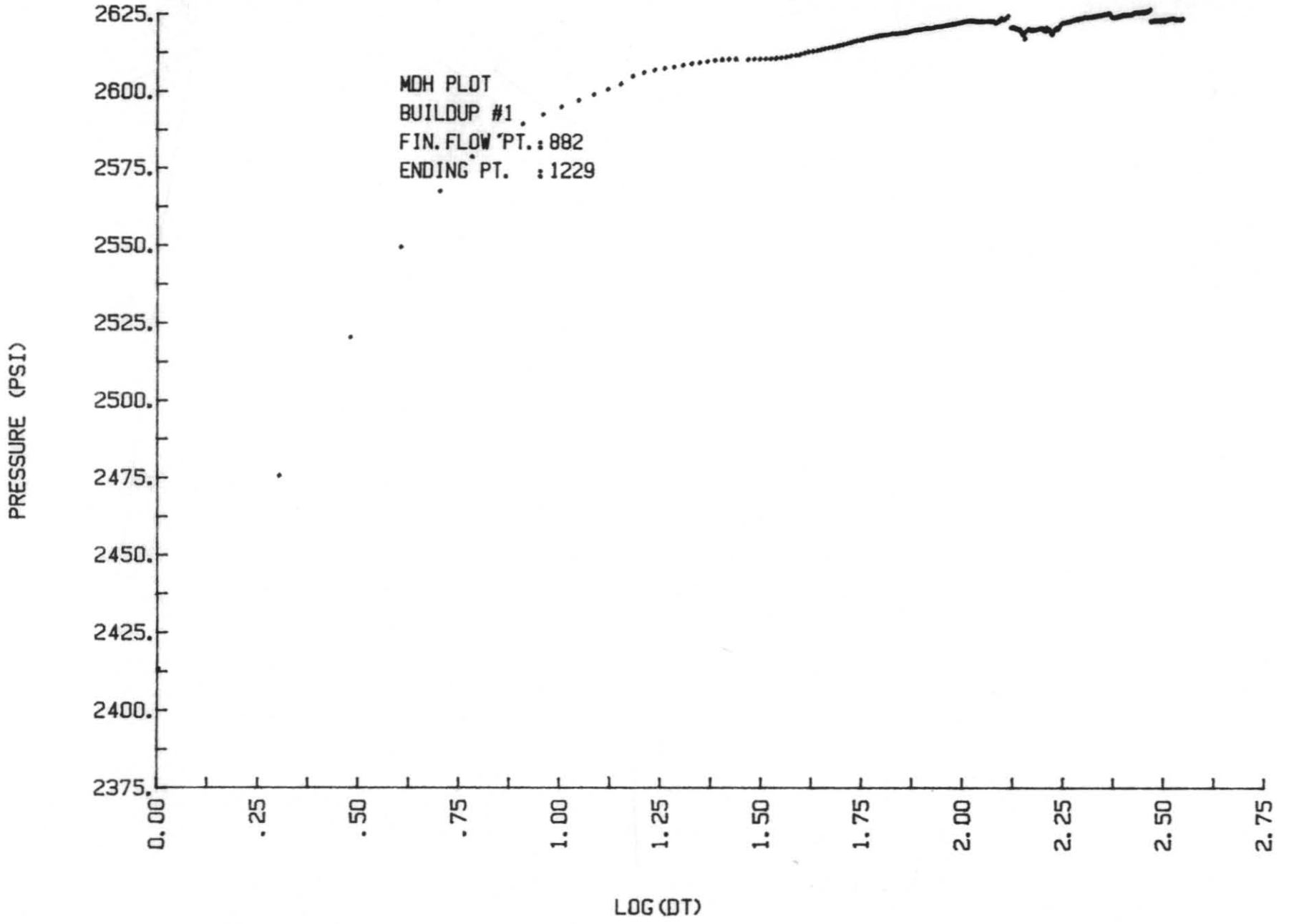
SEMI LOG PLOT

3174110

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21/9/85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge no. 61860 | Start Time 03:59:50



317411

YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

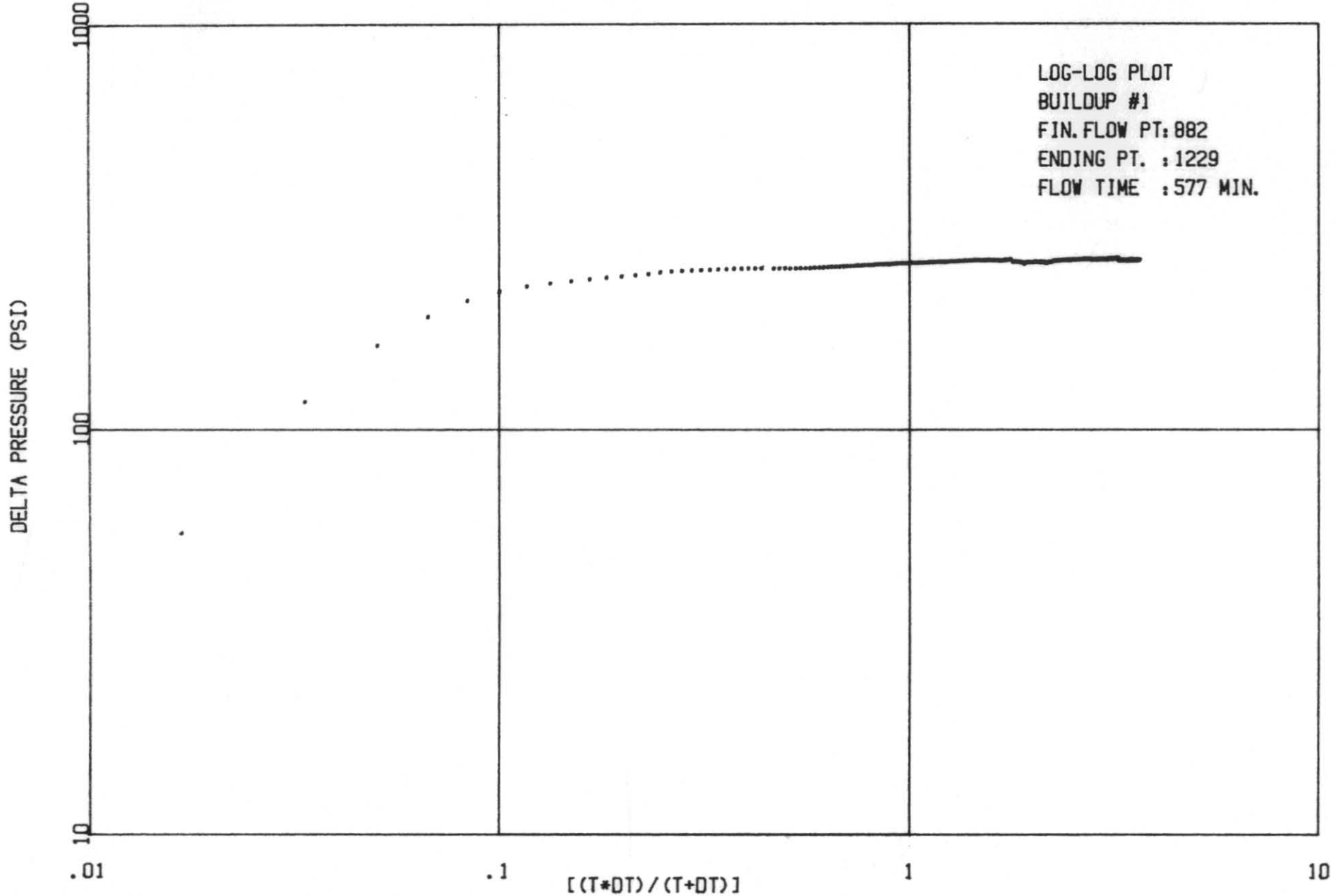
LOG-LOG PLOT

3174112

5 cm

Lease Name YOLLA *Well no. 1* *Ticket no. 316606* *Date 21/9/85*

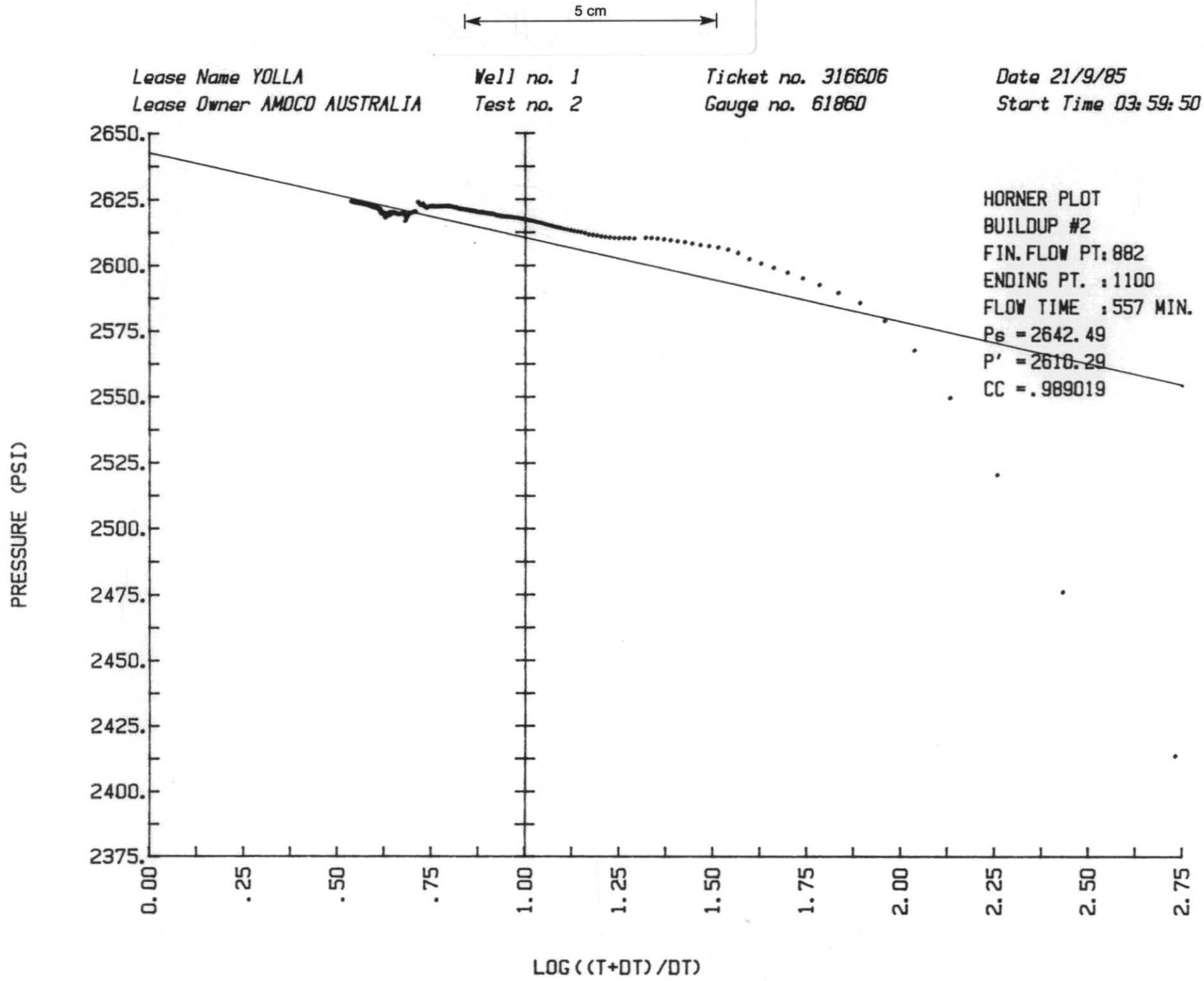
Lease Owner AMOCO AUSTRALIA *Test no. 2* *Gauge no. 61860* *Start Time 03:59:50*



317413

YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

HORNER PLOT
& PRINT OUT

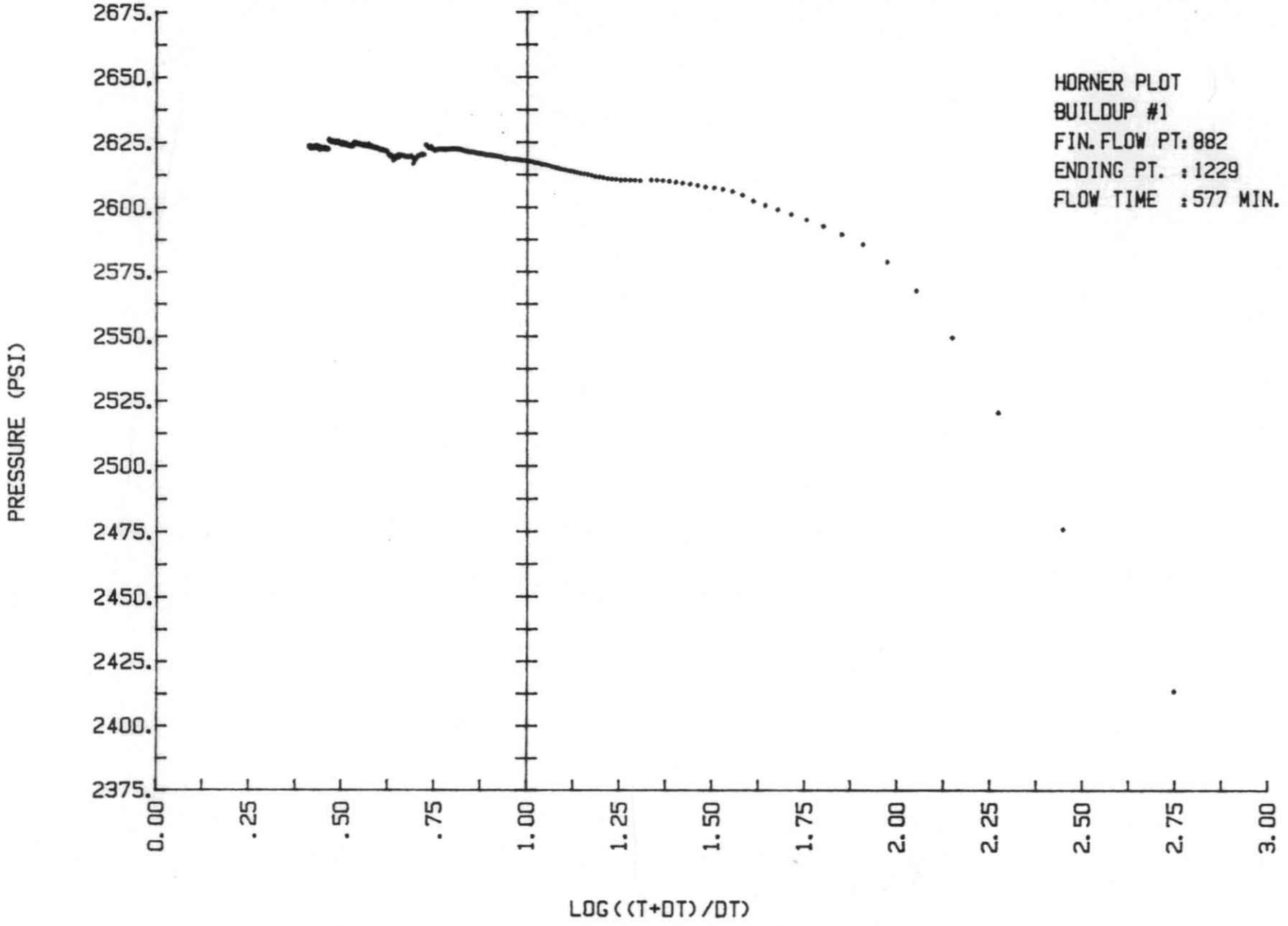

5 cm
Lease Name YOLLA
Well no. 1
Ticket no. 316606
Date 21/9/85
Lease Owner AMOCO AUSTRALIA
Test no. 2
Gauge no. 61860
Start Time 03:59:50
HORNER PLOT
BUILDUP #2
FIN. FLOW PT: 882
ENDING PT. : 1100
FLOW TIME : 557 MIN.
Ps = 2642.49
P' = 2610.29
CC = .989019
PRESSURE (PSI)
2650.
2625.
2600.
2575.
2550.
2525.
2500.
2475.
2450.
2425.
2400.
2375.
0.00
.25
.50
.75
1.00
1.25
1.50
1.75
2.00
2.25
2.50
2.75
LOG((T+DT)/DT)

317415

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21/9/85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge no. 61860 | Start Time 03:59:50

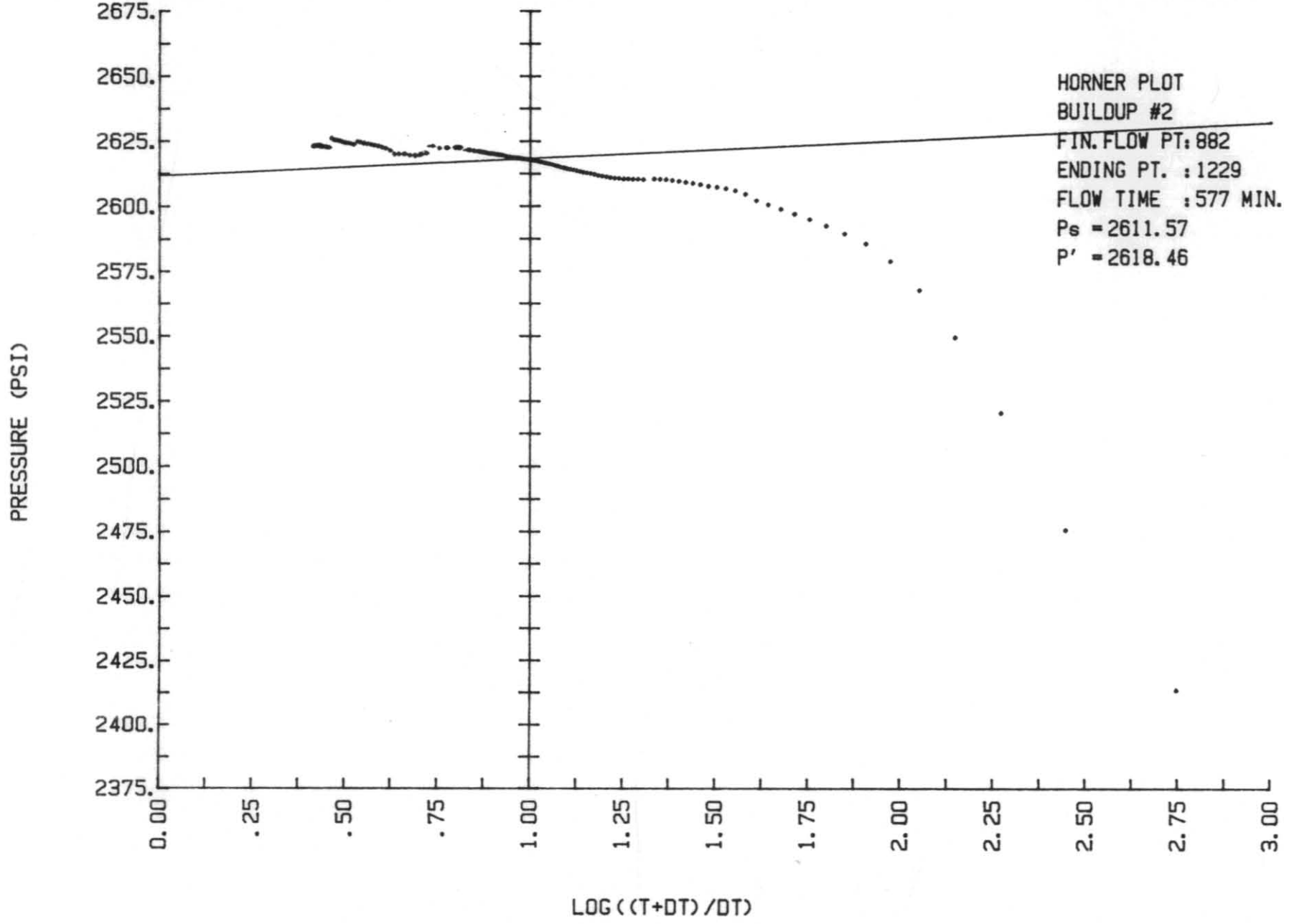


3174116

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21/9/85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge no. 61860 | Start Time 03:59:50



SAMP NUMB.	PRES (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
883	2413.73	56.29	2.7533
884	2476.28	118.83	2.4531
885	2520.94	163.49	2.2778
886	2550.03	192.59	2.1536
887	2568.11	210.67	2.0574
888	2579.32	221.88	1.9790
889	2586.16	228.72	1.9128
890	2589.97	232.53	1.8556
891	2593.00	235.56	1.8052
892	2595.51	238.07	1.7602
893	2597.67	240.23	1.7195
894	2599.49	242.05	1.6825
895	2601.18	243.74	1.6485
896	2602.83	245.39	1.6171
897	2605.21	247.77	1.5879
898	2606.51	249.07	1.5606
899	2607.33	249.89	1.5350
900	2607.85	250.41	1.5109
901	2608.24	250.80	1.4882
902	2608.85	251.41	1.4666
903	2609.37	251.93	1.4462
904	2609.71	252.27	1.4267
905	2610.10	252.66	1.4082
906	2610.45	253.01	1.3904
907	2610.71	253.27	1.3734
908	2610.88	253.44	1.3571
909	2610.97	253.53	1.3415
911	2610.75	253.31	1.3119
912	2610.88	253.44	1.2979
913	2610.92	253.48	1.2844
914	2610.97	253.52	1.2713
915	2611.01	253.57	1.2587
916	2611.23	253.78	1.2464
917	2611.36	253.91	1.2346
918	2611.57	254.13	1.2231
919	2611.92	254.48	1.2119
920	2612.14	254.69	1.2010
921	2612.35	254.91	1.1905
922	2612.83	255.39	1.1802
923	2613.18	255.73	1.1702
924	2613.39	255.95	1.1604
925	2613.61	256.17	1.1509
926	2613.91	256.47	1.1417
927	2614.22	256.77	1.1326
928	2614.48	257.03	1.1238
929	2614.74	257.29	1.1151
930	2615.00	257.55	1.1067
931	2615.30	257.86	1.0985
932	2615.56	258.12	1.0904
933	2615.90	258.46	1.0825
934	2616.21	258.77	1.0748
935	2616.55	259.11	1.0672
936	2616.81	259.37	1.0598
937	2617.03	259.59	1.0525
938	2617.29	259.85	1.0454
939	2617.55	260.11	1.0384
940	2617.72	260.28	1.0315

SAMP NUMB	PRES (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
941	2617.94	260.50	1.0248
942	2618.11	260.67	1.0182
943	2618.33	260.89	1.0117
944	2618.46	261.02	1.0054
945	2618.63	261.19	.9991
946	2618.72	261.28	.9929
947	2618.85	261.41	.9869
948	2619.02	261.58	.9810
949	2619.07	261.63	.9751
950	2619.11	261.67	.9694
951	2619.20	261.76	.9637
952	2619.28	261.84	.9581
953	2619.46	262.02	.9527
954	2619.54	262.10	.9473
955	2619.76	262.32	.9420
956	2620.06	262.62	.9367
957	2620.19	262.75	.9316
958	2620.28	262.84	.9265
959	2620.37	262.93	.9215
960	2620.50	263.06	.9166
961	2620.63	263.19	.9117
962	2620.76	263.32	.9069
963	2620.80	263.36	.9022
964	2620.84	263.40	.8976
965	2620.89	263.45	.8930
966	2621.15	263.71	.8884
967	2621.23	263.79	.8840
968	2621.36	263.92	.8795
969	2621.41	263.97	.8752
970	2621.54	264.10	.8709
971	2621.71	264.27	.8666
972	2621.80	264.36	.8625
973	2621.88	264.44	.8583
974	2621.97	264.53	.8542
975	2622.06	264.62	.8502
976	2622.19	264.75	.8462
977	2622.27	264.83	.8423
978	2622.49	265.05	.8384
979	2622.58	265.14	.8345
980	2622.75	265.31	.8307
981	2622.79	265.35	.8270
982	2622.97	265.53	.8233
983	2623.05	265.61	.8196
984	2623.14	265.70	.8160
985	2623.18	265.74	.8124
986	2623.14	265.70	.8088
987	2623.10	265.66	.8053
988	2623.05	265.61	.8019
989	2623.05	265.61	.7984
990	2622.97	265.53	.7950
991	2623.01	265.57	.7917
992	2623.01	265.57	.7884
993	2622.97	265.53	.7851
994	2623.01	265.57	.7818
995	2623.01	265.57	.7786
996	2623.05	265.61	.7754
997	2623.05	265.61	.7722
998	2623.01	265.57	.7691

SAMP NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
999	2623.01	265.57	.7660
1000	2622.92	265.48	.7630
1001	2622.53	265.09	.7599
1002	2622.53	265.09	.7569
1003	2623.14	265.70	.7540
1004	2623.10	265.66	.7510
1005	2624.05	266.61	.7481
1006	2623.70	266.26	.7452
1007	2623.53	266.09	.7424
1008	2623.83	266.39	.7395
1009	2624.35	266.91	.7367
1010	2624.70	267.26	.7340
1012	2620.91	263.46	.7285
1013	2620.95	263.51	.7258
1014	2621.04	263.59	.7231
1015	2620.86	263.42	.7204
1016	2620.69	263.25	.7178
1017	2620.52	263.07	.7152
1018	2620.34	262.90	.7126
1019	2620.34	262.90	.7100
1020	2619.69	262.25	.7075
1021	2618.78	261.34	.7050
1022	2618.87	261.43	.7025
1023	2617.40	259.95	.7000
1024	2619.87	262.42	.6976
1025	2620.34	262.90	.6951
1026	2620.43	262.99	.6927
1027	2620.26	262.81	.6903
1028	2620.13	262.68	.6879
1029	2620.21	262.77	.6856
1030	2620.13	262.68	.6832
1031	2620.13	262.68	.6809
1032	2620.21	262.77	.6786
1033	2620.34	262.90	.6764
1034	2620.47	263.03	.6741
1035	2620.60	263.16	.6718
1036	2620.69	263.25	.6696
1037	2620.65	263.20	.6674
1038	2620.73	263.29	.6652
1039	2620.08	262.64	.6631
1040	2619.87	262.42	.6609
1041	2620.86	263.42	.6588
1042	2619.95	262.51	.6566
1043	2620.56	263.12	.6545
1044	2620.43	262.99	.6524
1045	2619.56	262.12	.6504
1046	2618.87	261.43	.6483
1047	2618.74	261.30	.6462
1048	2619.74	262.29	.6442
1049	2620.52	263.07	.6422
1050	2620.78	263.33	.6402
1051	2620.78	263.33	.6382
1052	2620.30	262.86	.6362
1053	2620.69	263.25	.6343
1054	2621.43	263.98	.6323
1055	2622.03	264.59	.6304
1056	2622.34	264.89	.6285

SAMP NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
1057	2622.42	264.98	.6266
1058	2622.47	265.02	.6247
1059	2622.51	265.07	.6228
1060	2622.60	265.15	.6210
1061	2622.77	265.33	.6191
1062	2622.81	265.37	.6173
1063	2622.81	265.37	.6155
1064	2622.86	265.41	.6136
1065	2622.90	265.46	.6118
1066	2623.12	265.67	.6101
1067	2623.25	265.80	.6083
1068	2623.33	265.89	.6065
1069	2623.42	265.98	.6048
1070	2623.46	266.02	.6030
1071	2623.64	266.19	.6013
1072	2623.64	266.19	.5996
1073	2623.72	266.28	.5979
1074	2623.72	266.28	.5962
1075	2623.81	266.37	.5945
1076	2623.85	266.41	.5928
1077	2623.90	266.45	.5912
1078	2623.94	266.50	.5895
1079	2623.98	266.54	.5879
1080	2624.29	266.84	.5862
1081	2624.29	266.84	.5846
1082	2624.24	266.80	.5830
1083	2624.24	266.80	.5814
1084	2624.24	266.80	.5798
1085	2624.33	266.89	.5783
1086	2624.33	266.89	.5767
1087	2624.33	266.89	.5751
1088	2624.37	266.93	.5736
1089	2624.50	267.06	.5720
1090	2624.46	267.02	.5705
1091	2624.59	267.15	.5690
1092	2624.59	267.15	.5675
1093	2624.59	267.15	.5660
1094	2624.68	267.24	.5645
1095	2624.72	267.28	.5630
1096	2624.76	267.32	.5615
1097	2624.81	267.37	.5600
1098	2624.89	267.45	.5586
1099	2624.89	267.45	.5571
1100	2624.94	267.50	.5557
1101	2624.98	267.54	.5543
1102	2625.07	267.63	.5528
1103	2625.11	267.67	.5514
1104	2625.20	267.76	.5500
1105	2625.24	267.80	.5486
1106	2625.20	267.76	.5472
1107	2625.24	267.80	.5458
1108	2625.33	267.89	.5444
1109	2625.41	267.97	.5431
1110	2625.46	268.02	.5417
1111	2625.50	268.06	.5404
1113	2624.48	267.04	.5377
1114	2624.35	266.91	.5363

SAMP. NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
1115	2624.26	266.82	.5350
1116	2624.26	266.82	.5337
1117	2624.26	266.82	.5324
1118	2624.35	266.91	.5311
1119	2624.35	266.91	.5298
1120	2624.39	266.95	.5285
1121	2624.48	267.04	.5272
1122	2624.56	267.12	.5260
1123	2624.61	267.17	.5247
1124	2624.65	267.21	.5234
1125	2624.65	267.21	.5222
1126	2624.78	267.34	.5209
1127	2624.82	267.38	.5197
1128	2625.00	267.56	.5185
1129	2624.91	267.47	.5172
1130	2625.00	267.56	.5160
1131	2625.00	267.56	.5148
1132	2625.04	267.60	.5136
1133	2625.04	267.60	.5124
1134	2625.00	267.56	.5112
1135	2625.00	267.56	.5100
1136	2625.08	267.64	.5088
1137	2625.13	267.69	.5076
1138	2625.08	267.64	.5065
1139	2625.08	267.64	.5053
1140	2625.08	267.64	.5041
1141	2625.26	267.82	.5030
1142	2625.26	267.82	.5018
1143	2625.43	267.99	.5007
1144	2625.65	268.21	.4996
1145	2625.73	268.29	.4984
1146	2625.78	268.34	.4973
1147	2625.78	268.34	.4962
1148	2625.82	268.38	.4951
1149	2625.82	268.38	.4940
1150	2625.78	268.34	.4929
1151	2625.78	268.34	.4918
1152	2625.82	268.38	.4907
1153	2625.86	268.42	.4896
1154	2625.82	268.38	.4885
1155	2625.82	268.38	.4874
1156	2625.86	268.42	.4864
1157	2625.95	268.51	.4853
1158	2625.95	268.51	.4842
1159	2625.99	268.55	.4832
1160	2625.95	268.51	.4821
1161	2625.99	268.55	.4811
1162	2626.04	268.60	.4801
1163	2626.08	268.64	.4790
1164	2626.13	268.68	.4780
1165	2626.21	268.77	.4770
1166	2626.26	268.81	.4759
1167	2626.30	268.86	.4749
1168	2626.34	268.90	.4739
1169	2626.39	268.94	.4729
1170	2626.82	269.38	.4719
1171	2622.96	265.52	.4709
1172	2623.05	265.61	.4699
1173	2623.09	265.65	.4689
1174	2623.09	265.65	.4679
1175	2623.13	265.69	.4670
1176	2623.13	265.69	.4660
1177	2623.18	265.74	.4650
1178	2623.18	265.74	.4641
1179	2623.18	265.74	.4631
1180	2623.22	265.78	.4621
1181	2623.22	265.78	.4612
1182	2623.22	265.78	.4602
1183	2623.26	265.82	.4593
1184	2623.26	265.82	.4584
1185	2623.31	265.87	.4574
1186	2623.35	265.91	.4565
1187	2623.35	265.91	.4556
1188	2623.35	265.91	.4546
1189	2623.35	265.91	.4537
1190	2623.44	266.00	.4528
1191	2623.44	266.00	.4519
1192	2623.44	266.00	.4510
1193	2623.44	266.00	.4501
1194	2623.44	266.00	.4492
1195	2622.92	265.48	.4483
1196	2623.18	265.74	.4474
1197	2623.26	265.82	.4465
1198	2623.44	266.00	.4456
1199	2623.52	266.08	.4447
1200	2623.61	266.17	.4439
1201	2623.61	266.17	.4430
1202	2623.65	266.21	.4421
1203	2623.70	266.26	.4413
1204	2623.74	266.30	.4404
1205	2623.78	266.34	.4395
1206	2623.78	266.34	.4387
1207	2623.83	266.39	.4378
1208	2623.83	266.39	.4370
1209	2623.87	266.43	.4362
1210	2623.91	266.47	.4353
1211	2623.96	266.52	.4345
1212	2623.96	266.52	.4336
1214	2623.54	266.10	.4320
1215	2623.58	266.14	.4312
1216	2623.62	266.18	.4303
1217	2623.62	266.18	.4295
1218	2623.58	266.14	.4287
1219	2623.58	266.14	.4279
1220	2623.58	266.14	.4271
1221	2623.58	266.14	.4263
1222	2623.62	266.18	.4255
1223	2623.67	266.23	.4247
1224	2623.67	266.23	.4239
1225	2623.41	265.97	.4231
1226	2623.58	266.14	.4223
1227	2623.75	266.31	.4215
1228	2623.75	266.31	.4208
1229	2623.75	266.31	.4200

317420

PRINT OUT
OF
PRESSURES & TEMPERATURES

317421

NUMBER	TIME	PSI/DEG.F	
1	1:07:00:51	193.26	T
2	1:07:01:52	2636.54	
3	1:07:02:53	2636.50	
4	1:07:03:54	2636.50	
5	1:07:04:56	2636.33	
6	1:07:05:57	2636.41	
7	1:07:06:58	2636.37	
8	1:07:07:59	2636.28	
9	1:07:09:00	2636.28	
10	1:07:10:02	2636.28	
11	1:07:11:03	2636.15	
12	1:07:12:04	2636.24	
13	1:07:13:05	2636.11	
14	1:07:14:06	2636.07	
15	1:07:15:08	2636.07	
16	1:07:16:09	2636.59	
17	1:07:17:10	2636.46	
18	1:07:18:11	2636.46	
19	1:07:19:12	2636.46	
20	1:07:20:14	2636.46	
21	1:07:21:15	2636.54	
22	1:07:22:16	2636.46	
23	1:07:23:17	2636.63	
24	1:07:24:18	2636.67	
25	1:07:25:20	2636.63	
26	1:07:26:21	2636.41	
27	1:07:27:22	2636.37	
28	1:07:28:23	2636.41	
29	1:07:29:24	2636.33	
30	1:07:30:26	2636.54	
31	1:07:31:27	2636.50	
32	1:07:32:28	2636.46	
33	1:07:33:29	2636.41	
34	1:07:34:30	2636.41	
35	1:07:35:32	2636.37	
36	1:07:36:33	2636.46	
37	1:07:37:34	2636.20	
38	1:07:38:35	2636.28	
39	1:07:39:36	2636.37	
40	1:07:40:38	2636.37	
41	1:07:41:39	2636.28	
42	1:07:42:40	2636.33	
43	1:07:43:41	2636.37	
44	1:07:44:42	2636.41	
45	1:07:45:44	2636.33	
46	1:07:46:45	2636.41	
47	1:07:47:46	2636.33	
48	1:07:48:47	2636.33	
49	1:07:49:48	2636.37	
50	1:07:50:50	2636.37	
51	1:07:51:51	2636.33	
52	1:07:52:52	2636.33	
53	1:07:53:53	2636.33	
54	1:07:54:54	2636.37	
55	1:07:55:56	2636.33	
56	1:07:56:57	2636.37	
57	1:07:57:58	2636.37	
58	1:07:58:59	2636.37	
59	1:08:00:00	2636.37	
60	1:08:01:02	2636.41	
61	1:08:02:03	2636.28	
62	1:08:03:04	2636.28	
63	1:08:04:05	2636.20	
64	1:08:05:06	2636.24	
65	1:08:06:08	2636.20	
66	1:08:07:09	2636.15	
67	1:08:08:10	2636.33	
68	1:08:09:11	2636.28	
69	1:08:10:12	2636.37	
70	1:08:11:14	2636.37	
71	1:08:12:15	2636.33	
72	1:08:13:16	2636.24	
73	1:08:14:17	2636.24	
74	1:08:15:18	2636.24	
75	1:08:16:20	2636.28	
76	1:08:17:21	2636.33	
77	1:08:18:22	2636.28	
78	1:08:19:23	2636.15	
79	1:08:20:24	2636.20	
80	1:08:21:26	2636.28	
81	1:08:22:27	2636.33	
82	1:08:23:28	2636.37	
83	1:08:24:29	2636.33	
84	1:08:25:30	2636.28	
85	1:08:26:32	2636.37	
86	1:08:27:33	2636.28	
87	1:08:28:34	2636.24	
88	1:08:29:35	2636.28	
89	1:08:30:36	2636.11	
90	1:08:31:38	2636.07	
91	1:08:32:39	2636.02	
92	1:08:33:40	2636.07	
93	1:08:34:41	2635.89	
94	1:08:35:42	2635.89	
95	1:08:36:44	2635.68	
96	1:08:37:45	2635.63	
97	1:08:38:46	2635.85	
98	1:08:39:47	2635.94	
99	1:08:40:48	2635.76	
100	1:08:41:50	2635.94	
101	1:08:42:51	2635.94	
102	1:08:43:52	193.62	T
103	1:08:44:53	2636.17	
104	1:08:45:54	2636.13	
105	1:08:46:56	2636.13	
106	1:08:47:57	2636.13	
107	1:08:48:58	2636.13	
108	1:08:49:59	2636.09	
109	1:08:51:00	2636.17	
110	1:08:52:02	2636.26	
111	1:08:53:03	2636.17	
112	1:08:54:04	2636.17	
113	1:08:55:05	2636.13	
114	1:08:56:06	2636.09	
115	1:08:57:08	2636.13	

317422

NUMBER	TIME	PSI/DEG.F
116	1:08:58:09	2636.22
117	1:08:59:10	2636.17
118	1:09:00:11	2636.17
119	1:09:01:12	2635.96
120	1:09:02:14	2636.09
121	1:09:03:15	2636.22
122	1:09:04:16	2636.26
123	1:09:05:17	2636.09
124	1:09:06:18	2635.87
125	1:09:07:20	2635.91
126	1:09:08:21	2636.09
127	1:09:09:22	2636.13
128	1:09:10:23	2636.09
129	1:09:11:24	2636.00
130	1:09:12:26	2636.04
131	1:09:13:27	2636.00
132	1:09:14:28	2636.04
133	1:09:15:29	2636.00
134	1:09:16:30	2636.09
135	1:09:17:32	2636.09
136	1:09:18:33	2635.96
137	1:09:19:34	2636.00
138	1:09:20:35	2636.00
139	1:09:21:36	2636.13
140	1:09:22:38	2636.09
141	1:09:23:39	2636.04
142	1:09:24:40	2636.17
143	1:09:25:41	2636.17
144	1:09:26:42	2635.96
145	1:09:27:44	2635.91
146	1:09:28:45	2636.00
147	1:09:29:46	2636.22
148	1:09:30:47	2636.13
149	1:09:31:48	2636.13
150	1:09:32:50	2636.17
151	1:09:33:51	2636.09
152	1:09:34:52	2636.22
153	1:09:35:53	2636.17
154	1:09:36:54	2636.09
155	1:09:37:56	2636.04
156	1:09:38:57	2636.09
157	1:09:39:58	2636.04
158	1:09:40:59	2636.00
159	1:09:42:00	2635.91
160	1:09:43:02	2636.00
161	1:09:44:03	2636.22
162	1:09:45:04	2636.48
163	1:09:46:05	2636.52
164	1:09:47:06	2636.39
165	1:09:48:08	2636.52
166	1:09:49:09	2636.43
167	1:09:50:10	2636.43
168	1:09:51:11	2636.48
169	1:09:52:12	2636.48
170	1:09:53:14	2636.43
171	1:09:54:15	2636.52
172	1:09:55:16	2636.52
173	1:09:56:17	2636.48

NUMBER	TIME	PSI/DEG.F	
174	1:09:57:18	2636.52	
175	1:09:58:20	2636.43	
176	1 09:59:21	2636.48	
177	1:10:00:22	2636.43	
178	1:10:01:23	2636.43	
179	1:10:02:24	2636.39	
180	1:10:03:26	2634.92	
181	1:10:04:27	2635.57	
182	1:10:05:28	2635.78	
183	1:10:06:29	2636.04	
184	1:10:07:30	2636.04	
185	1:10:08:32	2606.55	
186	1:10:09:33	2625.67	
187	1:10:10:34	2625.11	
188	1:10:11:35	2634.22	
189	1:10:12:36	2634.65	
190	1:10:13:38	2634.83	
191	1:10:14:39	2634.96	
192	1:10:15:40	2635.00	
193	1:10:16:41	2635.18	
194	1:10:17:42	2635.26	
195	1:10:18:44	2635.31	
196	1:10:19:45	2635.35	
197	1:10:20:46	2635.44	
198	1:10:21:47	2635.48	
199	1:10:22:48	2635.61	
200	1:10:23:50	2635.57	
201	1:10:24:51	2635.48	
202	1:10:25:52	2635.65	
203	1:10:26:53	193.91	T
204	1:10:27:54	2636.10	
205	1:10:28:56	2636.06	
206	1:10:29:57	2635.97	
207	1:10:30:58	2635.93	
208	1:10:31:59	2636.01	
209	1:10:33:00	2636.01	
210	1:10:34:02	2636.01	
211	1:10:35:03	2636.06	
212	1:10:36:04	2635.97	
213	1:10:37:05	2636.06	
214	1:10:38:06	2636.10	
215	1:10:39:08	2636.10	
216	1:10:40:09	2635.97	
217	1:10:41:10	2636.06	
218	1:10:42:11	2635.97	
219	1:10:43:12	2636.06	
220	1:10:44:14	2636.10	
221	1:10:45:15	2636.01	
222	1:10:46:16	2636.01	
223	1:10:47:17	2636.10	
224	1:10:48:18	2636.06	
225	1:10:49:20	2636.10	
226	1:10:50:21	2636.01	
227	1:10:51:22	2636.06	
228	1:10:52:23	2636.10	
229	1:10:53:24	2636.10	
230	1:10:54:26	2635.97	
231	1:10:55:27	2584.68	

NUMBER	TIME	PSI/DEG.F
232	1:10:56:28	2604.35
233	1:10:57:29	2618.40
234	1:10:58:30	2632.15
235	1:10:59:32	2633.63
236	1:11:00:33	2634.36
237	1:11:01:34	2634.71
238	1:11:02:35	2634.76
239	1:11:03:36	2634.93
240	1:11:04:38	2635.02
241	1:11:05:39	2635.02
242	1:11:06:40	2635.19
243	1:11:07:41	2635.28
244	1:11:08:42	2635.28
245	1:11:09:44	2635.19
246	1:11:10:45	2635.28
247	1:11:11:46	2635.28
248	1:11:12:47	2635.28
249	1:11:13:48	2635.41
250	1:11:14:50	2635.36
251	1:11:15:51	2635.45
252	1:11:16:52	2635.49
253	1:11:17:53	2595.38
254	1:11:18:54	2626.99
255	1:11:19:56	2633.71
256	1:11:20:57	2634.54
257	1:11:21:58	2634.80
258	1:11:22:59	2635.15
259	1:11:24:00	2635.67
260	1:11:25:02	2636.36
261	1:11:26:03	2636.49
262	1:11:27:04	2636.79
263	1:11:28:05	2637.01
264	1:11:29:06	2637.14
265	1:11:30:08	2637.36
266	1:11:31:09	2637.53
267	1:11:32:10	2637.58
268	1:11:33:11	2637.92
269	1:11:34:12	2638.05
270	1:11:35:14	2638.10
271	1:11:36:15	2638.23
272	1:11:37:16	2638.36
273	1:11:38:17	2638.31
274	1:11:39:18	2638.62
275	1:11:40:20	2638.66
276	1:11:41:21	2638.79
277	1:11:42:22	2638.88
278	1:11:43:23	2638.70
279	1:11:44:24	2637.58
280	1:11:45:26	2637.18
281	1:11:46:27	2637.05
282	1:11:47:28	2636.97
283	1:11:48:29	2637.49
284	1:11:49:30	2637.79
285	1:11:50:32	2637.88
286	1:11:51:33	2637.84
287	1:11:52:34	2637.97
288	1:11:53:35	2637.88
289	1:11:54:36	2638.40

NUMBER	TIME	PSI/DEG.F
290	1:11:55:38	2637.01
291	1:11:56:39	2636.79
292	1:11:57:40	2636.84
293	1:11:58:41	2636.36
294	1:11:59:42	2636.32
295	1:12:00:44	2636.92
296	1:12:01:45	2637.23
297	1:12:02:46	2636.62
298	1:12:03:47	2637.10
299	1:12:04:48	2637.14
300	1:12:05:50	2637.14
301	1:12:06:51	2637.18
302	1:12:07:52	2636.71
303	1:12:08:53	2637.01
304	1:12:09:54	194.19 T
305	1:12:10:56	2637.36
306	1:12:11:57	2637.32
307	1:12:12:58	2637.27
308	1:12:13:59	2636.88
309	1:12:15:00	2636.71
310	1:12:16:02	2636.80
311	1:12:17:03	2636.75
312	1:12:18:04	2636.67
313	1:12:19:05	2636.67
314	1:12:20:06	2636.67
315	1:12:21:08	2636.62
316	1:12:22:09	2456.45
317	1:12:23:10	2422.00
318	1:12:24:11	2418.77
319	1:12:25:12	2415.44
320	1:12:26:14	2414.49
321	1:12:27:15	2411.82
322	1:12:28:16	2411.73
323	1:12:29:17	2415.27
324	1:12:30:18	2413.07
325	1:12:31:20	2406.04
326	1:12:32:21	2399.48
327	1:12:33:22	2402.80
328	1:12:34:23	2393.31
329	1:12:35:24	2384.43
330	1:12:36:26	2381.29
331	1:12:37:27	2383.14
332	1:12:38:28	2383.53
333	1:12:39:29	2384.00
334	1:12:40:30	2378.53
335	1:12:41:32	2379.95
336	1:12:42:33	2383.10
337	1:12:43:34	2388.83
338	1:12:44:35	2384.13
339	1:12:45:36	2384.65
340	1:12:46:38	2382.62
341	1:12:47:39	2379.09
342	1:12:48:40	2376.20
343	1:12:49:41	2370.25
344	1:12:50:42	2369.13
345	1:12:51:44	2366.24
346	1:12:52:45	2353.57
347	1:12:53:46	2348.96

NUMBER	TIME	PSI/DEG.F
348	1:12:54:47	2345.65
349	1:12:55:48	2342.46
350	1:12:56:50	2343.88
351	1:12:57:51	2343.37
352	1:12:58:52	2344.53
353	1:12:59:53	2341.94
354	1:13:00:54	2337.03
355	1:13:01:56	2341.34
356	1:13:02:57	2341.69
357	1:13:03:58	2341.77
358	1:13:04:59	2342.72
359	1:13:06:00	2342.72
360	1:13:07:02	2336.52
361	1:13:08:03	2328.55
362	1:13:09:04	2327.13
363	1:13:10:05	2330.49
364	1:13:11:06	2332.43
365	1:13:12:08	2333.59
366	1:13:13:09	2333.50
367	1:13:14:10	2335.05
368	1:13:15:11	2339.02
369	1:13:16:12	2333.50
370	1:13:17:14	2311.25
371	1:13:18:15	2306.47
372	1:13:19:16	2299.33
373	1:13:20:17	2291.15
374	1:13:21:18	2286.64
375	1:13:22:20	2282.51
376	1:13:23:21	2276.06
377	1:13:24:22	2272.10
378	1:13:25:23	2284.92
379	1:13:26:24	2310.99
380	1:13:27:26	2334.71
381	1:13:28:27	2357.11
382	1:13:29:28	2376.63
383	1:13:30:29	2389.95
384	1:13:31:30	2401.98
385	1:13:32:32	2413.54
386	1:13:33:33	2424.72
387	1:13:34:34	2434.95
388	1:13:35:35	2444.41
389	1:13:36:36	2453.39
390	1:13:37:38	2462.24
391	1:13:38:39	2470.23
392	1:13:39:40	2476.98
393	1:13:40:41	2481.69
394	1:13:41:42	2485.40
395	1:13:42:44	2488.17
396	1:13:43:45	2489.90
397	1:13:44:46	2491.20
398	1:13:45:47	2491.76
399	1:13:46:48	2492.75
400	1:13:47:50	2493.88
401	1:13:48:51	2472.14
402	1:13:49:52	2402.85
403	1:13:50:53	2348.28
404	1:13:51:54	2363.18
405	1:13:52:56	202 04 T

NUMBER	TIME	PSI/DEG.F
406	1:13:53:57	2400.01
407	1:13:54:58	2406.01
408	1:13:55:59	2409.02
409	1:13:57:00	2409.89
410	1:13:58:02	2412.77
411	1:13:59:03	2418.81
412	1:14:00:04	2427.74
413	1:14:01:05	2438.22
414	1:14:02:06	2359.65
415	1:14:03:08	2283.46
416	1:14:04:09	2217.15
417	1:14:05:10	2173.28
418	1:14:06:11	2132.16
419	1:14:07:12	2079.44
420	1:14:08:14	2033.76
421	1:14:09:15	2009.76
422	1:14:10:16	1994.91
423	1:14:11:17	1971.49
424	1:14:12:18	1942.37
425	1:14:13:20	1937.98
426	1:14:14:21	1924.30
427	1:14:15:22	1914.76
428	1:14:16:23	1913.78
429	1:14:17:24	1936.49
430	1:14:18:26	1948.21
431	1:14:19:27	1950.13
432	1:14:20:28	1943.69
433	1:14:21:29	1932.31
434	1:14:22:30	1941.90
435	1:14:23:32	1952.51
436	1:14:24:33	1955.20
437	1:14:25:34	1955.24
438	1:14:26:35	1962.40
439	1:14:27:36	1967.44
440	1:14:28:38	1965.60
441	1:14:29:39	2006.56
442	1:14:30:40	2059.35
443	1:14:31:41	2109.52
444	1:14:32:42	2159.49
445	1:14:33:44	2165.01
446	1:14:34:45	2123.90
447	1:14:35:46	2100.10
448	1:14:36:47	2076.28
449	1:14:37:48	2054.31
450	1:14:38:50	2036.45
451	1:14:39:51	2031.45
452	1:14:40:52	2028.08
453	1:14:41:53	2025.17
454	1:14:42:54	2015.82
455	1:14:43:56	2004.85
456	1:14:44:57	1996.36
457	1:14:45:58	1988.46
458	1:14:46:59	1995.42
459	1:14:48:00	1989.32
460	1:14:49:02	1992.90
461	1:14:50:03	2003.91
462	1:14:51:04	2011.60
463	1:14:52:05	2008.31

NUMBER	TIME	PSI/DEG F	
464	1:14:53:06	2009.89	
465	1:14:54:08	2015.27	
466	1:14:55:09	2021.50	
467	1:14:56:10	2020.65	
468	1:14:57:11	2018.81	
469	1:14:58:12	2024.06	
470	1:14:59:14	2022.95	
471	1:15:00:15	2013.05	
472	1:15:01:16	2010.74	
473	1:15:02:17	2003.57	
474	1:15:03:18	1996.32	
475	1:15:04:20	2001.73	
476	1:15:05:21	2000.50	
477	1:15:06:22	1998.06	
478	1:15:07:23	2014.97	
479	1:15:08:24	2021.07	
480	1:15:09:26	2017.19	
481	1:15:10:27	2018.38	
482	1:15:11:28	2013.35	
483	1:15:12:29	2017.70	
484	1:15:13:30	2020.01	
485	1:15:14:32	2019.62	
486	1:15:15:33	2017.19	
487	1:15:16:34	2009.59	
488	1:15:17:35	2012.92	
489	1:15:18:36	2011.64	
490	1:15:19:38	2007.50	
491	1:15:20:39	2009.97	
492	1:15:21:40	2022.87	
493	1:15:22:41	2025.81	
494	1:15:23:42	2026.07	
495	1:15:24:44	2031.83	
496	1:15:25:45	2032.26	
497	1:15:26:46	2033.42	
498	1:15:27:47	2037.26	
499	1:15:28:48	2026.88	
500	1:15:29:50	2026.75	
501	1:15:30:51	2029.14	
502	1:15:31:52	2029 06	
503	1:15:32:53	2024.96	
504	1:15:33:54	2022.10	
505	1:15:34:56	1947.06	
506	1:15:35:57	204.05	T
507	1:15:36:58	1830.23	
508	1:15:37:59	1803.77	
509	1:15:39:00	1785.81	
510	1:15:40:02	1763.83	
511	1:15:41:03	1744.74	
512	1:15:42:04	1731.47	
513	1:15:43:05	1736.64	
514	1:15:44:06	1763.53	
515	1:15:45:08	1742.45	
516	1:15:46:09	1773.12	
517	1:15:47:10	1793.32	
518	1:15:48:11	1813.49	
519	1:15:49:12	1830.57	
520	1:15:50:14	1843.02	
521	1:15:51:15	1835.71	

NUMBER	TIME	PSI/DEG F
522	1:15:52:16	1850.97
523	1:15:53:17	1847.10
524	1:15:54:18	1866.03
525	1:15:55:20	1858.75
526	1:15:56:21	1851.10
527	1:15:57:22	1870.96
528	1:15:58:23	1873.43
529	1:15:59:24	1892.23
530	1:16:00:26	1900.36
531	1:16:01:27	1892.06
532	1:16:02:28	1908.79
533	1:16:03:29	1890.06
534	1:16:04:30	1888.57
535	1:16:05:32	1896.66
536	1:16:06:33	1886.79
537	1:16:07:34	1889.59
538	1:16:08:35	1879.59
539	1:16:09:36	1888.91
540	1:16:10:38	1895.25
541	1:16:11:39	1888.06
542	1:16:12:40	1889.00
543	1:16:13:41	1886.15
544	1:16:14:42	1883.21
545	1:16:15:44	1867.05
546	1:16:16:45	1869.85
547	1:16:17:46	1881.08
548	1:16:18:47	1886.40
549	1:16:19:48	1877.30
550	1:16:20:50	1880.53
551	1:16:21:51	1890.15
552	1:16:22:52	1913.18
553	1:16:23:53	1926.29
554	1:16:24:54	1907.51
555	1:16:25:56	1940.14
556	1:16:26:57	1950.66
557	1:16:27:58	1940.78
558	1:16:28:59	1918.67
559	1:16:30:00	1919.95
560	1:16:31:02	1928.04
561	1:16:32:03	1917.86
562	1:16:33:04	1916.88
563	1:16:34:05	1926.04
564	1:16:35:06	1928.55
565	1:16:36:08	1926.59
566	1:16:37:09	1896.49
567	1:16:38:10	1867.26
568	1:16:39:11	1865.09
569	1:16:40:12	1894.79
570	1:16:41:14	1904.11
571	1:16:42:15	1923.35
572	1:16:43:16	1928.08
573	1:16:44:17	1972.57
574	1:16:45:18	1987.67
575	1:16:46:20	1989.38
576	1:16:47:21	1993.09
577	1:16:48:22	1998.00
578	1:16:49:23	1987.33
579	1:16:50:24	1955.61

NUMBER	TIME	PSI/DEG.F	
580	1:16:51:26	1949.47	
581	1:16:52:27	1974.19	
582	1:16:53:28	1955.27	
583	1:16:54:29	1977.78	
584	1:16:55:30	1953.52	
585	1:16:56:32	1951.43	
586	1:16:57:33	1955.22	
587	1:16:58:34	1979.74	
588	1:16:59:35	1982.89	
589	1:17:00:36	1992.71	
590	1:17:01:38	1983.45	
591	1:17:02:39	1966.78	
592	1:17:03:40	1960.89	
593	1:17:04:41	1965.11	
594	1:17:05:42	1971.98	
595	1:17:06:44	1986.39	
596	1:17:07:45	1991.47	
597	1:17:08:46	1982.81	
598	1:17:09:47	1981.62	
599	1:17:10:48	1992.15	
600	1:17:11:50	2014.09	
601	1:17:12:51	2026.34	
602	1:17:13:52	2027.53	
603	1:17:14:53	2020.36	
604	1:17:15:54	2023.18	
605	1:17:16:56	1995.18	
606	1:17:17:57	2004.31	
607	1:17:18:58	206.65	T
608	1:17:19:59	1990.38	
609	1:17:21:00	1996.99	
610	1:17:22:02	1995.07	
611	1:17:23:03	2001.72	
612	1:17:24:04	1993.36	
613	1:17:25:05	1970.38	
614	1:17:26:06	1990.25	
615	1:17:27:08	1993.32	
616	1:17:28:09	1974.30	
617	1:17:29:10	1992.51	
618	1:17:30:11	1993.02	
619	1:17:31:12	2000.23	
620	1:17:32:14	1994.47	
621	1:17:33:15	1990.97	
622	1:17:34:16	1999.33	
623	1:17:35:17	2011.28	
624	1:17:36:18	2023.49	
625	1:17:37:20	2023.87	
626	1:17:38:21	2030.06	
627	1:17:39:22	2033.69	
628	1:17:40:23	2024.72	
629	1:17:41:24	2011.79	
630	1:17:42:26	2023.57	
631	1:17:43:27	2022.08	
632	1:17:44:28	2021.86	
633	1:17:45:29	2021.65	
634	1:17:46:30	2020.84	
635	1:17:47:32	2015.68	
636	1:17:48:33	2017.08	
637	1:17:49:34	2010.60	
638	1:17:50:35	2007.14	
639	1:17:51:36	1995.11	
640	1:17:52:38	2008.64	
641	1:17:53:39	1992.89	
642	1:17:54:40	1994.39	
643	1:17:55:41	1994.09	
644	1:17:56:42	1987.09	
645	1:17:57:44	2015.33	
646	1:17:58:45	2031.94	
647	1:17:59:46	2046.50	
648	1:18:00:47	2058.21	
649	1:18:01:48	2065.04	
650	1:18:02:50	2073.76	
651	1:18:03:51	2077.31	
652	1:18:04:52	2083.03	
653	1:18:05:53	2128.29	
654	1:18:06:54	2163.23	
655	1:18:07:56	2193.39	
656	1:18:08:57	2216.93	
657	1:18:09:58	2233.49	
658	1:18:10:59	2247.83	
659	1:18:12:00	2266.42	
660	1:18:13:02	2277.33	
661	1:18:14:03	2281.75	
662	1:18:15:04	2285.79	
663	1:18:16:05	2301.22	
664	1:18:17:06	2312.05	
665	1:18:18:08	2313.51	
666	1:18:19:09	2312.87	
667	1:18:20:10	2316.69	
668	1:18:21:11	2320.05	
669	1:18:22:12	2324.69	
670	1:18:23:14	2326.28	
671	1:18:24:15	2325.38	
672	1:18:25:16	2326.54	
673	1:18:26:17	2326.76	
674	1:18:27:18	2329.25	
675	1:18:28:20	2327.75	
676	1:18:29:21	2327.88	
677	1:18:30:22	2327.06	
678	1:18:31:23	2326.33	
679	1:18:32:24	2328.31	
680	1:18:33:26	2331.53	
681	1:18:34:27	2334.80	
682	1:18:35:28	2336.39	
683	1:18:36:29	2335.06	
684	1:18:37:30	2335.14	
685	1:18:38:32	2335.79	
686	1:18:39:33	2335.70	
687	1:18:40:34	2336.22	
688	1:18:41:35	2336.56	
689	1:18:42:36	2337.86	
690	1:18:43:38	2338.16	
691	1:18:44:39	2338.11	
692	1:18:45:40	2335.96	
693	1:18:46:41	2335.19	
694	1:18:47:42	2336.95	
695	1:18:48:44	2340.05	

NUMBER	TIME	PSI/DEG.F	
696	1:18:49:45	2337.90	
697	1:18:50:46	2340.14	
698	1:18:51:47	2342.72	
699	1:18:52:48	2341.08	
700	1:18:53:50	2342.93	
701	1:18:54:51	2341.64	
702	1:18:55:52	2341.56	
703	1:18:56:53	2344.27	
704	1:18:57:54	2342.76	
705	1:18:58:56	2341.43	
706	1:18:59:57	2343.71	
707	1:19:00:58	2343.84	
708	1:19:01:59	207.77	T
709	1:19:03:00	2345.07	
710	1:19:04:02	2344.73	
711	1:19:05:03	2345.24	
712	1:19:06:04	2345.46	
713	1:19:07:05	2343.52	
714	1:19:08:06	2345.29	
715	1:19:09:08	2347.87	
716	1:19:10:09	2347.82	
717	1:19:11:10	2347.44	
718	1:19:12:11	2346.23	
719	1:19:13:12	2347.05	
720	1:19:14:14	2346.96	
721	1:19:15:15	2346.88	
722	1:19:16:16	2347.31	
723	1:19:17:17	2348.00	
724	1:19:18:18	2347.78	
725	1:19:19:20	2347.35	
726	1:19:20:21	2347.26	
727	1:19:21:22	2347.87	
728	1:19:22:23	2347.35	
729	1:19:23:24	2346.75	
730	1:19:24:26	2347.01	
731	1:19:25:27	2347.05	
732	1:19:26:28	2347.82	
733	1:19:27:29	2348.68	
734	1:19:28:30	2347.52	
735	1:19:29:32	2347.69	
736	1:19:30:33	2348.17	
737	1:19:31:34	2348.94	
738	1:19:32:35	2350.15	
739	1:19:33:36	2349.37	
740	1:19:34:38	2349.29	
741	1:19:35:39	2347.44	
742	1:19:36:40	2348.17	
743	1:19:37:41	2348.56	
744	1:19:38:42	2349.33	
745	1:19:39:44	2349.98	
746	1:19:40:45	2348.47	
747	1:19:41:46	2348.43	
748	1:19:42:47	2349.85	
749	1:19:43:48	2349.33	
750	1:19:44:50	2350.84	
751	1:19:45:51	2350.96	
752	1:19:46:52	2349.59	
753	1:19:47:53	2348.99	

NUMBER	TIME	PSI/DEG.F	
754	1:19:48:54	2348.34	
755	1:19:49:56	2348.68	
756	1:19:50:57	2349.11	
757	1:19:51:58	2349.33	
758	1:19:52:59	2350.45	
759	1:19:54:00	2350.58	
760	1:19:55:02	2351.65	
761	1:19:56:03	2351.91	
762	1:19:57:04	2350.10	
763	1:19:58:05	2348.99	
764	1:19:59:06	2348.56	
765	1:20:00:08	2349.85	
766	1:20:01:09	2349.54	
767	1:20:02:10	2350.45	
768	1:20:03:11	2354.79	
769	1:20:04:12	2345.54	
770	1:20:05:14	2342.66	
771	1:20:06:15	2341.93	
772	1:20:07:16	2344.08	
773	1:20:08:17	2345.37	
774	1:20:09:18	2347.87	
775	1:20:10:20	2347.74	
776	1:20:11:21	2347.44	
777	1:20:12:22	2349.11	
778	1:20:13:23	2350.49	
779	1:20:14:24	2349.24	
780	1:20:15:26	2348.47	
781	1:20:16:27	2349.37	
782	1:20:17:28	2350.62	
783	1:20:18:29	2351.14	
784	1:20:19:30	2350.92	
785	1:20:20:32	2350.06	
786	1:20:21:33	2350.75	
787	1:20:22:34	2352.04	
788	1:20:23:35	2351.61	
789	1:20:24:36	2350.23	
790	1:20:25:38	2350.79	
791	1:20:26:39	2350.36	
792	1:20:27:40	2349.33	
793	1:20:28:41	2351.09	
794	1:20:29:42	2346.62	
795	1:20:30:44	2351.48	
796	1:20:31:45	2350.88	
797	1:20:32:46	2350.32	
798	1:20:33:47	2351.01	
799	1:20:34:48	2351.22	
800	1:20:35:50	2349.50	
801	1:20:36:51	2353.25	
802	1:20:37:52	2356.99	
803	1:20:38:53	2352.47	
804	1:20:39:54	2351.70	
805	1:20:40:56	2349.50	
806	1:20:41:57	2346.32	
807	1:20:42:58	2346.58	
808	1:20:43:59	2349.24	
809	1:20:45:00	208.07	T
810	1:20:46:02	2352.75	
811	1:20:47:03	2354.73	

NUMBER	TIME	PSI/DEG.F
812	1:20:48:04	2353.83
813	1:20:49:05	2353.31
814	1:20:50:06	2353.31
815	1:20:51:08	2351.33
816	1:20:52:09	2351.63
817	1:20:53:10	2354.04
818	1:20:54:11	2354.82
819	1:20:55:12	2354.82
820	1:20:56:14	2357.23
821	1:20:57:15	2355.50
822	1:20:58:16	2352.32
823	1:20:59:17	2353.44
824	1:21:00:18	2354.43
825	1:21:01:20	2351.72
826	1:21:02:21	2354.34
827	1:21:03:22	2358.65
828	1:21:04:23	2356.75
829	1:21:05:24	2356.88
830	1:21:06:26	2356.71
831	1:21:07:27	2355.72
832	1:21:08:28	2355.29
833	1:21:09:29	2361.62
834	1:21:10:30	2360.80
835	1:21:11:32	2360.50
836	1:21:12:33	2362.56
837	1:21:13:34	2348.83
838	1:21:14:35	2347.97
839	1:21:15:36	2350.64
840	1:21:16:38	2352.58
841	1:21:17:39	2358.09
842	1:21:18:40	2359.03
843	1:21:19:41	2358.09
844	1:21:20:42	2356.54
845	1:21:21:44	2355.98
846	1:21:22:45	2356.28
847	1:21:23:46	2358.78
848	1:21:24:47	2358.52
849	1:21:25:48	2355.03
850	1:21:26:50	2355.16
851	1:21:27:51	2356.11
852	1:21:28:52	2355.38
853	1:21:29:53	2354.17
854	1:21:30:54	2358.65
855	1:21:31:56	2358.52
856	1:21:32:57	2357.44
857	1:21:33:58	2355.33
858	1:21:34:59	2352.84
859	1:21:36:00	2357.23
860	1:21:37:02	2360.33
861	1:21:38:03	2358.95
862	1:21:39:04	2356.88
863	1:21:40:05	2356.37
864	1:21:41:06	2356.19
865	1:21:42:08	2357.10
866	1:21:43:09	2358.13
867	1:21:44:10	2357.48
868	1:21:45:11	2356.67
869	1:21:46:12	2357.53

NUMBER	TIME	PSI/DEG.F	
870	1:21:47:14	2359.29	
871	1:21:48:15	2359.12	
872	1:21:49:16	2358.17	
873	1:21:50:17	2358.65	
874	1:21:51:18	2358.13	
875	1:21:52:20	2356.49	
876	1:21:53:21	2355.94	
877	1:21:54:22	2358.52	
878	1:21:55:23	2358.78	
879	1:21:56:24	2358.30	
880	1:21:57:26	2358.78	
881	1:21:58:27	2358.95	
882	1:21:59:28	2357.44	
883	1:22:00:29	2413.73	
884	1:22:01:30	2476.28	
885	1:22:02:32	2520.94	
886	1:22:03:33	2550.03	
887	1:22:04:34	2568.11	
888	1:22:05:35	2579.32	
889	1:22:06:36	2586.16	
890	1:22:07:38	2589.97	
891	1:22:08:39	2593.00	
892	1:22:09:40	2595.51	
893	1:22:10:41	2597.67	
894	1:22:11:42	2599.49	
895	1:22:12:44	2601.18	
896	1:22:13:45	2602.83	
897	1:22:14:46	2605.21	
898	1:22:15:47	2606.51	
899	1:22:16:48	2607.33	
900	1:22:17:50	2607.85	
901	1:22:18:51	2608.24	
902	1:22:19:52	2608.85	
903	1:22:20:53	2609.37	
904	1:22:21:54	2609.71	
905	1:22:22:56	2610.10	
906	1:22:23:57	2610.45	
907	1:22:24:58	2610.71	
908	1:22:25:59	2610.88	
909	1:22:27:00	2610.97	
910	1:22:28:02	207.69	T
911	1:22:29:03	2610.75	
912	1:22:30:04	2610.88	
913	1:22:31:05	2610.92	
914	1:22:32:06	2610.97	
915	1:22:33:08	2611.01	
916	1:22:34:09	2611.23	
917	1:22:35:10	2611.36	
918	1:22:36:11	2611.57	
919	1:22:37:12	2611.92	
920	1:22:38:14	2612.14	
921	1:22:39:15	2612.35	
922	1:22:40:16	2612.83	
923	1:22:41:17	2613.18	
924	1:22:42:18	2613.39	
925	1:22:43:20	2613.61	
926	1:22:44:21	2613.91	
927	1:22:45:22	2614.22	

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NUMBER	TIME	PSI/DEG.F
928	1:22:46:23	2614.48
929	1:22:47:24	2614.74
930	1:22:48:26	2615.00
931	1:22:49:27	2615.30
932	1:22:50:28	2615.56
933	1:22:51:29	2615.90
934	1:22:52:30	2616.21
935	1:22:53:32	2616.55
936	1:22:54:33	2616.81
937	1:22:55:34	2617.03
938	1:22:56:35	2617.29
939	1:22:57:36	2617.55
940	1:22:58:38	2617.72
941	1:22:59:39	2617.94
942	1:23:00:40	2618.11
943	1:23:01:41	2618.33
944	1:23:02:42	2618.46
945	1:23:03:44	2618.63
946	1:23:04:45	2618.72
947	1:23:05:46	2618.85
948	1:23:06:47	2619.02
949	1:23:07:48	2619.07
950	1:23:08:50	2619.11
951	1:23:09:51	2619.20
952	1:23:10:52	2619.28
953	1:23:11:53	2619.46
954	1:23:12:54	2619.54
955	1:23:13:56	2619.76
956	1:23:14:57	2620.06
957	1:23:15:58	2620.19
958	1:23:16:59	2620.28
959	1:23:18:00	2620.37
960	1:23:19:02	2620.50
961	1:23:20:03	2620.63
962	1:23:21:04	2620.76
963	1:23:22:05	2620.80
964	1:23:23:06	2620.84
965	1:23:24:08	2620.89
966	1:23:25:09	2621.15
967	1:23:26:10	2621.23
968	1:23:27:11	2621.36
969	1:23:28:12	2621.41
970	1:23:29:14	2621.54
971	1:23:30:15	2621.71
972	1:23:31:16	2621.80
973	1:23:32:17	2621.88
974	1:23:33:18	2621.97
975	1:23:34:20	2622.06
976	1:23:35:21	2622.19
977	1:23:36:22	2622.27
978	1:23:37:23	2622.49
979	1:23:38:24	2622.58
980	1:23:39:26	2622.75
981	1:23:40:27	2622.79
982	1:23:41:28	2622.97
983	1:23:42:29	2623.05
984	1:23:43:30	2623.14
985	1:23:44:32	2623.18

NUMBER	TIME	PSI/DEG.F	
986	1:23:45:33	2623.14	
987	1:23:46:34	2623.10	
988	1:23:47:35	2623.05	
989	1:23:48:36	2623.05	
990	1:23:49:38	2622.97	
991	1:23:50:39	2623.01	
992	1:23:51:40	2623.01	
993	1:23:52:41	2622.97	
994	1:23:53:42	2623.01	
995	1:23:54:44	2623.01	
996	1:23:55:45	2623.05	
997	1:23:56:46	2623.05	
998	1:23:57:47	2623.01	
999	1:23:58:48	2623.01	
1000	1:23:59:50	2622.92	
1001	2:00:00:51	2622.53	
1002	2:00:01:52	2622.53	
1003	2:00:02:53	2623.14	
1004	2:00:03:54	2623.10	
1005	2:00:04:56	2624.05	
1006	2:00:05:57	2623.70	
1007	2:00:06:58	2623.53	
1008	2:00:07:59	2623.83	
1009	2:00:09:00	2624.35	
1010	2:00:10:02	2624.70	
1011	2:00:11:03	203.30	T
1012	2:00:12:04	2620.91	
1013	2:00:13:05	2620.95	
1014	2:00:14:06	2621.04	
1015	2:00:15:08	2620.86	
1016	2:00:16:09	2620.69	
1017	2:00:17:10	2620.52	
1018	2:00:18:11	2620.34	
1019	2:00:19:12	2620.34	
1020	2:00:20:14	2619.69	
1021	2:00:21:15	2618.78	
1022	2:00:22:16	2618.87	
1023	2:00:23:17	2617.40	
1024	2:00:24:18	2619.87	
1025	2:00:25:20	2620.34	
1026	2:00:26:21	2620.43	
1027	2:00:27:22	2620.26	
1028	2:00:28:23	2620.13	
1029	2:00:29:24	2620.21	
1030	2:00:30:26	2620.13	
1031	2:00:31:27	2620.13	
1032	2:00:32:28	2620.21	
1033	2:00:33:29	2620.34	
1034	2:00:34:30	2620.47	
1035	2:00:35:32	2620.60	
1036	2:00:36:33	2620.69	
1037	2:00:37:34	2620.65	
1038	2:00:38:35	2620.73	
1039	2:00:39:36	2620.08	
1040	2:00:40:38	2619.87	
1041	2:00:41:39	2620.86	
1042	2:00:42:40	2619.95	
1043	2:00:43:41	2620.56	

NUMBER	TIME	PSI/DEG.F
1044	2:00:44:42	2620.43
1045	2:00:45:44	2619.56
1046	2:00:46:45	2618.87
1047	2:00:47:46	2618.74
1048	2:00:48:47	2619.74
1049	2:00:49:48	2620.52
1050	2:00:50:50	2620.78
1051	2:00:51:51	2620.78
1052	2:00:52:52	2620.30
1053	2:00:53:53	2620.69
1054	2:00:54:54	2621.43
1055	2:00:55:56	2622.03
1056	2:00:56:57	2622.34
1057	2:00:57:58	2622.42
1058	2:00:58:59	2622.47
1059	2:01:00:00	2622.51
1060	2:01:01:02	2622.60
1061	2:01:02:03	2622.77
1062	2:01:03:04	2622.81
1063	2:01:04:05	2622.81
1064	2:01:05:06	2622.86
1065	2:01:06:08	2622.90
1066	2:01:07:09	2623.12
1067	2:01:08:10	2623.25
1068	2:01:09:11	2623.33
1069	2:01:10:12	2623.42
1070	2:01:11:14	2623.46
1071	2:01:12:15	2623.64
1072	2:01:13:16	2623.64
1073	2:01:14:17	2623.72
1074	2:01:15:18	2623.72
1075	2:01:16:20	2623.81
1076	2:01:17:21	2623.85
1077	2:01:18:22	2623.90
1078	2:01:19:23	2623.94
1079	2:01:20:24	2623.98
1080	2:01:21:26	2624.29
1081	2:01:22:27	2624.29
1082	2:01:23:28	2624.24
1083	2:01:24:29	2624.24
1084	2:01:25:30	2624.24
1085	2:01:26:32	2624.33
1086	2:01:27:33	2624.33
1087	2:01:28:34	2624.33
1088	2:01:29:35	2624.37
1089	2:01:30:36	2624.50
1090	2:01:31:38	2624.46
1091	2:01:32:39	2624.59
1092	2:01:33:40	2624.59
1093	2:01:34:41	2624.59
1094	2:01:35:42	2624.68
1095	2:01:36:44	2624.72
1096	2:01:37:45	2624.76
1097	2:01:38:46	2624.81
1098	2:01:39:47	2624.89
1099	2:01:40:48	2624.89
1100	2:01:41:50	2624.94
1101	2:01:42:51	2624.98
1102	2:01:43:52	2625.07
1103	2:01:44:53	2625.11
1104	2:01:45:54	2625.20
1105	2:01:46:56	2625.24
1106	2:01:47:57	2625.20
1107	2:01:48:58	2625.24
1108	2:01:49:59	2625.33
1109	2:01:51:00	2625.41
1110	2:01:52:02	2625.46
1111	2:01:53:03	2625.50
1112	2:01:54:04	202.04 T
1113	2:01:55:05	2624.48
1114	2:01:56:06	2624.35
1115	2:01:57:08	2624.26
1116	2:01:58:09	2624.26
1117	2:01:59:10	2624.26
1118	2:02:00 11	2624.35
1119	2:02:01:12	2624.35
1120	2:02:02:14	2624.39
1121	2:02:03:15	2624.48
1122	2:02:04:16	2624.56
1123	2:02:05:17	2624.61
1124	2:02:06:18	2624.65
1125	2:02:07:20	2624.65
1126	2:02:08:21	2624.78
1127	2:02:09:22	2624.82
1128	2:02:10:23	2625.00
1129	2:02:11:24	2624.91
1130	2:02:12:26	2625.00
1131	2:02:13:27	2625.00
1132	2:02:14:28	2625.04
1133	2:02:15:29	2625.04
1134	2:02:16:30	2625.00
1135	2:02:17:32	2625.00
1136	2:02 18:33	2625.08
1137	2:02:19:34	2625.13
1138	2:02:20:35	2625.08
1139	2:02:21:36	2625.08
1140	2:02:22:38	2625.08
1141	2:02:23:39	2625.26
1142	2:02:24:40	2625.26
1143	2:02:25:41	2625.43
1144	2:02:26:42	2625.65
1145	2:02:27:44	2625.73
1146	2:02:28:45	2625.78
1147	2:02:29:46	2625.78
1148	2:02:30:47	2625.82
1149	2:02:31:48	2625.82
1150	2:02:32:50	2625.78
1151	2:02:33:51	2625.78
1152	2:02:34:52	2625.82
1153	2:02:35:53	2625.86
1154	2:02:36:54	2625.82
1155	2:02:37:56	2625.82
1156	2:02:38:57	2625.86
1157	2:02:39:58	2625.95
1158	2:02:40:59	2625.95
1159	2:02:42:00	2625.99

NUMBER	TIME	PSI/DEG.F	
1160	2:02:43:02	2625.95	
1161	2:02:44:03	2625.99	
1162	2:02:45:04	2626.04	
1163	2:02:46:05	2626.08	
1164	2:02:47:06	2626.13	
1165	2:02:48:08	2626.21	
1166	2:02:49:09	2626.26	
1167	2:02:50:10	2626.30	
1168	2:02:51:11	2626.34	
1169	2:02:52:12	2626.39	
1170	2:02:53:14	2626.82	
1171	2:02:54:15	2622.96	
1172	2:02:55:16	2623.05	
1173	2:02:56:17	2623.09	
1174	2:02:57:18	2623.09	
1175	2:02:58:20	2623.13	
1176	2:02:59:21	2623.13	
1177	2:03:00:22	2623.18	
1178	2:03:01:23	2623.18	
1179	2:03:02:24	2623.18	
1180	2:03:03:26	2623.22	
1181	2:03:04:27	2623.22	
1182	2:03:05:28	2623.22	
1183	2:03:06:29	2623.26	
1184	2:03:07:30	2623.26	
1185	2:03:08:32	2623.31	
1186	2:03:09:33	2623.35	
1187	2:03:10:34	2623.35	
1188	2:03:11:35	2623.35	
1189	2:03:12:36	2623.35	
1190	2:03:13:38	2623.44	
1191	2:03:14:39	2623.44	
1192	2:03:15:40	2623.44	
1193	2:03:16:41	2623.44	
1194	2:03:17:42	2623.44	
1195	2:03:18:44	2622.92	
1196	2:03:19:45	2623.18	
1197	2:03:20:46	2623.26	
1198	2:03:21:47	2623.44	
1199	2:03:22:48	2623.52	
1200	2:03:23:50	2623.61	
1201	2:03:24:51	2623.61	
1202	2:03:25:52	2623.65	
1203	2:03:26:53	2623.70	
1204	2:03:27:54	2623.74	
1205	2:03:28:56	2623.78	
1206	2:03:29:57	2623.78	
1207	2:03:30:58	2623.83	
1208	2:03:31:59	2623.83	
1209	2:03:33:00	2623.87	
1210	2:03:34:02	2623.91	
1211	2:03:35:03	2623.96	
1212	2:03:36:04	2623.96	
1213	2:03:37:05	201.51	T
1214	2:03:38:06	2623.54	
1215	2:03:39:08	2623.58	
1216	2:03:40:09	2623.62	
1217	2:03:41:10	2623.62	
1218	2:03:42:11	2623.58	
1219	2:03:43:12	2623.58	
1220	2:03:44:14	2623.58	
1221	2:03:45:15	2623.58	
1222	2:03:46:16	2623.62	
1223	2:03:47:17	2623.67	
1224	2:03:48:18	2623.67	
1225	2:03:49:20	2623.41	
1226	2:03:50:21	2623.58	
1227	2:03:51:22	2623.75	
1228	2:03:52:23	2623.75	
1229	2:03:53:24	2623.75	
1230	2:03:54:26	2859.58	
1231	2:03:55:27	2907.54	
1232	2:03:56:28	2879.91	
1233	2:03:57:29	2884.05	
1234	2:03:58:30	2892.21	
1235	2:03:59:32	2895.22	
1236	2:04:00:33	2895.84	
1237	2:04:01:34	2897.84	
1238	2:04:02:35	2899.72	
1239	2:04:03:36	2902.17	
1240	2:04:04:38	2905.18	
1241	2:04:05:39	2906.84	
1242	2:04:06:40	2910.59	
1243	2:04:07:41	2912.64	
1244	2:04:08:42	2914.13	
1245	2:04:09:44	2914.83	
1246	2:04:10:45	2915.09	
1247	2:04:11:46	2916.09	
1248	2:04:12:47	2916.31	
1249	2:04:13:48	2916.57	
1250	2:04:14:50	2915.70	
1251	2:04:15:51	2915.92	
1252	2:04:16:52	2916.01	
1253	2:04:17:53	2915.44	
1254	2:04:18:54	2915.96	
1255	2:04:19:56	2915.40	
1256	2:04:20:57	2915.22	
1257	2:04:21:58	2915.09	
1258	2:04:22:59	2914.74	
1259	2:04:24:00	2915.00	
1260	2:04:25:02	2914.09	
1261	2:04:26:03	2913.91	
1262	2:04:27:04	2913.60	
1263	2:04:28:05	2913.34	
1264	2:04:29:06	2913.17	
1265	2:04:30:08	2912.78	
1266	2:04:31:09	2912.86	
1267	2:04:32:10	2912.29	
1268	2:04:33:11	2911.99	
1269	2:04:34:12	2911.25	
1270	2:04:35:14	2911.55	
1271	2:04:36:15	2910.98	
1272	2:04:37:16	2910.90	
1273	2:04:38:17	2910.07	
1274	2:04:39:18	2909.67	
1275	2:04:40:20	2909.98	

NUMBER	TIME	PSI/DEG.F	
1276	2:04:41:21	2909.50	
1277	2:04:42:22	2909.46	
1278	2:04:43:23	2908.45	
1279	2:04:44:24	2908.71	
1280	2:04:45:26	2908.58	
1281	2:04:46:27	2896.88	
1282	2:04:47:28	2889.99	
1283	2:04:48:29	2923.87	
1284	2:04:49:30	2932.74	
1285	2:04:50:32	2937.76	
1286	2:04:51:33	2913.95	
1287	2:04:52:34	2915.83	
1288	2:04:53:35	2910.07	
1289	2:04:54:36	2924.52	
1290	2:04:55:38	2916.79	
1291	2:04:56:39	2918.98	
1292	2:04:57:40	2921.42	
1293	2:04:58:41	2936.54	
1294	2:04:59:42	2931.47	
1295	2:05:00:44	2927.36	
1296	2:05:01:45	2956.64	
1297	2:05:02:46	2936.36	
1298	2:05:03:47	2929.11	
1299	2:05:04:48	2915.53	
1300	2:05:05:50	2935.75	
1301	2:05:06:51	2914.00	
1302	2:05:07:52	2929.94	
1303	2:05:08:53	2941.26	
1304	2:05:09:54	2931.51	
1305	2:05:10:56	2912.29	
1306	2:05:11:57	2948.60	
1307	2:05:12:58	2932.47	
1308	2:05:13:59	2927.71	
1309	2:05:15:00	2866.65	
1310	2:05:16:02	2889.42	
1311	2:05:17:03	2887.28	
1312	2:05:18:04	2904.74	
1313	2:05:19:05	2911.77	
1314	2:05:20:06	180.81	T
1315	2:05:21:08	2895.69	
1316	2:05:22:09	2893.99	
1317	2:05:23:10	2889.35	
1318	2:05:24:11	2900.85	
1319	2:05:25:12	2887.47	
1320	2:05:26:14	2897.57	
1321	2:05:27:15	2914.23	
1322	2:05:28:16	2893.59	
1323	2:05:29:17	2897.18	
1324	2:05:30:18	2833.27	
1325	2:05:31:20	2871.48	
1326	2:05:32:21	2858.33	
1327	2:05:33:22	2899.98	
1328	2:05:34:23	2888.96	
1329	2:05:35:24	2888.17	
1330	2:05:36:26	2876.33	
1331	2:05:37:27	2877.03	
1332	2:05:38:28	2876.77	
1333	2:05:39:29	2883.93	

NUMBER	TIME	PSI/DEG.F
1334	2:05:40:30	2879.48
1335	2:05:41:32	2904.61
1336	2:05:42:33	2876.90
1337	2:05:43:34	2894.55
1338	2:05:44:35	2859.86
1339	2:05:45:36	2892.33
1340	2:05:46:38	2868.38
1341	2:05:47:39	2877.90
1342	2:05:48:40	2880.57
1343	2:05:49:41	2875.32
1344	2:05:50:42	2864.32
1345	2:05:51:44	2883.58
1346	2:05:52:45	2873.58
1347	2:05:53:46	2879.39
1348	2:05:54:47	2890.45
1349	2:05:55:48	2859.64
1350	2:05:56:50	2866.76
1351	2:05:57:51	2881.40
1352	2:05:58:52	2868.33
1353	2:05:59:53	2877.38
1354	2:06:00:54	2884.89
1355	2:06:01:56	2885.99
1356	2:06:02:57	2790.65
1357	2:06:03:58	2825.11
1358	2:06:04:59	2830.35
1359	2:06:06:00	2835.98
1360	2:06:07:02	2837.46
1361	2:06:08:03	2772.65
1362	2:06:09:04	2780.10
1363	2:06:10:05	2791.91
1364	2:06:11:06	2776.35
1365	2:06:12:08	2797.80
1366	2:06:13:09	2807.22
1367	2:06:14:10	2789.73
1368	2:06:15:11	2807.92
1369	2:06:16:12	2787.47
1370	2:06:17:14	2789.38
1371	2:06:18:15	2809.49
1372	2:06:19:16	2789.47
1373	2:06:20:17	2790.65
1374	2:06:21:18	2793.66
1375	2:06:22:20	2794.14
1376	2:06:23:21	2794.97
1377	2:06:24:22	2790.91
1378	2:06:25:23	2809.79
1379	2:06:26:24	2792.31
1380	2:06:27:26	2780.19
1381	2:06:28:27	2798.37
1382	2:06:29:28	2792.09
1383	2:06:30:29	2799.68
1384	2:06:31:30	2796.27
1385	2:06:32:32	2795.45
1386	2:06:33:33	2801.29
1387	2:06:34:34	2797.97
1388	2:06:35:35	2785.11
1389	2:06:36:36	2779.88
1390	2:06:37:38	2796.40
1391	2:06:38:39	2790.08

NUMBER	TIME	PSI/DEG.F	
1392	2:06:39:40	2792.31	
1393	2:06:40:41	2790.43	
1394	2:06:41:42	2773.34	
1395	2:06:42:44	2770.51	
1396	2:06:43:45	2782.58	
1397	2:06:44:46	2799.94	
1398	2:06:45:47	2783.54	
1399	2:06:46:48	2743.98	
1400	2:06:47:50	2800.68	
1401	2:06:48:51	2798.11	
1402	2:06:49:52	2804.30	
1403	2:06:50:53	2788.21	
1404	2:06:51:54	2800.55	
1405	2:06:52:56	2769.29	
1406	2:06:53:57	2811.15	
1407	2:06:54:58	2758.88	
1408	2:06:55:59	2766.33	
1409	2:06:57:00	2796.62	
1410	2:06:58:02	2773.65	
1411	2:06:59:03	2790.56	
1412	2:07:00:04	2754.26	
1413	2:07:01:05	2779.49	
1414	2:07:02:06	2778.75	
1415	2:07:03:08	173.01	T
1416	2:07:04:09	2779.37	
1417	2:07:05:10	2770.82	
1418	2:07:06:11	2762.49	
1419	2:07:07:12	2780.72	
1420	2:07:08:14	2765.81	
1421	2:07:09:15	2762.49	
1422	2:07:10:16	2765.98	
1423	2:07:11:17	2831.22	
1424	2:07:12:18	2854.99	
1425	2:07:13:20	2854.90	
1426	2:07:14:21	2800.58	
1427	2:07:15:22	2826.55	
1428	2:07:16:23	2813.23	
1429	2:07:17:24	2798.52	
1430	2:07:18:26	2776.58	
1431	2:07:19:27	2794.07	
1432	2:07:20:28	2782.47	
1433	2:07:21:29	2782.47	
1434	2:07:22:30	2776.19	
1435	2:07:23:32	2775.32	
1436	2:07:24:33	2768.38	
1437	2:07:25:34	2774.14	
1438	2:07:26:35	2781.38	
1439	2:07:27:36	2777.93	
1440	2:07:28:38	2770.17	
1441	2:07:29:39	2768.86	
1442	2:07:30:40	2763.58	
1443	2:07:31:41	2790.58	
1444	2:07:32:42	2779.59	
1445	2:07:33:44	2777.80	
1446	2:07:34:45	2773.40	
1447	2:07:35:46	2762.28	
1448	2:07:36:47	2752.82	
1449	2:07:37:48	2799.18	

NUMBER	TIME	PSI/DEG.F
1450	2:07:38:50	2759.79
1451	2:07:39:51	2765.94
1452	2:07:40:52	2714.91
1453	2:07:41:53	2729.07
1454	2:07:42:54	2732.20
1455	2:07:43:56	2726.89
1456	2:07:44:57	2737.91
1457	2:07:45:58	2713.13
1458	2:07:46:59	2736.17
1459	2:07:48:00	2736.43
1460	2:07:49:02	2729.94
1461	2:07:50:03	2741.35
1462	2:07:51:04	2729.28
1463	2:07:52:05	2724.84
1464	2:07:53:06	2728.81
1465	2:07:54:08	2739.35
1466	2:07:55:09	2731.25
1467	2:07:56:10	2728.15
1468	2:07:57:11	2731.16
1469	2:07:58:12	2725.93
1470	2:07:59:14	2719.35
1471	2:08:00:15	2717.74
1472	2:08:01:16	2732.12
1473	2:08:02:17	2790.50
1474	2:08:03:18	2778.15
1475	2:08:04:20	2784.65
1476	2:08:05:21	2771.26
1477	2:08:06:22	2744.19
1478	2:08:07:23	2773.88
1479	2:08:08:24	2758.92
1480	2:08:09:26	2699.63
1481	2:08:10:27	2669.17
1482	2:08:11:28	2540.87
1483	2:08:12:29	2630.38
1484	2:08:13:30	2607.44
1485	2:08:14:32	2577.79
1486	2:08:15:33	2520.58
1487	2:08:16:34	2547.16
1488	2:08:17:35	2520.54
1489	2:08:18:36	2482.11
1490	2:08:19:38	2489.00
1491	2:08:20:39	2460.94
1492	2:08:21:40	2334.33
1493	2:08:22:41	2388.17
1494	2:08:23:42	2281.30
1495	2:08:24:44	2345.34
1496	2:08:25:45	2307.16
1497	2:08:26:46	2187.68
1498	2:08:27:47	2268.11
1499	2:08:28:48	2120.63
1500	2:08:29:50	2221.58
1501	2:08:30:51	2165.85
1502	2:08:31:52	2168.25
1503	2:08:32:53	2126.85
1504	2:08:33:54	2023.73
1505	2:08:34:56	2081.07
1506	2:08:35:57	2025.32
1507	2:08:36:58	2029.26

NUMBER	TIME	PSI/DEG.F	
1508	2:08:37:59	1979.47	
1509	2:08:39:00	1994.06	
1510	2:08:40:02	1939.54	
1511	2:08:41:03	1741.36	
1512	2:08:42:04	1909.08	
1513	2:08:43:05	1843.66	
1514	2:08:44:06	1682.53	
1515	2:08:45:08	1811.09	
1516	2:08:46:09	152.84	T
1517	2:08:47:10	1603.27	
1518	2:08:48:11	1715.39	
1519	2:08:49:12	1670.28	
1520	2:08:50:14	1642.66	
1521	2:08:51:15	1607.69	
1522	2:08:52:16	1500.89	
1523	2:08:53:17	1546.39	
1524	2:08:54:18	1516.21	
1525	2:08:55:20	1274.18	
1526	2:08:56:21	1473.12	
1527	2:08:57:22	1248.45	
1528	2:08:58:23	1404.25	
1529	2:08:59:24	1378.23	
1530	2:09:00:26	1350.07	
1531	2:09:01:27	1316.10	
1532	2:09:02:28	1273.88	
1533	2:09:03:29	1229.60	
1534	2:09:04:30	1218.43	
1535	2:09:05:32	1202.08	
1536	2:09:06:33	1182.41	
1537	2:09:07:34	1128.32	
1538	2:09:08:35	1081.58	
1539	2:09:09:36	1081.58	
1540	2:09:10:38	1064.14	
1541	2:09:11:39	1027.40	
1542	2:09:12:40	994.26	
1543	2:09:13:41	933.66	
1544	2:09:14:42	943.08	
1545	2:09:15:44	893.42	
1546	2:09:16:45	848.17	
1547	2:09:17:46	798.40	
1548	2:09:18:47	792.18	
1549	2:09:19:48	756.78	
1550	2:09:20:50	748.06	
1551	2:09:21:51	707.24	
1552	2:09:22:52	549.58	
1553	2:09:23:53	659.63	
1554	2:09:24:54	611.02	
1555	2:09:25:56	441.57	
1556	2:09:26:57	563.46	
1557	2:09:27:58	512.54	
1558	2:09:28:59	514.12	
1559	2:09:30:00	466.11	
1560	2:09:31:02	394.14	
1561	2:09:32:03	422.14	
1562	2:09:33:04	417.29	
1563	2:09:34:05	394.34	
1564	2:09:35:06	390.74	
1565	2:09:36:08	394.39	

NUMBER	TIME	PSI/DEG.F	
1566	2:09:37:09	357.59	
1567	2:09:38:10	362.47	
1568	2:09:39:11	365.20	
1569	2:09:40:12	360.28	
1570	2:09:41:14	328.39	
1571	2:09:42:15	330.62	
1572	2:09:43:16	298.09	
1573	2:09:44:17	295.81	
1574	2:09:45:18	300.53	
1575	2:09:46:20	297.63	
1576	2:09:47:21	287.55	
1577	2:09:48:22	271.85	
1578	2:09:49:23	275.82	
1579	2:09:50:24	273.88	
1580	2:09:51:26	277.35	
1581	2:09:52:27	276.52	
1582	2:09:53:28	278.63	
1583	2:09:54:29	275.82	
1584	2:09:55:30	275.94	
1585	2:09:56:32	278.83	
1586	2:09:57:33	275.53	
1587	2:09:58:34	270.70	
1588	2:09:59:35	274.87	
1589	2:10:00:36	271.23	
1590	2:10:01:38	274.50	
1591	2:10:02:39	276.07	
1592	2:10:03:40	274.46	
1593	2:10:04:41	270.53	
1594	2:10:05:42	271.90	
1595	2:10:06:44	276.77	
1596	2:10:07:45	270.08	
1597	2:10:08:46	216.54	
1598	2:10:09:47	222.48	
1599	2:10:10:48	223.55	
1600	2:10:11:50	224.38	
1601	2:10:12:51	225.49	
1602	2:10:13:52	223.31	
1603	2:10:14:53	223.02	
1604	2:10:15:54	224.22	
1605	2:10:16:56	224.05	
1606	2:10:17:57	221.53	
1607	2:10:18:58	217.37	
1608	2:10:19:59	216.95	
1609	2:10:21:00	211.84	
1610	2:10:22:02	211.14	
1611	2:10:23:03	214.97	
1612	2:10:24:04	214.73	
1613	2:10:25:05	213.03	
1614	2:10:26:06	215.43	
1615	2:10:27:08	213.65	
1616	2:10:28:09	214.97	
1617	2:10:29:10	83.06	T
1618	2:10:30:11	183.59	
1619	2:10:31:12	186.43	
1620	2:10:32:14	186.26	
1621	2:10:33:15	184.09	
1622	2:10:34:16	186.55	
1623	2:10:35:17	181.22	

NUMBER	TIME	PSI/DEG.F
1624	2:10:36:18	170.62
1625	2:10:37:20	177.09
1626	2:10:38:21	173.96
1627	2:10:39:22	174.96
1628	2:10:40:23	176.96
1629	2:10:41:24	173.87
1630	2:10:42:26	176.59
1631	2:10:43:27	176.13
1632	2:10:44:28	171.25
1633	2:10:45:29	167.66
1634	2:10:46:30	170.96
1635	2:10:47:32	169.25
1636	2:10:48:33	167.91
1637	2:10:49:34	172.42
1638	2:10:50:35	167.74
1639	2:10:51:36	170.83
1640	2:10:52:38	169.12
1641	2:10:53:39	169.00
1642	2:10:54:40	142.27
1643	2:10:55:41	117.19
1644	2:10:56:42	118.73
1645	2:10:57:44	119.07
1646	2:10:58:45	119.48
1647	2:10:59:46	119.90
1648	2:11:00:47	119.94
1649	2:11:01:48	119.61
650	2:11:02:50	70.69
1651	2:11:03:51	71.02
1652	2:11:04:52	71.73
653	2:11:05:53	72.23
654	2:11:06:54	72.27
1655	2:11:07:56	71.60
1656	2:11:08:57	71.93
657	2:11:09:58	72.52
658	2:11:10:59	72.10
1659	2:11:12:00	72.60
1660	2:11:13:02	72.85
661	2:11:14:03	72.64
1662	2:11:15:04	72.18
1663	2:11:16:05	71.56
664	2:11:17:06	71.52
665	2:11:18:08	70.98
1666	2:11:19:09	48.55
1667	2:11:20:10	49.30
668	2:11:21:11	49.05
669	2:11:22:12	49.43
1670	2:11:23:14	49.68
1671	2:11:24:15	49.47
672	2:11:25:16	48.84
673	2:11:26:17	44.81
1674	2:11:27:18	45.35
1675	2:11:28:20	45.43
676	2:11:29:21	45.56
1677	2:11:30:22	45.43
1678	2:11:31:23	46.39
1679	2:11:32:24	45.60
680	2:11:33:26	44.81
1681	2:11:34:27	44.93

EQUATIONS FOR DST LIQUID WELL ANALYSIS

Transmissibility	$\frac{kh}{\mu} = \frac{162.6\ QB}{m}$	$\frac{\text{md-ft}}{\text{cp}}$
Indicated Flow Capacity	$kh = \frac{kh}{\mu}\,\mu$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Damage Ratio	$DR = .183\ \frac{P^* - P_f}{m}$	—
Theoretical Potential w / Damage Removed	$Q_1 = Q\ DR$	BPD
Approx. Radius of Investigation	$r_i = 4.63\ \sqrt{kt}$	ft

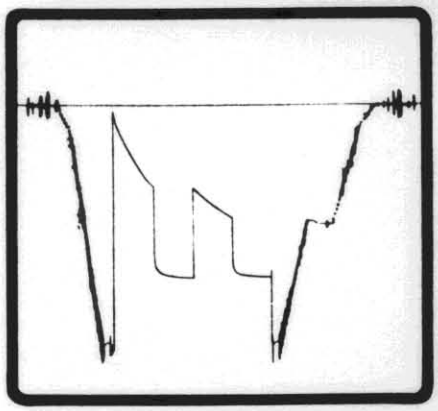
EQUATIONS FOR DST GAS WELL ANALYSIS

Indicated Flow Capacity	$kh = \frac{1637\ Q_g\ T}{m}$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151\left[\frac{m(P^*) - m(P_f)}{m} - \text{LOG}\ \frac{kt}{\phi\ \mu\ c_t r_w^2} + 3.23\right]$	—
Damage Ratio	$DR = \frac{m(P^*) - m(P_f)}{m(P^*) - m(P_f) - 0.87\ mS}$	—
Indicated Flow Rate (Maximum)	$AOF_1 = \frac{Q_g\ m(P^*)}{m(P^*) - m(P_f)}$	MCFD
Indicated Flow Rate (Minimum)	$AOF_2 = Q_g \sqrt{\frac{m(P^*)}{m(P^*) - m(P_f)}}$	MCFD
Approx. Radius of Investigation	$r_i = 0.032 \sqrt{\frac{kt}{\phi\mu c_t}}$	ft

ENCLOSURE. 9.

317437

FORMATION TESTING SERVICE REPORT



Lease: YOLLA Well# 1

Test # 2 Date: 21 / 9 / 85

E.M.R. 61775 E.P.G. 63148

HALLIBURTON SERVICES

Duncan, Oklahoma 73536

A Halliburton Company

1296-R4 Ⓓ—Southwestern

TPR OR-0320 Vol 2.

317438

NOMENCLATURE

B	=	Formation Volume Factor (Res Vol / Std Vol)	—
c_t	=	System Total Compressibility	(Vol / Vol) / psi
DR	=	Damage Ratio	—
h	=	Estimated Net Pay Thickness	Ft
k	=	Permeability	md
m	=	(Liquid) Slope Extrapolated Pressure Plot	psi/cycle
		(Gas) Slope Extrapolated m(P) Plot	MM psi^2/ cp/cycle
$m(P^*)$	=	Real Gas Potential at P^*	MM psi^2/cp
$m(P_f)$	=	Real Gas Potential at P_f	MM psi^2/cp
AOF_1	=	Maximum Indicated Absolute Open Flow at Test Conditions	MCFD
AOF_2	=	Minimum Indicated Absolute Open Flow at Test Conditions	MCFD
P^*	=	Extrapolated Static Pressure	Psig
P_f	=	Final Flow Pressure	Psig
Q	=	Liquid Production Rate During Test	BPD
Q_1	=	Theoretical Liquid Production w/ Damage Removed	BPD
Q_g	=	Measured Gas Production Rate	MCFD
r_i	=	Approximate Radius of Investigation	Ft
r_w	=	Radius of Well Bore	Ft
S	=	Skin Factor	
t	=	Total Flow Time Previous to Closed-in	Minutes
Δt	=	Closed-in Time at Data Point	Minutes
T	=	Temperature Rankine	°R
ϕ	=	Porosity	—
μ	=	Viscosity of Gas or Liquid	cp
Log	=	Common Log	

317439

YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

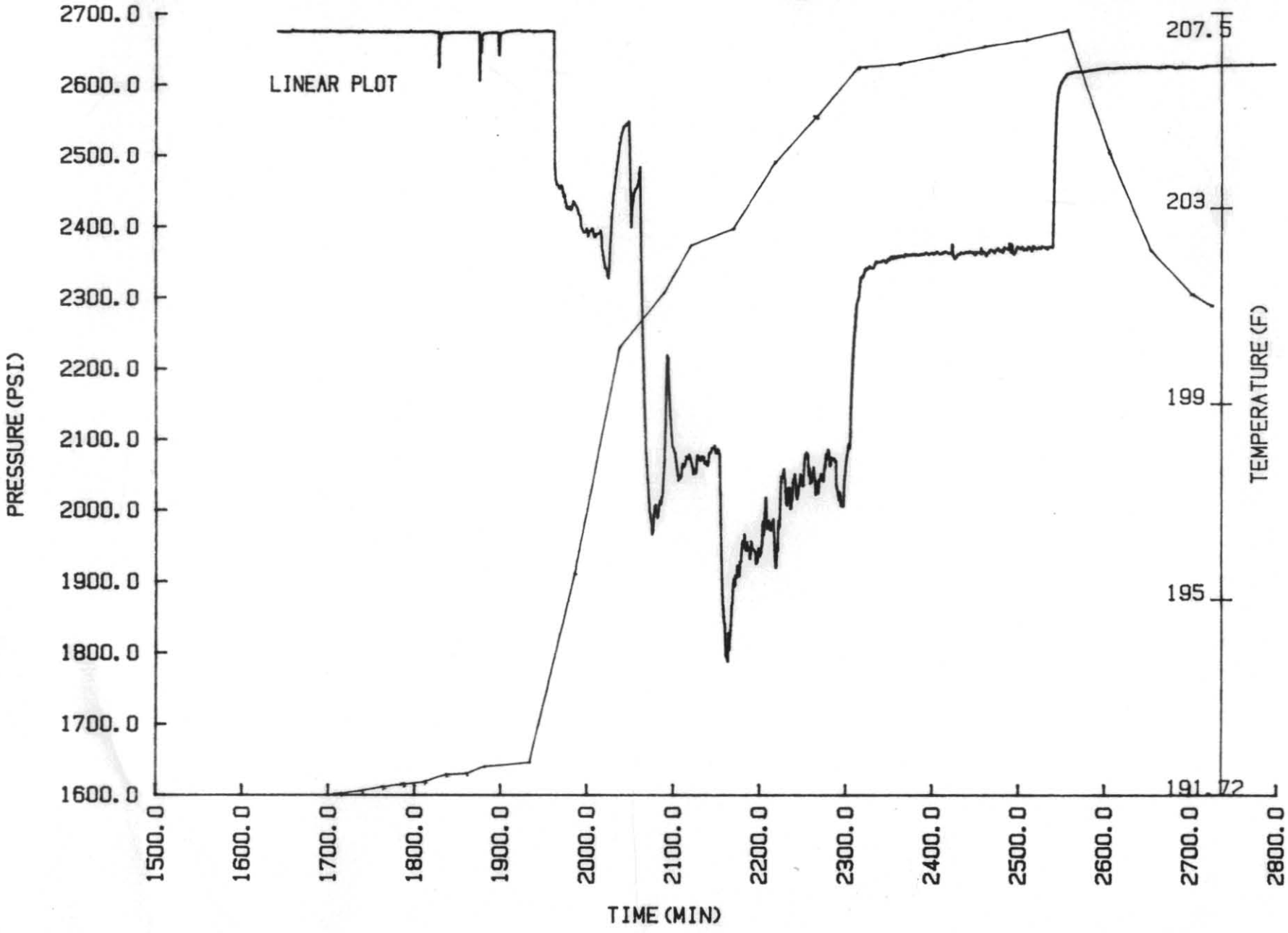
ENLARGEMENT
OF 2nd FLOW PRIOD

3174140

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85

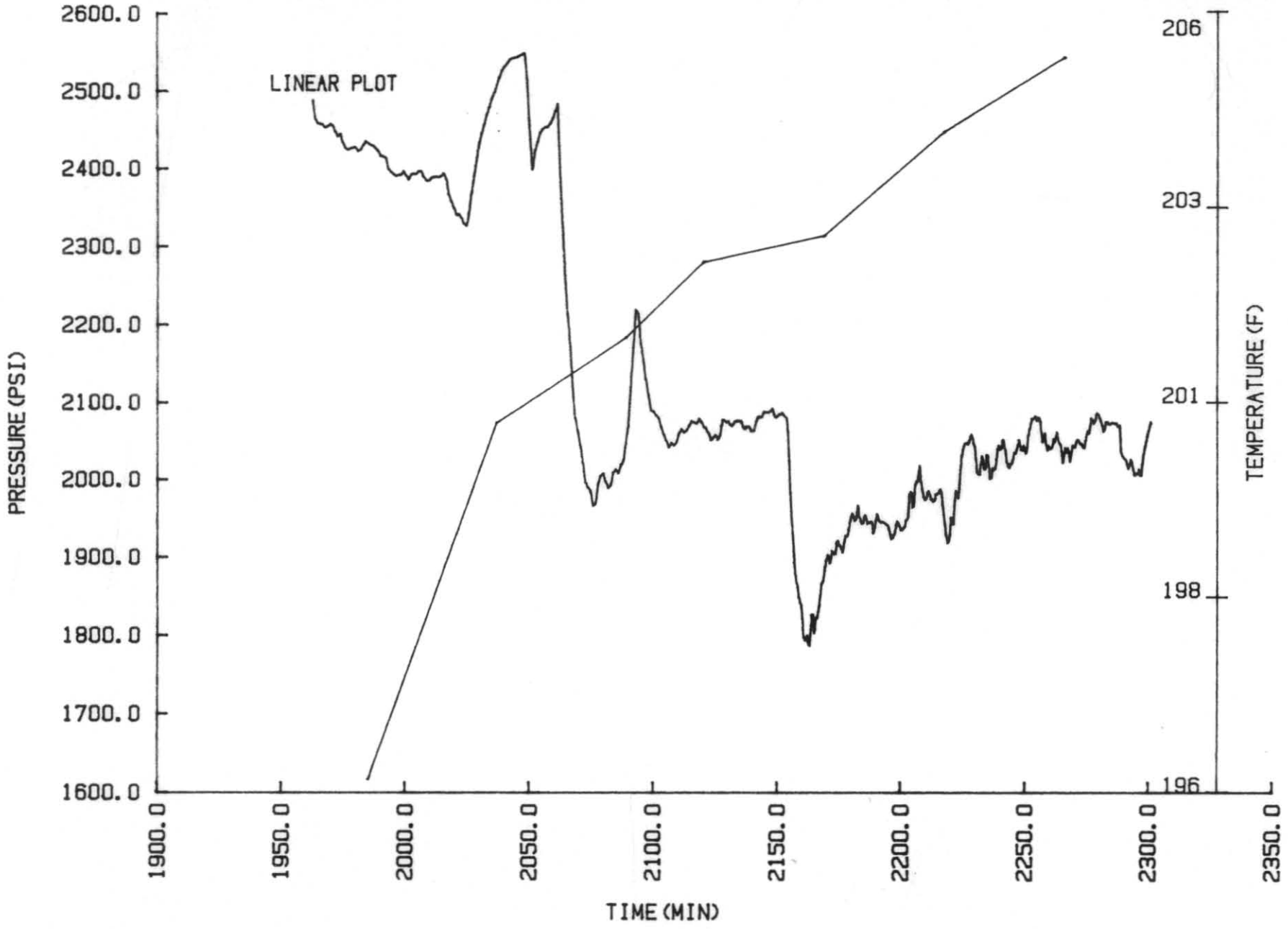
Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 63148 EMR 61775 | Start Time 03:39:40



3174411

5 cm

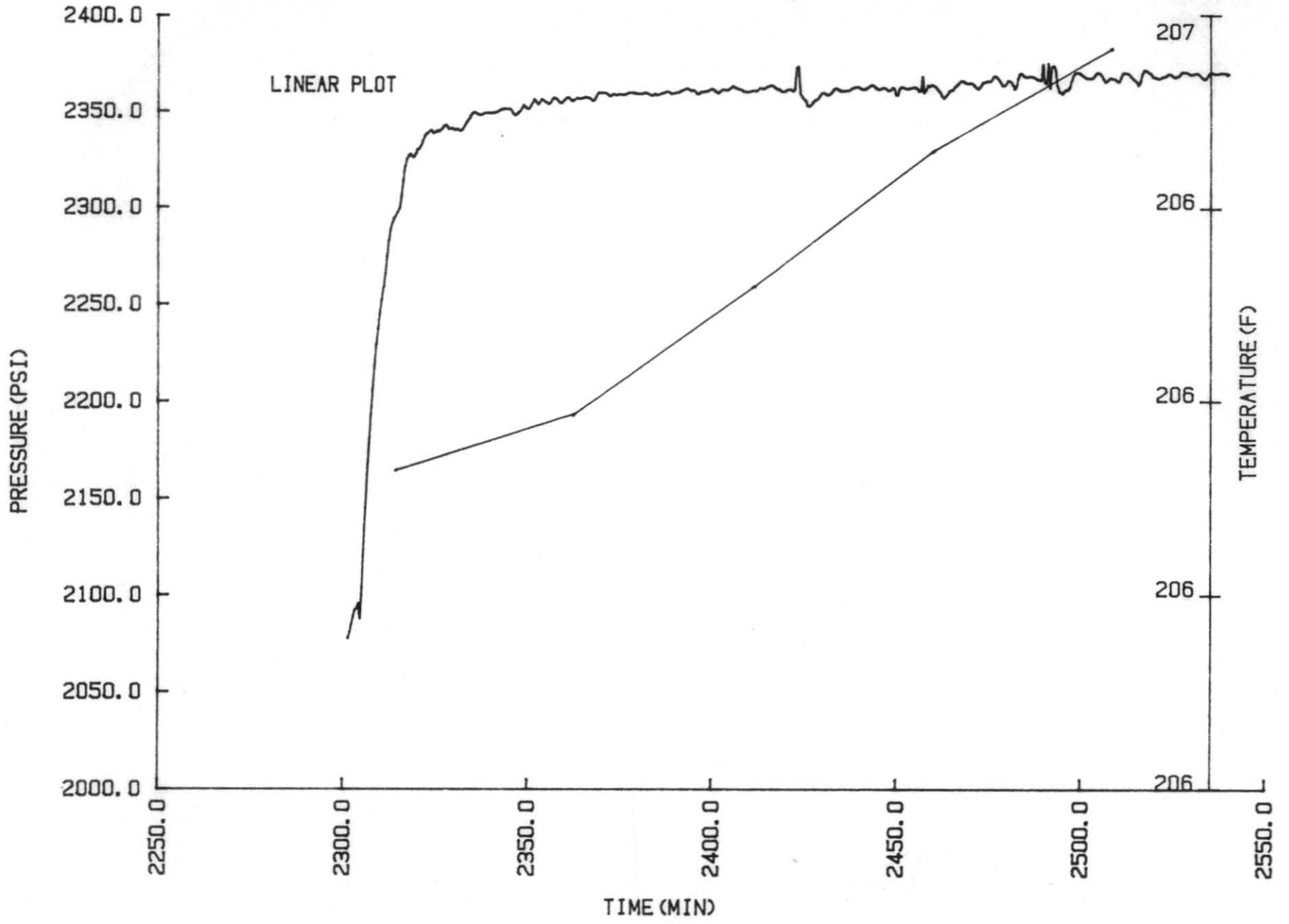
Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85
Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 63148 EMR 61775 | Start Time 03:39:40



3174 42

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85
Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 63148 EMR 61775 | Start Time 03:39:40



317443

YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

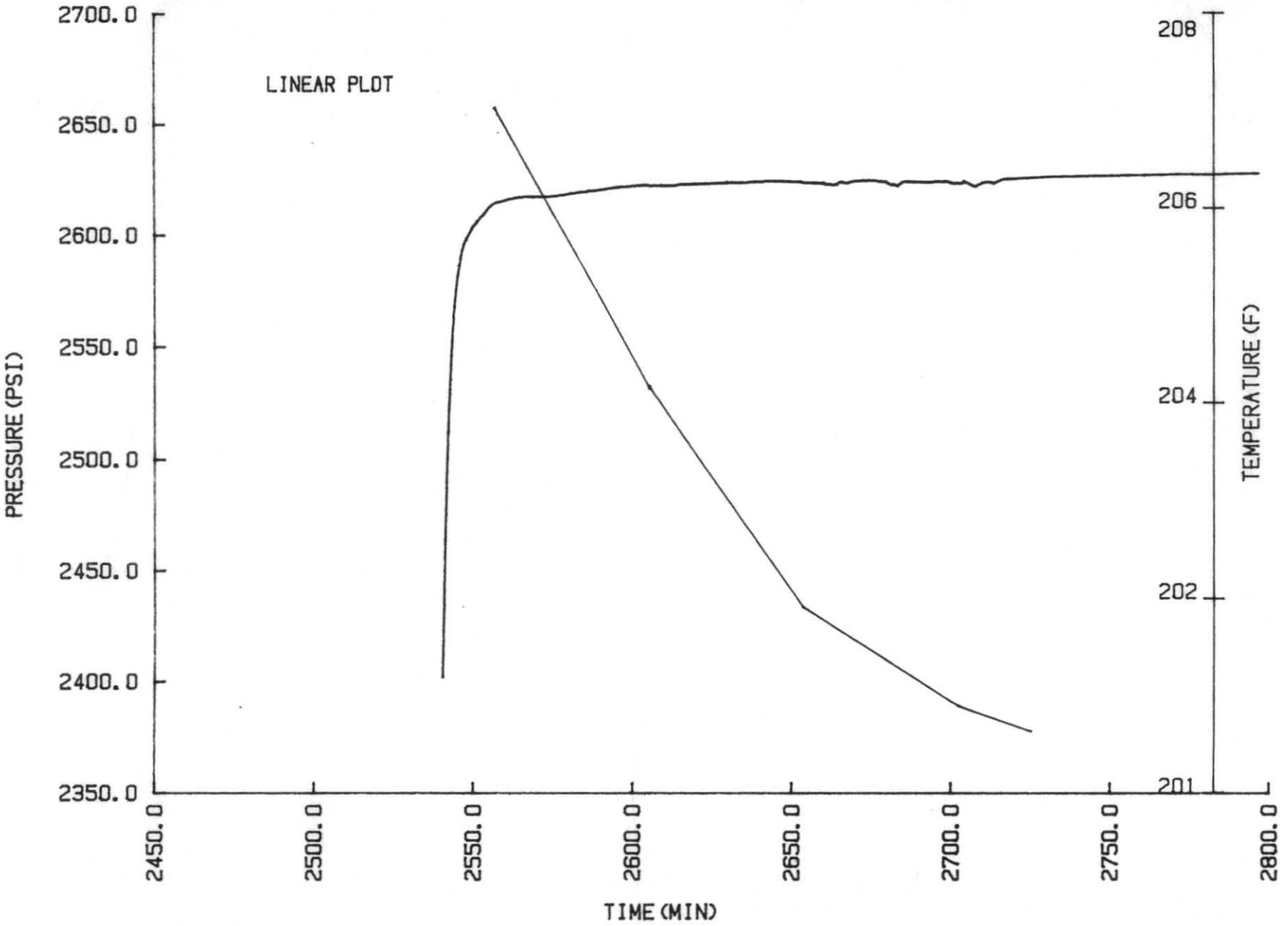
ENLARGEMENT
OF 2nd CLOSED IN PERIOD

317444

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21 / 9 / 85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge 63148 EMR 61775 | Start Time 03:39:40



317445

YOLLA #1
D.S.T. #2
AMOCO AUSTRALIA PTY. LTD.

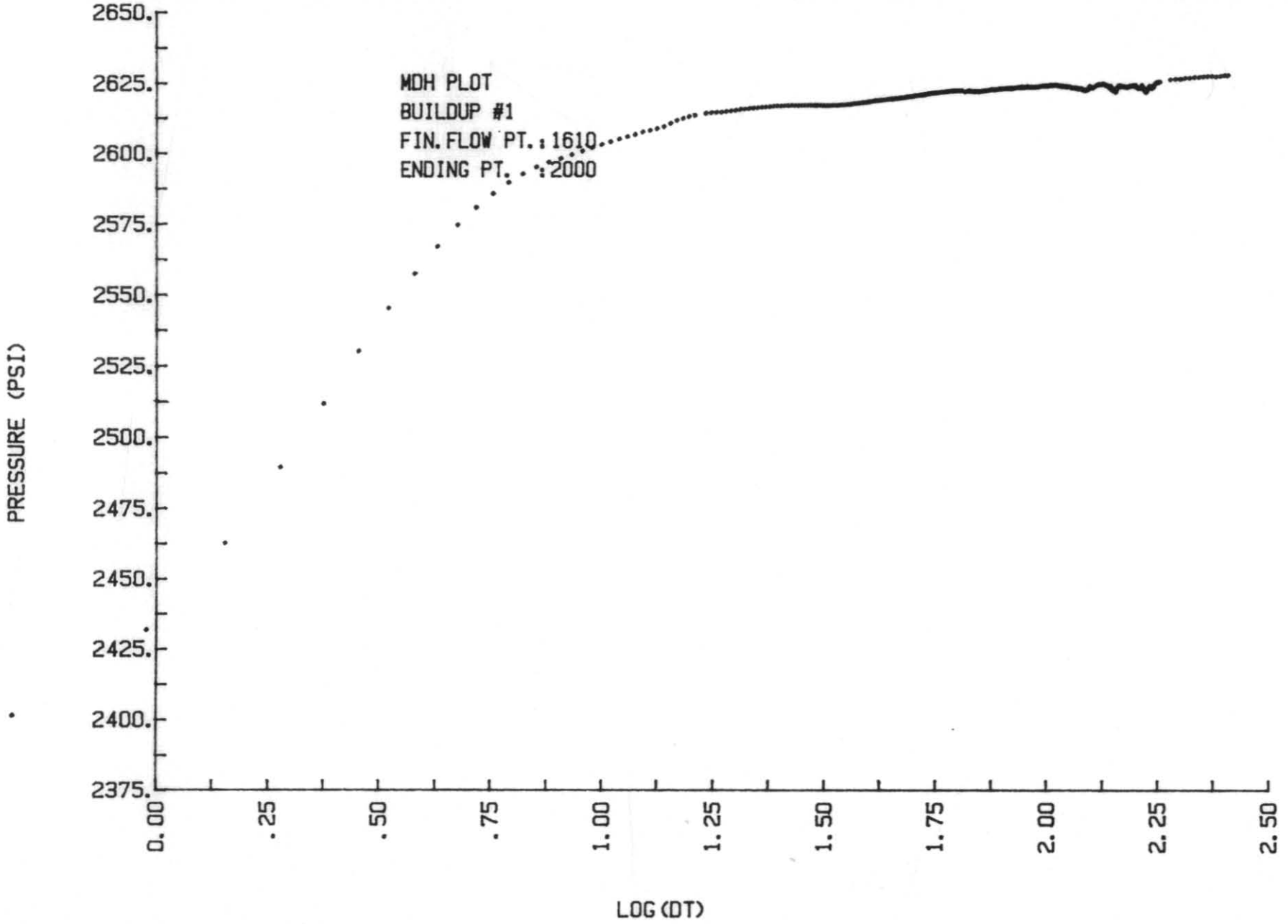
SEMI-LOG PLOT

317446

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21/9/85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge no. 63148 | Start Time 03:39:40



317447

YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

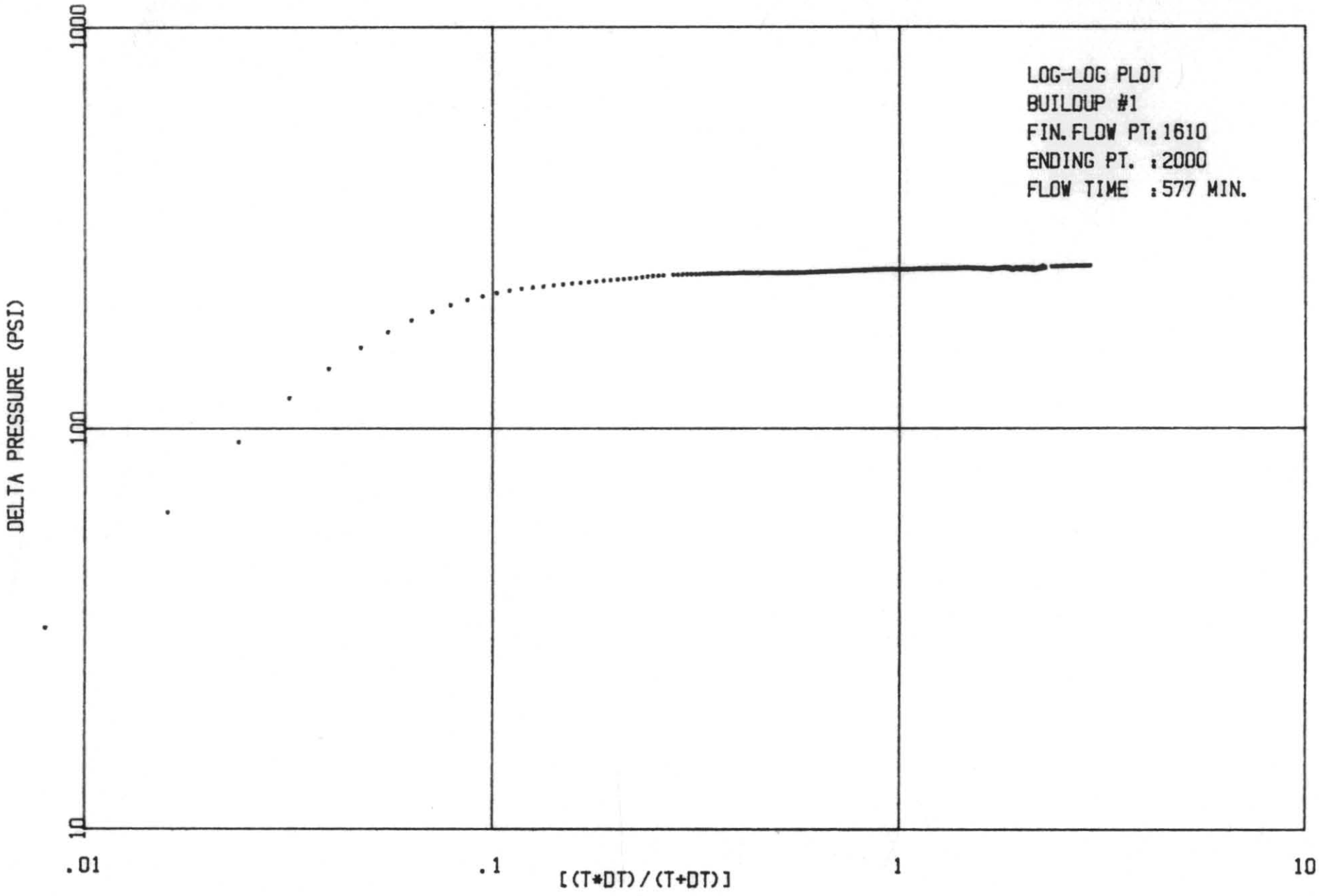
LOG-LOG PLOT

317448

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21/9/85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge no. 63148 | Start Time 03:39:40



317449

YOLLA #1
D. S. T. #2
AMOCO AUSTRALIA PTY. LTD.

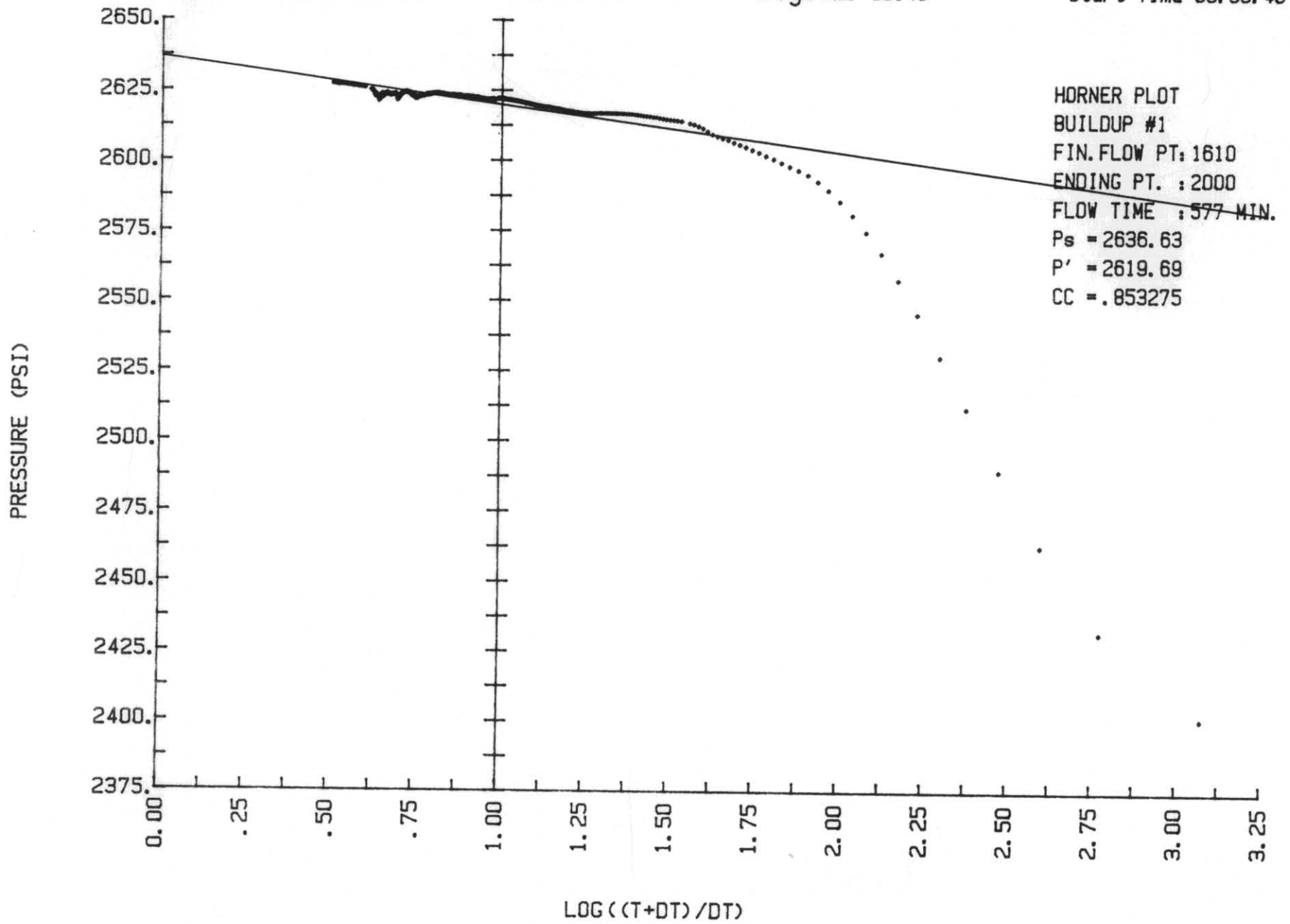
HORNER PLOT
& PRINT OUT

317450

5 cm

Lease Name YOLLA | Well no. 1 | Ticket no. 316606 | Date 21/9/85

Lease Owner AMOCO AUSTRALIA | Test no. 2 | Gauge no. 63148 | Start Time 03:39:40



SAMP. NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
1611	2401.82	32.38	3.0803
1612	2432.34	62.89	2.7796
1613	2463.32	93.87	2.6039
1614	2490.13	120.69	2.4793
1615	2512.34	142.89	2.3828
1616	2530.84	161.39	2.3039
1617	2545.98	176.53	2.2374
1618	2558.03	188.59	2.1797
1619	2567.71	198.26	2.1289
1620	2575.29	205.84	2.0835
1621	2581.40	211.95	2.0425
1622	2586.32	216.87	2.0051
1623	2590.25	220.80	1.9707
1624	2593.27	223.82	1.9388
1625	2595.73	226.28	1.9092
1626	2597.40	227.95	1.8816
1627	2598.71	229.26	1.8556
1628	2600.06	230.61	1.8311
1629	2601.41	231.96	1.8080
1630	2602.52	233.07	1.7861
1631	2603.67	234.23	1.7652
1632	2604.66	235.22	1.7454
1633	2605.58	236.13	1.7264
1634	2606.45	237.01	1.7083
1635	2607.21	237.76	1.6909
1636	2608.16	238.71	1.6743
1637	2608.71	239.27	1.6582
1638	2609.39	239.95	1.6428
1639	2610.10	240.66	1.6279
1640	2611.18	241.73	1.6135
1641	2612.29	242.85	1.5996
1642	2613.00	243.56	1.5862
1643	2613.60	244.16	1.5732
1644	2614.00	244.55	1.5606
1646	2614.78	245.34	1.5364
1647	2614.98	245.54	1.5249
1648	2615.14	245.70	1.5137
1649	2615.22	245.77	1.5027
1650	2615.42	245.97	1.4921
1651	2615.66	246.21	1.4817
1652	2615.86	246.41	1.4716
1653	2616.13	246.69	1.4617
1654	2616.25	246.81	1.4521
1655	2616.45	247.01	1.4427
1656	2616.57	247.13	1.4335
1657	2616.69	247.25	1.4245
1658	2616.85	247.40	1.4157
1659	2617.01	247.56	1.4071
1660	2617.09	247.64	1.3987
1661	2617.25	247.80	1.3904
1662	2617.33	247.88	1.3823
1663	2617.37	247.92	1.3744
1664	2617.44	248.00	1.3666
1665	2617.52	248.08	1.3590
1666	2617.52	248.08	1.3515
1667	2617.52	248.08	1.3442
1668	2617.52	248.08	1.3370
1669	2617.56	248.12	1.3299
1670	2617.52	248.08	1.3229
1671	2617.56	248.12	1.3161
1672	2617.60	248.16	1.3094
1673	2617.56	248.12	1.3028
1674	2617.60	248.16	1.2963
1675	2617.56	248.12	1.2899
1676	2617.48	248.04	1.2836
1677	2617.48	248.04	1.2774
1678	2617.40	247.96	1.2713
1679	2617.52	248.08	1.2653
1680	2617.56	248.12	1.2594
1681	2617.56	248.12	1.2536
1682	2617.68	248.24	1.2479
1683	2617.72	248.28	1.2422
1684	2617.76	248.32	1.2366
1685	2617.88	248.44	1.2312
1686	2617.96	248.52	1.2257
1687	2618.08	248.64	1.2204
1688	2618.24	248.79	1.2151
1689	2618.28	248.83	1.2100
1690	2618.40	248.95	1.2048
1691	2618.48	249.03	1.1998
1692	2618.56	249.11	1.1948
1693	2618.68	249.23	1.1899
1694	2618.84	249.39	1.1850
1695	2619.03	249.59	1.1802
1696	2619.11	249.67	1.1754
1697	2619.19	249.75	1.1708
1698	2619.27	249.83	1.1661
1699	2619.39	249.95	1.1616
1700	2619.47	250.03	1.1570
1701	2619.51	250.07	1.1526
1702	2619.71	250.26	1.1482
1703	2619.71	250.26	1.1438
1704	2619.79	250.34	1.1395
1705	2619.83	250.38	1.1352
1706	2619.99	250.54	1.1310
1707	2619.95	250.50	1.1269
1708	2620.11	250.66	1.1227
1709	2620.19	250.74	1.1187
1710	2620.27	250.82	1.1146
1711	2620.31	250.86	1.1107
1712	2620.42	250.98	1.1067
1713	2620.54	251.10	1.1028
1714	2620.62	251.18	1.0989
1715	2620.74	251.30	1.0951
1716	2620.82	251.38	1.0913
1717	2620.90	251.46	1.0876
1718	2621.06	251.62	1.0839
1719	2621.10	251.66	1.0802
1720	2621.22	251.77	1.0766
1721	2621.34	251.89	1.0730
1722	2621.42	251.97	1.0694
1723	2621.54	252.09	1.0659
1724	2621.66	252.21	1.0624
1725	2621.70	252.25	1.0589
1726	2621.82	252.37	1.0555

SAMP. NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
1727	2621.86	252.41	1.0521
1728	2621.97	252.53	1.0487
1729	2621.97	252.53	1.0454
1730	2622.09	252.65	1.0421
1731	2622.17	252.73	1.0388
1732	2622.21	252.77	1.0356
1733	2622.25	252.81	1.0323
1734	2622.29	252.85	1.0291
1735	2622.37	252.93	1.0260
1736	2622.37	252.93	1.0229
1737	2622.49	253.05	1.0197
1738	2622.57	253.13	1.0167
1739	2622.57	253.13	1.0136
1740	2622.61	253.17	1.0106
1741	2622.61	253.17	1.0076
1742	2622.69	253.25	1.0046
1743	2622.69	253.25	1.0017
1744	2622.65	253.21	.9987
1745	2622.69	253.25	.9958
1747	2622.26	252.81	.9901
1748	2622.38	252.93	.9873
1749	2622.50	253.05	.9844
1750	2622.54	253.09	.9817
1751	2622.46	253.01	.9789
1752	2622.42	252.97	.9761
1753	2622.38	252.93	.9734
1754	2622.38	252.93	.9707
1755	2622.34	252.89	.9680
1756	2622.38	252.93	.9654
1757	2622.42	252.97	.9627
1758	2622.38	252.93	.9601
1759	2622.46	253.01	.9575
1760	2622.46	253.01	.9549
1761	2622.54	253.09	.9523
1762	2622.58	253.13	.9498
1763	2622.65	253.21	.9473
1764	2622.73	253.29	.9448
1765	2622.85	253.41	.9423
1766	2622.93	253.49	.9398
1767	2623.13	253.69	.9373
1768	2623.05	253.61	.9349
1769	2623.01	253.57	.9325
1770	2623.09	253.65	.9301
1771	2623.09	253.65	.9277
1772	2623.17	253.73	.9253
1773	2623.21	253.77	.9230
1774	2623.25	253.81	.9206
1775	2623.29	253.85	.9183
1776	2623.33	253.89	.9160
1777	2623.29	253.85	.9137
1778	2623.37	253.93	.9114
1779	2623.41	253.97	.9092
1780	2623.45	254.01	.9069
1781	2623.49	254.04	.9047
1782	2623.41	253.97	.9025
1783	2623.41	253.97	.9003
1784	2623.41	253.97	.8981

SAMP NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
1785	2623.37	253.93	.8959
1786	2623.41	253.97	.8938
1787	2623.53	254.08	.8916
1788	2623.61	254.16	.8895
1789	2623.65	254.20	.8874
1790	2623.73	254.28	.8853
1791	2623.77	254.32	.8832
1792	2623.73	254.28	.8811
1793	2623.73	254.28	.8790
1794	2623.81	254.36	.8770
1795	2623.73	254.28	.8749
1796	2623.77	254.32	.8729
1797	2623.77	254.32	.8709
1798	2623.85	254.40	.8689
1799	2623.93	254.48	.8669
1800	2623.93	254.48	.8649
1801	2623.89	254.44	.8629
1802	2623.93	254.48	.8610
1803	2623.89	254.44	.8590
1804	2623.89	254.44	.8571
1805	2623.85	254.40	.8552
1806	2623.89	254.44	.8533
1807	2623.93	254.48	.8514
1808	2623.89	254.44	.8495
1809	2623.93	254.48	.8476
1810	2623.97	254.52	.8457
1811	2623.97	254.52	.8439
1812	2624.09	254.64	.8420
1813	2624.17	254.72	.8402
1814	2624.21	254.76	.8384
1815	2624.24	254.80	.8366
1816	2624.28	254.84	.8348
1817	2624.32	254.88	.8330
1818	2624.32	254.88	.8312
1819	2624.32	254.88	.8294
1820	2624.32	254.88	.8276
1821	2624.32	254.88	.8259
1822	2624.44	255.00	.8241
1823	2624.60	255.16	.8224
1824	2624.52	255.08	.8207
1825	2624.52	255.08	.8190
1826	2624.52	255.08	.8172
1827	2624.52	255.08	.8155
1828	2624.52	255.08	.8139
1829	2624.52	255.08	.8122
1830	2624.48	255.04	.8105
1831	2624.48	255.04	.8088
1832	2624.40	254.96	.8072
1833	2624.32	254.88	.8055
1834	2624.28	254.84	.8039
1835	2624.21	254.76	.8023
1836	2624.21	254.76	.8006
1837	2624.24	254.80	.7990
1838	2624.13	254.68	.7974
1839	2624.09	254.64	.7958
1840	2624.05	254.60	.7942
1841	2624.09	254.64	.7927
1842	2623.97	254.52	.7911

SAMP. NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
1843	2623.97	254.52	.7895
1844	2623.97	254.52	.7880
1845	2624.01	254.56	.7864
1846	2623.93	254.48	.7849
1848	2623.61	254.17	.7818
1849	2623.57	254.13	.7803
1850	2623.61	254.17	.7788
1851	2623.61	254.17	.7773
1852	2623.57	254.13	.7758
1853	2623.57	254.13	.7743
1854	2623.49	254.05	.7728
1855	2623.45	254.01	.7713
1856	2623.41	253.97	.7699
1857	2623.37	253.93	.7684
1858	2623.33	253.89	.7669
1859	2623.29	253.85	.7655
1860	2623.29	253.85	.7641
1861	2623.25	253.81	.7626
1862	2622.86	253.41	.7612
1863	2622.82	253.37	.7598
1864	2622.97	253.53	.7584
1865	2622.86	253.41	.7569
1866	2622.54	253.09	.7555
1867	2622.78	253.33	.7541
1868	2623.05	253.61	.7528
1869	2622.78	253.33	.7514
1870	2623.53	254.09	.7500
1871	2624.17	254.72	.7486
1872	2623.97	254.52	.7473
1873	2623.81	254.36	.7459
1874	2623.65	254.21	.7446
1875	2623.57	254.13	.7432
1876	2623.65	254.21	.7419
1877	2623.85	254.40	.7405
1878	2624.05	254.60	.7392
1879	2624.25	254.80	.7379
1880	2624.41	254.96	.7366
1881	2624.60	255.16	.7353
1882	2624.64	255.20	.7340
1883	2624.72	255.28	.7327
1884	2624.72	255.28	.7314
1885	2624.76	255.32	.7301
1886	2624.76	255.32	.7288
1887	2624.84	255.40	.7275
1888	2624.84	255.40	.7262
1889	2624.92	255.48	.7250
1890	2624.92	255.48	.7237
1891	2624.88	255.44	.7225
1892	2624.76	255.32	.7212
1893	2624.60	255.16	.7200
1894	2624.53	255.08	.7187
1895	2624.45	255.00	.7175
1896	2624.37	254.92	.7163
1897	2624.25	254.80	.7150
1898	2624.13	254.68	.7138
1899	2624.09	254.64	.7126
1900	2624.05	254.60	.7114

SAMP. NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
1901	2624.21	254.76	.7102
1902	2623.41	253.97	.7090
1903	2623.29	253.85	.7078
1904	2622.94	253.49	.7066
1905	2622.58	253.13	.7054
1906	2623.09	253.65	.7042
1907	2622.46	253.01	.7031
1908	2622.54	253.09	.7019
1909	2621.98	252.54	.7007
1910	2622.74	253.29	.6996
1911	2623.37	253.93	.6984
1912	2623.97	254.52	.6973
1913	2624.17	254.72	.6961
1914	2624.29	254.84	.6950
1915	2624.33	254.88	.6938
1916	2624.25	254.80	.6927
1917	2624.13	254.68	.6916
1918	2624.09	254.64	.6905
1919	2623.97	254.52	.6893
1920	2624.01	254.56	.6882
1921	2624.05	254.60	.6871
1922	2623.93	254.48	.6860
1923	2623.93	254.48	.6849
1924	2623.85	254.40	.6838
1925	2623.81	254.36	.6827
1926	2623.77	254.33	.6816
1927	2623.85	254.40	.6805
1928	2623.89	254.44	.6794
1929	2623.93	254.48	.6784
1930	2624.05	254.60	.6773
1931	2624.13	254.68	.6762
1932	2624.13	254.68	.6752
1933	2624.21	254.76	.6741
1934	2624.29	254.84	.6730
1935	2624.29	254.84	.6720
1936	2624.29	254.84	.6709
1937	2624.29	254.84	.6699
1938	2624.29	254.84	.6688
1939	2624.25	254.80	.6678
1940	2624.33	254.88	.6668
1941	2624.37	254.92	.6657
1942	2624.25	254.80	.6647
1943	2623.65	254.21	.6637
1944	2623.53	254.09	.6627
1945	2623.41	253.97	.6617
1946	2623.33	253.89	.6606
1947	2623.57	254.13	.6596
1949	2623.27	253.82	.6576
1950	2623.35	253.90	.6566
1951	2623.63	254.18	.6556
1952	2624.54	255.10	.6546
1953	2623.71	254.26	.6537
1954	2623.79	254.34	.6527
1955	2623.35	253.90	.6517
1956	2622.87	253.43	.6507
1957	2622.39	252.95	.6497
1958	2622.16	252.71	.6488

SAMP. NUMB.	PRES. (PSI)	ΔPRES. (PSI)	LOG(T+ΔT) (ΔT)
1959	2622.04	252.59	.6478
1960	2621.88	252.43	.6468
1961	2622.55	253.11	.6459
1962	2622.91	253.47	.6449
1963	2623.23	253.78	.6440
1964	2623.59	254.14	.6430
1965	2623.79	254.34	.6421
1966	2623.90	254.46	.6411
1967	2624.02	254.58	.6402
1968	2623.94	254.50	.6393
1969	2623.98	254.54	.6383
1970	2623.79	254.34	.6374
1971	2623.43	253.98	.6365
1972	2623.55	254.10	.6356
1973	2623.90	254.46	.6346
1974	2624.22	254.78	.6337
1975	2624.58	255.14	.6328
1976	2624.86	255.41	.6319
1977	2625.18	255.73	.6310
1978	2625.30	255.85	.6301
1979	2625.42	255.97	.6292
1980	2625.49	256.05	.6283
1981	2625.49	256.05	.6274
1982	2625.53	256.09	.6265
1983	2625.61	256.17	.6256
1984	2625.61	256.17	.6247
1985	2625.65	256.21	.6238
1987	2626.45	257.01	.6057
1988	2626.65	257.21	.5971
1989	2626.77	257.33	.5887
1990	2626.97	257.52	.5807
1991	2627.01	257.56	.5728
1992	2627.21	257.76	.5653
1993	2627.29	257.84	.5579
1994	2627.45	258.00	.5507
1995	2627.61	258.16	.5438
1996	2627.64	258.20	.5370
1997	2627.49	258.04	.5305
1998	2627.72	258.28	.5241
1999	2627.92	258.48	.5179
2000	2627.96	258.52	.5118

317455

YOLLA #1
D. S. T.
AMOCO AUSTRALIA PTY. LTD.

PRINT OUT
OF
PRESSURE
&
TEMPERATURE

NUMBER	TIME	PSI/DEG.F	
1	1:07:00:07	191.37	T
2	1:07:00:36	2674.46	
3	1:07:01:05	2674.46	
4	1:07:01:34	2674.34	
5	1:07:02:02	2674.22	
6	1:07:02:31	2674.18	
7	1:07:03:00	2674.18	
8	1:07:03:29	2674.22	
9	1:07:03:58	2674.22	
10	1:07:04:26	2674.18	
11	1:07:04:55	2674.10	
12	1:07:05:24	2674.18	
13	1:07:05:53	2674.26	
14	1:07:06:22	2674.18	
15	1:07:06:50	2674.10	
16	1:07:07:19	2674.10	
17	1:07:07:48	2674.07	
18	1:07:08:17	2674.03	
19	1:07:08:46	2674.07	
20	1:07:09:14	2674.10	
21	1:07:09:43	2674.07	
22	1:07:10:12	2674.07	
23	1:07:10:41	2674.14	
24	1:07:11:10	2674.10	
25	1:07:11:38	2674.07	
26	1:07:12:07	2674.03	
27	1:07:12:36	2674.03	
28	1:07:13:05	2673.99	
29	1:07:13:34	2673.95	
30	1:07:14:02	2673.91	
31	1:07:14:31	2673.99	
32	1:07:15:00	2673.95	
33	1:07:15:29	2674.18	
34	1:07:15:58	2674.54	
35	1:07:16:26	2674.54	
36	1:07:16:55	2674.54	
37	1:07:17:24	2674.30	
38	1:07:17:53	2676.46	
39	1:07:18:22	2676.50	
40	1:07:18:50	2676.10	
41	1:07:19:19	2675.78	
42	1:07:19:48	2675.18	
43	1:07:20:17	2674.86	
44	1:07:20:46	2674.78	
45	1:07:21:14	2674.70	
46	1:07:21:43	2674.58	
47	1:07:22:12	2674.54	
48	1:07:22:41	2674.50	
49	1:07:23:10	2674.70	
50	1:07:23:38	2674.58	
51	1:07:24:07	2674.62	
52	1:07:24:36	191.72	T
53	1:07:25:05	2674.76	
54	1:07:25:34	2675.08	
55	1:07:26:02	2674.92	
56	1:07:26:31	2674.80	
57	1:07:27:00	2674.60	
58	1:07:27:29	2674.48	
59	1:07:27:58	2674.52	
60	1:07:28:26	2674.48	
61	1:07:28:55	2674.40	
62	1:07:29:24	2674.48	
63	1:07:29:53	2674.56	
64	1:07:30:22	2674.48	
65	1:07:30:50	2674.44	
66	1:07:31:19	2674.48	
67	1:07:31:48	2674.44	
68	1:07:32:17	2674.44	
69	1:07:32:46	2674.48	
70	1:07:33:14	2674.48	
71	1:07:33:43	2674.40	
72	1:07:34:12	2674.48	
73	1:07:34:41	2674.48	
74	1:07:35:10	2674.32	
75	1:07:35:38	2674.36	
76	1:07:36:07	2674.40	
77	1:07:36:36	2674.32	
78	1:07:37:05	2674.00	
79	1:07:37:34	2674.76	
80	1:07:38:02	2674.88	
81	1:07:38:31	2674.64	
82	1:07:39:00	2674.60	
83	1:07:39:29	2674.44	
84	1:07:39:58	2674.32	
85	1:07:40:26	2674.36	
86	1:07:40:55	2674.32	
87	1:07:41:24	2674.24	
88	1:07:41:53	2674.16	
89	1:07:42:22	2674.28	
90	1:07:42:50	2674.24	
91	1:07:43:19	2674.32	
92	1:07:43:48	2674.24	
93	1:07:44:17	2674.28	
94	1:07:44:46	2674.32	
95	1:07:45:14	2674.28	
96	1:07:45:43	2674.28	
97	1:07:46:12	2674.36	
98	1:07:46:41	2674.32	
99	1:07:47:10	2674.24	
100	1:07:47:38	2674.24	
101	1:07:48:07	2674.16	
102	1:07:48:36	2674.28	
103	1:07:49:05	191.69	T
104	1:07:49:34	2674.32	
105	1:07:50:02	2674.44	
106	1:07:50:31	2674.28	
107	1:07:51:00	2674.28	
108	1:07:51:29	2674.16	
109	1:07:51:58	2674.20	
110	1:07:52:26	2674.20	
111	1:07:52:55	2674.20	
112	1:07:53:24	2674.16	
113	1:07:53:53	2674.24	
114	1:07:54:22	2674.28	
115	1:07:54:50	2674.24	

NUMBER	TIME	PSI/DEG.F	
116	1:07:55:19	2674.32	
117	1:07:55:48	2674.24	
118	1:07:56:17	2674.28	
119	1:07:56:46	2674.24	
120	1:07:57:14	2674.20	
121	1:07:57:43	2674.28	
122	1:07:58:12	2674.24	
123	1:07:58:41	2674.32	
124	1:07:59:10	2674.24	
125	1:07:59:38	2674.24	
126	1:08:00:07	2674.24	
127	1:08:00:36	2674.28	
128	1:08:01:05	2674.56	
129	1:08:01:34	2675.79	
130	1:08:02:02	2675.55	
131	1:08:02:31	2674.92	
132	1:08:03:00	2674.96	
133	1:08:03:29	2674.60	
134	1:08:03:58	2674.44	
135	1:08:04:26	2674.40	
136	1:08:04:55	2674.32	
137	1:08:05:24	2674.20	
138	1:08:05:53	2674.20	
139	1:08:06:22	2674.24	
140	1:08:06:50	2674.24	
141	1:08:07:19	2674.20	
142	1:08:07:48	2674.20	
143	1:08:08:17	2674.24	
144	1:08:08:46	2674.24	
145	1:08:09:14	2674.24	
146	1:08:09:43	2674.24	
147	1:08:10:12	2674.28	
148	1:08:10:41	2674.28	
149	1:08:11:10	2674.20	
150	1:08:11:38	2674.28	
151	1:08:12:07	2674.08	
152	1:08:12:36	2674.20	
153	1:08:13:05	2674.20	
154	1:08:13:34	191.73	T
155	1:08:14:02	2674.09	
156	1:08:14:31	2674.21	
157	1:08:15:00	2674.21	
158	1:08:15:29	2674.17	
159	1:08:15:58	2674.21	
160	1:08:16:26	2674.21	
161	1:08:16:55	2674.17	
162	1:08:17:24	2674.17	
163	1:08:17:53	2674.13	
164	1:08:18:22	2674.09	
165	1:08:18:50	2674.05	
166	1:08:19:19	2673.93	
167	1:08:19:48	2674.01	
168	1:08:20:17	2674.45	
169	1:08:20:46	2674.17	
170	1:08:21:14	2674.25	
171	1:08:21:43	2674.45	
172	1:08:22:12	2674.25	
173	1:08:22:41	2674.17	

NUMBER	TIME	PSI/DEG.F	
174	1:08:23:10	2674.37	
175	1:08:23:38	2674.41	
176	1:08:24:07	2674.80	
177	1:08:24:36	2674.33	
178	1:08:25:05	2674.25	
179	1:08:25:34	2674.29	
180	1:08:26:02	2674.17	
181	1:08:26:31	2674.29	
182	1:08:27:00	2674.13	
183	1:08:27:29	2674.13	
184	1:08:27:58	2674.13	
185	1:08:28:26	2674.13	
186	1:08:28:55	2674.05	
187	1:08:29:24	2674.09	
188	1:08:29:53	2674.09	
189	1:08:30:22	2674.05	
190	1:08:30:50	2673.93	
191	1:08:31:19	2673.85	
192	1:08:31:48	2673.89	
193	1:08:32:17	2673.81	
194	1:08:32:46	2673.89	
195	1:08:33:14	2673.85	
196	1:08:33:43	2673.93	
197	1:08:34:12	2674.01	
198	1:08:34:41	2673.65	
199	1:08:35:10	2673.57	
200	1:08:35:38	2673.65	
201	1:08:36:07	2673.57	
202	1:08:36:36	2673.41	
203	1:08:37:05	2673.65	
204	1:08:37:34	2673.41	
205	1:08:38:02	191.80	T
206	1:08:38:31	2673.58	
207	1:08:39:00	2673.66	
208	1:08:39:29	2673.74	
209	1:08:39:58	2675.45	
210	1:08:40:26	2674.62	
211	1:08:40:55	2674.10	
212	1:08:41:24	2673.90	
213	1:08:41:53	2673.98	
214	1:08:42:22	2673.98	
215	1:08:42:50	2673.90	
216	1:08:43:19	2673.98	
217	1:08:43:48	2673.90	
218	1:08:44:17	2673.78	
219	1:08:44:46	2673.74	
220	1:08:45:14	2673.78	
221	1:08:45:43	2673.74	
222	1:08:46:12	2673.78	
223	1:08:46:41	2673.78	
224	1:08:47:10	2673.78	
225	1:08:47:38	2673.70	
226	1:08:48:07	2673.66	
227	1:08:48:36	2673.74	
228	1:08:49:05	2673.70	
229	1:08:49:34	2673.66	
230	1:08:50:02	2673.66	
231	1:08:50:31	2673.66	

NUMBER	TIME	PSI/DEG.F	
232	1:08:51:00	2673.78	
233	1:08:51:29	2673.78	
234	1:08:51:58	2673.74	
235	1:08:52:26	2673.70	
236	1:08:52:55	2673.70	
237	1:08:53:24	2673.70	
238	1:08:53:53	2673.66	
239	1:08:54:22	2673.74	
240	1:08:54:50	2673.70	
241	1:08:55:19	2673.62	
242	1:08:55:48	2673.70	
243	1:08:56:17	2673.62	
244	1:08:56:46	2673.62	
245	1:08:57:14	2673.78	
246	1:08:57:43	2673.74	
247	1:08:58:12	2673.78	
248	1:08:58:41	2673.74	
249	1:08:59:10	2673.74	
250	1:08:59:38	2673.70	
251	1:09:00:07	2673.66	
252	1:09:00:36	2673.58	
253	1:09:01:05	2673.50	
254	1:09:01:34	2673.54	
255	1:09:02:02	2673.62	
256	1:09:02:31	191.87	T
257	1:09:03:00	2673.79	
258	1:09:03:29	2673.79	
259	1:09:03:58	2673.71	
260	1:09:04:26	2673.67	
261	1:09:04:55	2673.63	
262	1:09:05:24	2673.51	
263	1:09:05:53	2673.59	
264	1:09:06:22	2673.51	
265	1:09:06:50	2673.43	
266	1:09:07:19	2673.43	
267	1:09:07:48	2673.59	
268	1:09:08:17	2673.63	
269	1:09:08:46	2673.67	
270	1:09:09:14	2673.63	
271	1:09:09:43	2673.59	
272	1:09:10:12	2673.63	
273	1:09:10:41	2673.47	
274	1:09:11:10	2673.59	
275	1:09:11:38	2673.63	
276	1:09:12:07	2673.59	
277	1:09:12:36	2673.59	
278	1:09:13:05	2673.63	
279	1:09:13:34	2673.63	
280	1:09:14:02	2673.63	
281	1:09:14:31	2673.55	
282	1:09:15:00	2673.43	
283	1:09:15:29	2673.47	
284	1:09:15:58	2673.43	
285	1:09:16:26	2673.51	
286	1:09:16:55	2673.83	
287	1:09:17:24	2674.23	
288	1:09:17:53	2673.87	
289	1:09:18:22	2673.63	

NUMBER	TIME	PSI/DEG.F	
290	1:09:18:50	2673.51	
291	1:09:19:19	2673.59	
292	1:09:19:48	2673.71	
293	1:09:20:17	2673.75	
294	1:09:20:46	2673.67	
295	1:09:21:14	2673.67	
296	1:09:21:43	2673.63	
297	1:09:22:12	2673.71	
298	1:09:22:41	2673.83	
299	1:09:23:10	2673.79	
300	1:09:23:38	2673.79	
301	1:09:24:07	2673.79	
302	1:09:24:36	2673.91	
303	1:09:25:05	2673.87	
304	1:09:25:34	2673.87	
305	1:09:26:02	2673.83	
306	1:09:26:31	2673.83	
307	1:09:27:00	191.93	T
308	1:09:27:29	2673.68	
309	1:09:27:58	2673.76	
310	1:09:28:26	2673.80	
311	1:09:28:55	2673.84	
312	1:09:29:24	2673.92	
313	1:09:29:53	2674.00	
314	1:09:30:22	2674.04	
315	1:09:30:50	2673.92	
316	1:09:31:19	2673.96	
317	1:09:31:48	2673.92	
318	1:09:32:17	2673.88	
319	1:09:32:46	2673.92	
320	1:09:33:14	2674.00	
321	1:09:33:43	2674.08	
322	1:09:34:12	2673.96	
323	1:09:34:41	2674.04	
324	1:09:35:10	2674.00	
325	1:09:35:38	2674.08	
326	1:09:36:07	2674.12	
327	1:09:36:36	2673.92	
328	1:09:37:05	2673.84	
329	1:09:37:34	2673.92	
330	1:09:38:02	2673.96	
331	1:09:38:31	2674.04	
332	1:09:39:00	2674.00	
333	1:09:39:29	2674.00	
334	1:09:39:58	2673.96	
335	1:09:40:26	2673.96	
336	1:09:40:55	2674.08	
337	1.09:41:24	2674.00	
338	1:09:41:53	2673.92	
339	1:09:42:22	2673.92	
340	1:09:42:50	2674.04	
341	1:09:43:19	2673.64	
342	1:09:43:48	2673.96	
343	1:09:44:17	2674.20	
344	1:09:44:46	2674.28	
345	1:09:45:14	2674.32	
346	1:09:45:43	2674.28	
347	1:09:46:12	2674.40	

NUMBER	TIME	PSI/DEG.F	
348	1:09:46:41	2674.40	
349	1:09:47:10	2674.36	
350	1:09:47:38	2674.32	
351	1:09:48:07	2674.28	
352	1:09:48:36	2674.24	
353	1:09:49:05	2674.32	
354	1:09:49:34	2674.48	
355	1:09:50:02	2674.44	
356	1:09:50:31	2674.44	
357	1:09:51:00	2674.36	
358	1:09:51:29	191.98	T
359	1:09:51:58	2674.37	
360	1:09:52:26	2674.29	
361	1:09:52:55	2674.25	
362	1:09:53:24	2674.33	
363	1:09:53:53	2674.25	
364	1:09:54:22	2674.33	
365	1:09:54:50	2674.21	
366	1:09:55:19	2674.33	
367	1:09:55:48	2674.25	
368	1:09:56:17	2674.25	
369	1:09:56:46	2674.21	
370	1:09:57:14	2674.29	
371	1:09:57:43	2674.29	
372	1:09:58:12	2674.33	
373	1:09:58:41	2674.29	
374	1:09:59:10	2674.21	
375	1:09:59:38	2674.21	
376	1:10:00:07	2674.17	
377	1:10:00:36	2674.21	
378	1:10:01:05	2674.29	
379	1:10:01:34	2674.21	
380	1:10:02:02	2674.17	
381	1:10:02:31	2674.13	
382	1:10:03:00	2674.17	
383	1:10:03:29	2672.58	
384	1:10:03:58	2672.70	
385	1:10:04:26	2673.37	
386	1:10:04:55	2673.49	
387	1:10:05:24	2673.65	
388	1:10:05:53	2673.73	
389	1:10:06:22	2673.81	
390	1:10:06:50	2673.81	
391	1:10:07:19	2673.85	
392	1:10:07:48	2673.89	
393	1:10:08:17	2623.80	
394	1:10:08:46	2654.05	
395	1:10:09:14	2661.46	
396	1:10:09:43	2664.37	
397	1:10:10:12	2665.25	
398	1:10:10:41	2666.36	
399	1:10:11:10	2671.22	
400	1:10:11:38	2672.22	
401	1:10:12:07	2672.46	
402	1:10:12:36	2672.62	
403	1:10:13:05	2672.70	
404	1:10:13:34	2672.78	
405	1:10:14:02	2672.74	

NUMBER	TIME	PSI/DEG.F	
406	1:10:14:31	2672.66	
407	1:10:15:00	2672.70	
408	1:10:15:29	2672.81	
409	1:10:15:58	192.12	T
410	1:10:16:26	2672.96	
411	1:10:16:55	2673.00	
412	1:10:17:24	2673.00	
413	1:10:17:53	2673.12	
414	1:10:18:22	2673.12	
415	1:10:18:50	2673.16	
416	1:10:19:19	2673.16	
417	1:10:19:48	2673.24	
418	1:10:20:17	2673.32	
419	1:10:20:46	2673.36	
420	1:10:21:14	2673.40	
421	1:10:21:43	2673.44	
422	1:10:22:12	2673.36	
423	1:10:22:41	2673.32	
424	1:10:23:10	2673.36	
425	1:10:23:38	2673.36	
426	1:10:24:07	2673.40	
427	1:10:24:36	2673.36	
428	1:10:25:05	2673.32	
429	1:10:25:34	2673.44	
430	1:10:26:02	2673.56	
431	1:10:26:31	2673.48	
432	1:10:27:00	2673.56	
433	1:10:27:29	2673.56	
434	1:10:27:58	2673.52	
435	1:10:28:26	2673.64	
436	1:10:28:55	2673.68	
437	1:10:29:24	2673.60	
438	1:10:29:53	2673.56	
439	1:10:30:22	2673.56	
440	1:10:30:50	2673.60	
441	1:10:31:19	2673.52	
442	1:10:31:48	2673.56	
443	1:10:32:17	2673.64	
444	1:10:32:46	2673.60	
445	1:10:33:14	2673.64	
446	1:10:33:43	2673.56	
447	1:10:34:12	2673.52	
448	1:10:34:41	2673.44	
449	1:10:35:10	2673.60	
450	1:10:35:38	2673.48	
451	1:10:36:07	2673.60	
452	1:10:36:36	2673.52	
453	1:10:37:05	2673.64	
454	1:10:37:34	2673.60	
455	1:10:38:02	2673.52	
456	1:10:38:31	2673.60	
457	1:10:39:00	2673.44	
458	1:10:39:29	2673.56	
459	1:10:39:58	2673.68	
460	1:10:40:26	192.15	T
461	1:10:40:55	2673.56	
462	1:10:41:24	2673.56	
463	1:10:41:53	2673.64	

NUMBER	TIME	PSI/DEG.F	
464	1:10:42:22	2673.52	
465	1:10:42:50	2673.52	
466	1:10:43:19	2673.60	
467	1:10:43:48	2673.52	
468	1:10:44:17	2673.52	
469	1:10:44:46	2673.52	
470	1:10:45:14	2673.52	
471	1:10:45:43	2673.56	
472	1:10:46:12	2673.68	
473	1:10:46:41	2673.60	
474	1:10:47:10	2673.60	
475	1:10:47:38	2673.60	
476	1:10:48:07	2673.72	
477	1:10:48:36	2673.76	
478	1:10:49:05	2673.64	
479	1:10:49:34	2673.64	
480	1:10:50:02	2673.64	
481	1:10:50:31	2673.64	
482	1:10:51:00	2673.72	
483	1:10:51:29	2673.68	
484	1:10:51:58	2673.60	
485	1:10:52:26	2673.68	
486	1:10:52:55	2673.68	
487	1:10:53:24	2673.76	
488	1:10:53:53	2673.76	
489	1:10:54:22	2673.64	
490	1:10:54:50	2673.64	
491	1:10:55:19	2604.90	
492	1:10:55:48	2649.66	
493	1:10:56:17	2644.77	
494	1:10:56:46	2645.56	
495	1:10:57:14	2646.20	
496	1:10:57:43	2663.16	
497	1:10:58:12	2669.02	
498	1:10:58:41	2670.05	
499	1:10:59:10	2670.37	
500	1:10:59:38	2671.65	
501	1:11:00:40	192.29	T
502	1:11:01:41	2672.59	
503	1:11:02:42	2672.79	
504	1:11:03:43	2672.79	
505	1:11:04:44	2672.71	
506	1:11:05:46	2672.71	
507	1:11:06:47	2673.03	
508	1:11:07:48	2673.03	
509	1:11:08:49	2673.15	
510	1:11:09:50	2673.31	
511	1:11:10:52	2673.15	
512	1:11:11:53	2673.15	
513	1:11:12:54	2673.15	
514	1:11:13:55	2673.07	
515	1:11:14:56	2673.19	
516	1:11:15:58	2673.19	
517	1:11:16:59	2673.35	
518	1:11:18:00	2640.85	
519	1:11:19:01	2666.77	
520	1:11:20:02	2672.07	
521	1:11:21:04	2672.63	

NUMBER	TIME	PSI/DEG.F	
522	1:11:22:05	2672.79	
523	1:11:23:06	2673.11	
524	1:11:24:07	2673.55	
525	1:11:25:08	2674.14	
526	1:11:26:10	2674.46	
527	1:11:27:11	2674.58	
528	1:11:28:12	2674.78	
529	1:11:29:13	2675.02	
530	1:11:30:14	2675.10	
531	1:11:31:16	2675.34	
532	1:11:32:17	2675.38	
533	1:11:33:18	2675.70	
534	1:11:34:19	2675.70	
535	1:11:35:20	2675.74	
536	1:11:36:22	2675.82	
537	1:11:37:23	2675.90	
538	1:11:38:24	2676.02	
539	1:11:39:25	2676.18	
540	1:11:40:26	2676.21	
541	1:11:41:28	2676.33	
542	1:11:42:29	2676.41	
543	1:11:43:30	2676.06	
544	1:11:44:31	2674.98	
545	1:11:45:32	2674.70	
546	1:11:46:34	2674.50	
547	1:11:47:35	2674.46	
548	1:11:48:36	2675.10	
549	1:11:49:37	2675.30	
550	1:11:50:38	2675.46	
551	1:11:51:40	2675.54	
552	1:11:52:41	192.37	T
553	1:11:53:42	2675.55	
554	1:11:54:43	2674.87	
555	1:11:55:44	2674.48	
556	1:11:56:46	2674.99	
557	1:11:57:47	2674.40	
558	1:11:58:48	2674.00	
559	1:11:59:49	2673.96	
560	1:12:00:50	2674.79	
561	1:12:01:52	2674.91	
562	1:12:02:53	2674.28	
563	1:12:03:54	2674.75	
564	1:12:04:55	2674.71	
565	1:12:05:56	2674.79	
566	1:12:06:58	2674.87	
567	1:12:07:59	2675.31	
568	1:12:09:00	2675.11	
569	1:12:10:01	2675.31	
570	1:12:11:02	2675.11	
571	1:12:12:04	2675.11	
572	1:12:13:05	2675.19	
573	1:12:14:06	2674.71	
574	1:12:15:07	2674.56	
575	1:12:16:08	2674.56	
576	1:12:17:10	2674.64	
577	1:12:18:11	2674.75	
578	1:12:19:12	2674.87	
579	1:12:20:13	2674.64	

NUMBER	TIME	PSI/DEG.F	
580	1:12:21:14	2674.56	
581	1:12:22:16	2486.89	
582	1:12:23:17	2463.81	
583	1:12:24:18	2457.76	
584	1:12:25:19	2456.97	
585	1:12:26:20	2455.86	
586	1:12:27:22	2452.42	
587	1:12:28:23	2453.92	
588	1:12:29:24	2456.57	
589	1:12:30:25	2454.48	
590	1:12:31:26	2447.24	
591	1:12:32:28	2441.38	
592	1:12:33:29	2443.87	
593	1:12:34:30	2433.28	
594	1:12:35:31	2426.28	
595	1:12:36:32	2423.51	
596	1:12:37:34	2425.25	
597	1:12:38:35	2426.36	
598	1:12:39:36	2427.03	
599	1:12:40:37	2422.01	
600	1:12:41:38	2423.71	
601	1:12:42:40	2429.44	
602	1:12:43:41	2434.42	
603	1:12:44:42	196.16	T
604	1:12:45:43	2429.94	
605	1:12:46:44	2428.12	
606	1:12:47:46	2425.28	
607	1:12:48:47	2421.64	
608	1:12:49:48	2415.40	
609	1:12:50:49	2414.69	
610	1:12:51:50	2412.32	
611	1:12:52:52	2398.70	
612	1:12:53:53	2394.95	
613	1:12:54:54	2391.75	
614	1:12:55:55	2389.58	
615	1:12:56:56	2390.88	
616	1:12:57:58	2391.35	
617	1:12:58:59	2395.89	
618	1:13:00:00	2390.56	
619	1:13:01:01	2385.28	
620	1:13:02:02	2391.67	
621	1:13:03:04	2392.70	
622	1:13:04:05	2392.22	
623	1:13:05:06	2395.66	
624	1:13:06:07	2396.05	
625	1:13:07:08	2388.79	
626	1:13:08:10	2383.90	
627	1:13:09:11	2383.26	
628	1:13:10:12	2387.01	
629	1:13:11:13	2388.63	
630	1:13:12:14	2388.39	
631	1:13:13:16	2388.12	
632	1:13:14:17	2389.42	
633	1:13:15:18	2392.85	
634	1:13:16:19	2385.36	
635	1:13:17:20	2365.43	
636	1:13:18:22	2357.51	
637	1:13:19:23	2348.24	

NUMBER	TIME	PSI/DEG.F	
638	1:13:20:24	2340.12	
639	1:13:21:25	2340.52	
640	1:13:22:26	2336.11	
641	1:13:23:28	2328.58	
642	1:13:24:29	2325.59	
643	1:13:25:30	2341.82	
644	1:13:26:31	2367.33	
645	1:13:27:32	2390.60	
646	1:13:28:34	2412.64	
647	1:13:29:35	2432.31	
648	1:13:30:36	2445.52	
649	1:13:31:37	2456.55	
650	1:13:32:38	2468.74	
651	1:13:33:40	2478.19	
652	1:13:34:41	2489.36	
653	1:13:35:42	2497.64	
654	1:13:36:43	200.74	T
655	1:13:37:44	2517.21	
656	1:13:38:46	2525.25	
657	1:13:39:47	2530.52	
658	1:13:40:48	2534.53	
659	1:13:41:49	2539.36	
660	1:13:42:50	2541.35	
661	1:13:43:52	2542.14	
662	1:13:44:53	2543.09	
663	1:13:45:54	2544.56	
664	1:13:46:55	2546.78	
665	1:13:47:56	2548.01	
666	1:13:48:58	2514.47	
667	1:13:49:59	2449.93	
668	1:13:51:00	2397.35	
669	1:13:52:01	2422.26	
670	1:13:53:02	2433.72	
671	1:13:54:04	2445.66	
672	1:13:55:05	2450.28	
673	1:13:56:06	2452.73	
674	1:13:57:07	2453.52	
675	1:13:58:08	2457.12	
676	1:13:59:10	2463.13	
677	1:14:00:11	2472.55	
678	1:14:01:12	2482.68	
679	1:14:02:13	2391.23	
680	1:14:03:14	2318.64	
681	1:14:04:16	2255.36	
682	1:14:05:17	2212.26	
683	1:14:06:18	2170.79	
684	1:14:07:19	2118.18	
685	1:14:08:20	2079.29	
686	1:14:09:22	2062.81	
687	1:14:10:23	2042.72	
688	1:14:11:24	2020.92	
689	1:14:12:25	1996.37	
690	1:14:13:26	1989.24	
691	1:14:14:28	1984.92	
692	1:14:15:29	1965.88	
693	1:14:16:30	1969.15	
694	1:14:17:31	1994.11	
695	1:14:18:32	2004.86	

NUMBER	TIME	PSI/DEG.F	
696	1:14:19:34	2007.59	
697	1:14:20:35	1997.22	
698	1:14:21:36	1989.01	
699	1:14:22:37	1993.33	
700	1:14:23:38	2008.64	
701	1:14:24:40	2012.93	
702	1:14:25:41	2008.29	
703	1:14:26:42	2018.66	
704	1:14:27:43	2023.65	
705	1:14:28:44	201.83	T
706	1:14:29:46	2069.43	
707	1:14:30:47	2120.07	
708	1:14:31:48	2170.56	
709	1:14:32:49	2218.19	
710	1:14:33:50	2213.68	
711	1:14:34:52	2175.19	
712	1:14:35:53	2154.08	
713	1:14:36:54	2129.81	
714	1:14:37:55	2106.58	
715	1:14:38:56	2089.04	
716	1:14:39:58	2087.32	
717	1:14:40:59	2082.75	
718	1:14:42:00	2079.55	
719	1:14:43:01	2068.10	
720	1:14:44:02	2058.27	
721	1:14:45:04	2049.96	
722	1:14:46:05	2041.61	
723	1:14:47:06	2047.15	
724	1:14:48:07	2044.14	
725	1:14:49:08	2047.97	
726	1:14:50:10	2060.14	
727	1:14:51:11	2065.14	
728	1:14:52:12	2061.19	
729	1:14:53:13	2063.19	
730	1:14:54:14	2069.63	
731	1:14:55:16	2075.09	
732	1:14:56:17	2073.80	
733	1:14:57:18	2072.28	
734	1:14:58:19	2078.45	
735	1:14:59:20	2074.20	
736	1:15:00:07	202.80	T
737	1:15:00:36	2066.81	
738	1:15:01:05	2066.89	
739	1:15:01:34	2062.16	
740	1:15:02:02	2060.02	
741	1:15:02:31	2057.25	
742	1:15:03:00	2050.81	
743	1:15:03:29	2051.82	
744	1:15:03:58	2054.32	
745	1:15:04:26	2055.65	
746	1:15:04:55	2057.64	
747	1:15:05:24	2055.80	
748	1:15:05:53	2051.78	
749	1:15:06:22	2054.24	
750	1:15:06:50	2059.20	
751	1:15:07:19	2070.09	
752	1:15:07:48	2076.88	
753	1:15:08:17	2077.62	

NUMBER	TIME	PSI/DEG.F
754	1:15:08:46	2075.91
755	1:15:09:14	2074.27
756	1:15:09:43	2074.58
757	1:15:10:12	2075.28
758	1:15:10:41	2071.30
759	1:15:11:10	2070.13
760	1:15:11:38	2069.31
761	1:15:12:07	2072.00
762	1:15:12:36	2074.70
763	1:15:13:05	2075.91
764	1:15:13:34	2075.44
765	1:15:14:02	2076.30
766	1:15:14:31	2075.91
767	1:15:15:00	2075.55
768	1:15:15:29	2073.72
769	1:15:15:58	2068.99
770	1:15:16:26	2065.83
771	1:15:16:55	2065.17
772	1:15:17:24	2067.98
773	1:15:17:53	2068.57
774	1:15:18:22	2068.57
775	1:15:18:50	2065.83
776	1:15:19:19	2062.75
777	1:15:19:48	2062.36
778	1:15:20:17	2062.52
779	1:15:20:46	2067.28
780	1:15:21:14	2074.30
781	1:15:21:43	2079.11
782	1:15:22:12	2081.02
783	1:15:22:41	2081.45
784	1:15:23:10	2080.67
785	1:15:23:38	2081.45
786	1:15:24:07	2085.36
787	1:15:24:36	2088.01
788	1:15:25:05	2087.11
789	1:15:25:34	2087.19
790	1:15:26:02	2087.47
791	1:15:26:31	2087.04
792	1:15:27:00	2088.79
793	1:15:27:29	2090.36
794	1:15:27:58	2091.41
795	1:15:28:26	2084.97
796	1:15:28:55	2081.37
797	1:15:29:24	2079.97
798	1:15:29:53	2081.88
799	1:15:30:22	2083.52
800	1:15:30:50	2084.61
801	1:15:31:19	2084.11
802	1:15:31:48	2086.33
803	1:15:32:17	2084.93
804	1:15:32:46	2081.96
805	1:15:33:14	2080.16
806	1:15:33:43	2078.68
807	1:15:34:12	2062.32
808	1:15:34:41	2023.82
809	1:15:35:10	1981.32
810	1:15:35:38	1951.21
811	1:15:36:07	1930.95

NUMBER	TIME	PSI/DEG.F	
812	1:15:36:36	1903.61	
813	1:15:37:05	1878.96	
814	1:15:37:34	1867.60	
815	1:15:38:02	1861.47	
816	1:15:38:31	1848.83	
817	1:15:39:00	1841.86	
818	1:15:39:29	1838.53	
819	1:15:39:58	1821.60	
820	1:15:40:26	1797.41	
821	1:15:40:55	1793.34	
822	1:15:41:24	1796.32	
823	1:15:41:53	1799.23	
824	1:15:42:22	1788.12	
825	1:15:42:50	1786.11	
826	1:15:43:19	1807.12	
827	1:15:43:48	1826.71	
828	1:15:44:17	1826.21	
829	1:15:44:46	1802.75	
830	1:15:45:14	1820.82	
831	1:15:45:43	1822.95	
832	1:15:46:12	1830.08	
833	1:15:46:41	1837.79	
834	1:15:47:10	1851.20	
835	1:15:47:38	1866.16	
836	1:15:48:07	1869.26	
837	1:15:48:36	203.13	T
838	1:15:49:05	1887.02	
839	1:15:49:34	1897.27	
840	1:15:50:02	1902.82	
841	1:15:50:31	1903.13	
842	1:15:51:00	1893.08	
843	1:15:51:29	1897.50	
844	1:15:51:58	1908.69	
845	1:15:52:26	1906.39	
846	1:15:52:55	1906.74	
847	1:15:53:24	1905.42	
848	1:15:53:53	1920.03	
849	1:15:54:22	1922.09	
850	1:15:54:50	1915.60	
851	1:15:55:19	1915.60	
852	1:15:55:48	1911.52	
853	1:15:56:17	1907.21	
854	1:15:56:46	1918.39	
855	1:15:57:14	1927.95	
856	1:15:57:43	1927.52	
857	1:15:58:12	1928.81	
858	1:15:58:41	1936.42	
859	1:15:59:10	1945.95	
860	1:15:59:38	1952.71	
861	1:16:00:07	1956.72	
862	1:16:00:36	1954.00	
863	1:16:01:05	1948.01	
864	1:16:01:34	1950.30	
865	1:16:02:02	1958.70	
866	1:16:02:31	1966.68	
867	1:16:03:00	1952.75	
868	1:16:03:29	1947.54	
869	1:16:03:58	1944.28	

NUMBER	TIME	PSI/DEG.F
870	1:16:04:26	1944.78
871	1:16:04:55	1952.83
872	1:16:05:24	1955.16
873	1:16:05:53	1950.65
874	1:16:06:22	1944.08
875	1:16:06:50	1945.68
876	1:16:07:19	1945.02
877	1:16:07:48	1946.96
878	1:16:08:17	1945.64
879	1:16:08:46	1931.95
880	1:16:09:14	1938.45
881	1:16:09:43	1948.59
882	1:16:10:12	1956.29
883	1:16:10:41	1951.24
884	1:16:11:10	1947.43
885	1:16:11:38	1945.60
886	1:16:12:07	1946.18
887	1:16:12:36	1946.26
888	1:16:13:05	1944.67
889	1:16:13:34	1944.04
890	1:16:14:02	1942.45
891	1:16:14:31	1941.59
892	1:16:15:00	1937.59
893	1:16:15:29	1929.62
894	1:16:15:58	1924.81
895	1:16:16:26	1926.24
896	1:16:16:55	1929.08
897	1:16:17:24	1932.50
898	1:16:17:53	1941.91
899	1:16:18:22	1946 69
900	1:16:18:50	1944.74
901	1:16:19:19	1941.21
902	1:16:19:48	1935.88
903	1:16:20:17	1936.31
904	1:16:20:46	1938.56
905	1:16:21:14	1939.65
906	1:16:21:43	1947.62
907	1:16:22:12	1949.60
908	1:16:22:41	1954.31
909	1:16:23:10	1981.19
910	1:16:23:38	1984.43
911	1:16:24:07	1981.58
912	1:16:24:36	1965.28
913	1:16:25:05	1971.89
914	1:16:25:34	1994.00
915	1:16:26:02	1997.74
916	1:16:26:31	1998.41
917	1:16:27:00	2010.01
918	1:16:27:29	2017.81
919	1:16:27:58	1997.55
920	1:16:28:26	1985.87
921	1:16:28:55	1977.15
922	1:16:29:24	1974.23
923	1:16:29:53	1976.02
924	1:16:30:22	1983.53
925	1:16:30:50	1985.67
926	1:16:31:19	1981.74
927	1:16:31:48	1975.16

NUMBER	TIME	PSI/DEG.F	
928	1:16:32:17	1973.18	
929	1:16:32:46	1971.62	
930	1:16:33:14	1974.19	
931	1:16:33:43	1981.27	
932	1:16:34:12	1981.97	
933	1:16:34:41	1982.75	
934	1:16:35:10	1985.71	
935	1:16:35:38	1988.05	
936	1:16:36:07	1983.10	
937	1:16:36:36	1968.27	
938	1:16:37:05	204.47	T
939	1:16:37:34	1944.00	
940	1:16:38:02	1928.57	
941	1:16:38:31	1919.13	
942	1:16:39:00	1922.63	
943	1:16:39:29	1929.89	
944	1:16:39:58	1951.58	
945	1:16:40:26	1947.30	
946	1:16:40:55	1943.61	
947	1:16:41:24	1973.29	
948	1:16:41:53	1985.82	
949	1:16:42:22	1982.47	
950	1:16:42:50	1976.59	
951	1:16:43:19	1990.45	
952	1:16:43:48	2015.57	
953	1:16:44:17	2031.13	
954	1:16:44:46	2039.70	
955	1:16:45:14	2045.28	
956	1:16:45:43	2047.35	
957	1:16:46:12	2047.82	
958	1:16:46:41	2046.22	
959	1:16:47:10	2049.34	
960	1:16:47:38	2054.68	
961	1:16:48:07	2058.31	
962	1:16:48:36	2053.75	
963	1:16:49:05	2045.79	
964	1:16:49:34	2042.16	
965	1:16:50:02	2026.57	
966	1:16:50:31	2009.93	
967	1:16:51:00	2007.16	
968	1:16:51:29	2006.58	
969	1:16:51:58	2020.25	
970	1:16:52:26	2030.62	
971	1:16:52:55	2026.29	
972	1:16:53:24	2013.47	
973	1:16:53:53	2014.37	
974	1:16:54:22	2031.95	
975	1:16:54:50	2031.32	
976	1:16:55:19	2017.13	
977	1:16:55:48	2001.43	
978	1:16:56:17	2002.41	
979	1:16:56:46	2014.87	
980	1:16:57:14	2012.89	
981	1:16:57:43	2014.68	
982	1:16:58:12	2026.60	
983	1:16:58:41	2040.13	
984	1:16:59:10	2044.19	
985	1:16:59:38	2039.39	

NUMBER	TIME	PSI/DEG.F	
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989	1:17:01:34	2041.73	
990	1:17:02:02	2037.13	
991	1:17:02:31	2022.71	
992	1:17:03:00	2017.84	
993	1:17:03:29	2015.34	
994	1:17:03:58	2020.25	
995	1:17:04:26	2020.91	
996	1:17:04:55	2026.06	
997	1:17:05:24	2034.56	
998	1:17:05:53	2034.01	
999	1:17:06:22	2039.04	
1000	1:17:06:50	2044.31	
1001	1:17:07:19	2050.98	
1002	1:17:07:48	2045.83	
1003	1:17:08:17	2039.00	
1004	1:17:08:46	2037.99	
1005	1:17:09:14	2044.42	
1006	1:17:09:43	2038.34	
1007	1:17:10:12	2034.28	
1008	1:17:10:41	2041.38	
1009	1:17:11:10	2057.26	
1010	1:17:11:38	2065.18	
1011	1.17:12:07	2072.32	
1012	1:17:12:36	2078.57	
1013	1:17:13:05	2078.73	
1014	1:17:13:34	2080.17	
1015	1:17:14:02	2082.32	
1016	1:17:14:31	2076.54	
1017	1:17:15:00	2077.24	
1018	1:17:15:29	2080.09	
1019	1:17:15:58	2075.72	
1020	1:17:16:26	2061.94	
1021	1:17:16:55	2048.71	
1022	1:17:17:24	2054.92	
1023	1:17:17:53	2059.37	
1024	1:17:18:22	2045.55	
1025	1:17:18:50	2037.95	
1026	1:17:19:19	2043.88	
1027	1:17:19:48	2040.41	
1028	1:17:20:17	2039.78	
1029	1:17:20:46	2042.63	
1030	1:17:21:14	2052.30	
1031	1:17:21:43	2048.75	
1032	1:17:22:12	2055.31	
1033	1:17:22:41	2060.89	
1034	1:17:23:10	2051.68	
1035	1:17:23:38	2046.96	
1036	1:17:24:07	2045.32	
1037	1:17:24:36	2036.23	
1038	1:17:25:05	2021.97	
1039	1:17:25:34	205.41	T
1040	1:17:26:02	2041.29	
1041	1:17:26:31	2035.64	
1042	1:17:27:00	2041.17	
1043	1:17:27:29	2035.95	

NUMBER	TIME	PSI/DEG.F
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1045	1:17:28:26	2034.94
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1047	1:17:29:24	2044.06
1048	1:17:29:53	2042.07
1049	1:17:30:22	2047.92
1050	1:17:30:50	2051.31
1051	1:17:31:19	2051.55
1052	1:17:31:48	2048.47
1053	1:17:32:17	2045.66
1054	1:17:32:46	2046.36
1055	1:17:33:14	2042.27
1056	1:17:33:43	2040.63
1057	1:17:34:12	2049.75
1058	1:17:34:41	2057.63
1059	1:17:35:10	2062.43
1060	1:17:35:38	2059.94
1061	1:17:36:07	2069.62
1062	1:17:36:36	2079.06
1063	1:17:37:05	2076.64
1064	1:17:37:34	2072.50
1065	1:17:38:02	2075.71
1066	1:17:38:31	2083.55
1067	1:17:39:00	2085.94
1068	1:17:39:29	2084.14
1069	1:17:39:58	2080.39
1070	1:17:40:26	2075.16
1071	1:17:40:55	2070.28
1072	1:17:41:24	2062.51
1073	1:17:41:53	2064.78
1074	1:17:42:22	2073.68
1075	1:17:42:50	2074.57
1076	1:17:43:19	2073.17
1077	1:17:43:48	2071.22
1078	1:17:44:17	2071.61
1079	1:17:44:46	2073.52
1080	1:17:45:14	2073.56
1081	1:17:45:43	2072.70
1082	1:17:46:12	2072.78
1083	1:17:46:41	2072.62
1084	1:17:47:10	2069.30
1085	1:17:47:38	2068.33
1086	1:17:48:07	2069.69
1087	1:17:48:36	2035.09
1088	1:17:49:05	2030.61
1089	1:17:49:34	2028.31
1090	1:17:50:02	2026.55
1091	1:17:50:31	2025.03
1092	1:17:51:00	2019.62
1093	1:17:51:29	2014.43
1094	1:17:51:58	2019.69
1095	1:17:52:26	2026.05
1096	1:17:52:55	2023.20
1097	1:17:53:24	2014.86
1098	1:17:53:53	2005.94
1099	1:17:54:22	2005.79
1100	1:17:54:50	2007.93
1101	1:17:55:19	2008.24

NUMBER	TIME	PSI/DEG.F	
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1103	1:17:56:17	2005.98	
1104	1:17:56:46	2005.20	
1105	1:17:57:14	2019.66	
1106	1:17:57:43	2033.10	
1107	1:17:58:12	2042.34	
1108	1:17:58:41	2048.74	
1109	1:17:59:10	2056.23	
1110	1:17:59:38	2062.51	
1111	1:18:00:07	2069.07	
1112	1:18:00:36	2074.07	
1113	1:18:01:05	2077.35	
1114	1:18:01:34	2080.47	
1115	1:18:02:02	2084.65	
1116	1:18:02:31	2088.79	
1117	1:18:03:00	2092.15	
1118	1:18:03:29	2093.04	
1119	1:18:03:58	2095.35	
1120	1:18:04:26	2087.54	
1121	1:18:04:55	2103.67	
1122	1:18:05:24	2125.76	
1123	1:18:05:53	2145.08	
1124	1:18:06:22	2162.58	
1125	1:18:06:50	2177.73	
1126	1:18:07:19	2191.84	
1127	1:18:07:48	2205.79	
1128	1:18:08:17	2218.50	
1129	1:18:08:46	2228.90	
1130	1:18:09:14	2237.18	
1131	1:18:09:43	2245.07	
1132	1:18:10:12	2252.10	
1133	1:18:10:41	2258.61	
1134	1:18:11:10	2265.45	
1135	1:18:11:38	2274.53	
1136	1:18:12:07	2282.82	
1137	1:18:12:36	2288.87	
1138	1:18:13:05	2292.02	
1139	1:18:13:34	2294.38	
1140	1:18:14:02	206.41	T
1141	1:18:14:31	2297.46	
1142	1:18:15:00	2299.63	
1143	1:18:15:29	2305.41	
1144	1:18:15:58	2313.47	
1145	1:18:16:26	2320.59	
1146	1:18:16:55	2324.96	
1147	1:18:17:24	2326.50	
1148	1:18:17:53	2327.56	
1149	1:18:18:22	2326.34	
1150	1:18:18:50	2325.75	
1151	1:18:19:19	2327.56	
1152	1:18:19:48	2329.80	
1153	1:18:20:17	2330.35	
1154	1:18:20:46	2331.69	
1155	1:18:21:14	2334.09	
1156	1:18:21:43	2336.50	
1157	1:18:22:12	2338.15	
1158	1:18:22:41	2338.62	
1159	1:18:23:10	2339.65	

NUMBER	TIME	PSI/DEG.F
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1161	1:18:24:07	2338.62
1162	1:18:24:36	2338.82
1163	1:18:25:05	2339.69
1164	1:18:25:34	2339.76
1165	1:18:26:02	2340.00
1166	1:18:26:31	2340.75
1167	1:18:27:00	2342.05
1168	1:18:27:29	2342.80
1169	1:18:27:58	2341.97
1170	1:18:28:26	2340.63
1171	1:18:28:55	2340.75
1172	1:18:29:24	2340.95
1173	1:18:29:53	2340.00
1174	1:18:30:22	2340.35
1175	1:18:30:50	2340.28
1176	1:18:31:19	2339.57
1177	1:18:31:48	2340.00
1178	1:18:32:17	2341.18
1179	1:18:32:46	2342.88
1180	1:18:33:14	2344.33
1181	1:18:33:43	2345.79
1182	1:18:34:12	2347.37
1183	1:18:34:41	2348.74
1184	1:18:35:10	2349.57
1185	1:18:35:38	2349.18
1186	1:18:36:07	2348.55
1187	1:18:36:36	2348.03
1188	1:18:37:05	2347.92
1189	1:18:37:34	2348.51
1190	1:18:38:02	2349.14
1191	1:18:38:31	2348.98
1192	1:18:39:00	2349.14
1193	1:18:39:29	2349.02
1194	1:18:39:58	2349.10
1195	1:18:40:26	2349.26
1196	1:18:40:55	2349.41
1197	1:18:41:24	2349.69
1198	1:18:41:53	2350.32
1199	1:18:42:22	2350.87
1200	1:18:42:50	2351.11
1201	1:18:43:19	2351.50
1202	1:18:43:48	2351.19
1203	1:18:44:17	2351.26
1204	1:18:44:46	2351.23
1205	1:18:45:14	2350.40
1206	1:18:45:43	2348.74
1207	1:18:46:12	2347.76
1208	1:18:46:41	2348.39
1209	1:18:47:10	2349.45
1210	1:18:47:38	2350.00
1211	1:18:48:07	2351.50
1212	1:18:48:36	2353.16
1213	1:18:49:05	2352.29
1214	1:18:49:34	2351.23
1215	1:18:50:02	2351.23
1216	1:18:50:31	2352.72
1217	1:18:51:00	2354.57
1218	1:18:51:29	2356.27
1219	1:18:51:58	2354.97
1220	1:18:52:26	2353.71
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1223	1:18:53:53	2355.80
1224	1:18:54:22	2354.97
1225	1:18:54:50	2354.65
1226	1:18:55:19	2353.75
1227	1:18:55:48	2354.46
1228	1:18:56:17	2356.15
1229	1:18:56:46	2357.17
1230	1:18:57:14	2356.70
1231	1:18:57:43	2356.03
1232	1:18:58:12	2354.69
1233	1:18:58:41	2354.18
1234	1:18:59:10	2354.97
1235	1:18:59:38	2356.07
1236	1:19:00:07	2357.02
1237	1:19:00:36	2357.33
1238	1:19:01:05	2356.50
1239	1:19:01:34	2355.44
1240	1:19:02:02	2355.60
1241	1:19:02:31	206.48 T
1242	1:19:03:00	2356.99
1243	1:19:03:29	2356.71
1244	1:19:03:58	2356.79
1245	1:19:04:26	2356.99
1246	1:19:04:55	2357.23
1247	1:19:05:24	2357.42
1248	1:19:05:53	2357.15
1249	1:19:06:22	2357.19
1250	1:19:06:50	2356.24
1251	1:19:07:19	2355.41
1252	1:19:07:48	2356.04
1253	1:19:08:17	2358.13
1254	1:19:08:46	2359.79
1255	1:19:09:14	2359.59
1256	1:19:09:43	2359.55
1257	1:19:10:12	2359.71
1258	1:19:10:41	2359.67
1259	1:19:11:10	2359.16
1260	1:19:11:38	2358.17
1261	1:19:12:07	2358.01
1262	1:19:12:36	2358.80
1263	1:19:13:05	2359.00
1264	1:19:13:34	2358.61
1265	1:19:14:02	2358.68
1266	1:19:14:31	2359.04
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1268	1:19:15:29	2358.64
1269	1:19:15:58	2358.88
1270	1:19:16:26	2359.24
1271	1:19:16:55	2359.63
1272	1:19:17:24	2359.83
1273	1:19:17:53	2359.94
1274	1:19:18:22	2359.63
1275	1:19:18:50	2359.43

NUMBER	TIME	PSI/DEG.F	
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1278	1:19:20:17	2359.20	
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1280	1:19:21:14	2359.55	
1281	1:19:21:43	2359.71	
1282	1:19:22:12	2359.31	
1283	1:19:22:41	2358.64	
1284	1:19:23:10	2358.41	
1285	1:19:23:38	2358.57	
1286	1:19:24:07	2359.00	
1287	1:19:24:36	2358.64	
1288	1:19:25:05	2358.80	
1289	1:19:25:34	2359.12	
1290	1:19:26:02	2359.51	
1291	1:19:26:31	2359.71	
1292	1:19:27:00	2360.14	
1293	1:19:27:29	2360.50	
1294	1:19:27:58	2360.02	
1295	1:19:28:26	2359.43	
1296	1:19:28:55	2359.43	
1297	1:19:29:24	2359.51	
1298	1:19:29:53	2359.87	
1299	1:19:30:22	2359.94	
1300	1:19:30:50	2360.26	
1301	1:19:31:19	2360.77	
1302	1:19:31:48	2361.28	
1303	1:19:32:17	2361.80	
1304	1:19:32:46	2362.11	
1305	1:19:33:14	2361.56	
1306	1:19:33:43	2361.01	
1307	1:19:34:12	2360.89	
1308	1:19:34:41	2361.05	
1309	1:19:35:10	2360.10	
1310	1:19:35:38	2359.16	
1311	1:19:36:07	2359.24	
1312	1:19:36:36	2360.10	
1313	1:19:37:05	2360.06	
1314	1:19:37:34	2360.46	
1315	1:19:38:02	2360.61	
1316	1:19:38:31	2360.85	
1317	1:19:39:00	2361.48	
1318	1:19:39:29	2361.88	
1319	1:19:39:58	2361.48	
1320	1:19:40:26	2360.77	
1321	1:19:40:55	2359.79	
1322	1:19:41:24	2359.51	
1323	1:19:41:53	2360.46	
1324	1:19:42:22	2361.40	
1325	1:19:42:50	2361.56	
1326	1:19:43:19	2361.21	
1327	1:19:43:48	2361.13	
1328	1:19:44:17	2361.80	
1329	1:19:44:46	2362.62	
1330	1:19:45:14	2363.33	
1331	1:19:45:43	2362.78	
1332	1:19:46:12	2362.15	
1333	1:19:46:41	2361.80	
1334	1:19:47:10	2361.48	
1335	1:19:47:38	2361.01	
1336	1:19:48:07	2360.34	
1337	1:19:48:36	2360.26	
1338	1:19:49:05	2359.98	
1339	1:19:49:34	2360.22	
1340	1:19:50:02	2360.54	
1341	1:19:50:31	2360.85	
1342	1:19:51:00	206.65	T
1343	1:19:51:29	2360.60	
1344	1:19:51:58	2361.16	
1345	1:19:52:26	2362.26	
1346	1:19:52:55	2362.30	
1347	1:19:53:24	2361.83	
1348	1:19:53:53	2362.22	
1349	1:19:54:22	2363.01	
1350	1:19:54:50	2363.24	
1351	1:19:55:19	2363.64	
1352	1:19:55:48	2363.80	
1353	1:19:56:17	2362.97	
1354	1:19:56:46	2362.22	
1355	1:19:57:14	2361.67	
1356	1:19:57:43	2361.35	
1357	1:19:58:12	2360.60	
1358	1:19:58:41	2360.33	
1359	1:19:59:10	2360.41	
1360	1:19:59:38	2361.04	
1361	1:20:00:07	2361.59	
1362	1:20:00:36	2361.63	
1363	1:20:01:05	2361.16	
1364	1:20:01:34	2360.64	
1365	1:20:02:02	2362.06	
1366	1:20:02:31	2372.78	
1367	1:20:03:00	2373.25	
1368	1:20:03:29	2358.95	
1369	1:20:03:58	2357.53	
1370	1:20:04:26	2356.47	
1371	1:20:04:55	2355.60	
1372	1:20:05:24	2353.00	
1373	1:20:05:53	2352.57	
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1375	1:20:06:50	2354.65	
1376	1:20:07:19	2355.84	
1377	1:20:07:48	2356.23	
1378	1:20:08:17	2356.94	
1379	1:20:08:46	2358.20	
1380	1:20:09:14	2359.50	
1381	1:20:09:43	2359.74	
1382	1:20:10:12	2359.34	
1383	1:20:10:41	2358.71	
1384	1:20:11:10	2358.75	
1385	1:20:11:38	2359.42	
1386	1:20:12:07	2360.17	
1387	1:20:12:36	2361.63	
1388	1:20:13:05	2362.14	
1389	1:20:13:34	2361.83	
1390	1:20:14:02	2361.12	
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NUMBER	TIME	PSI/DEG.F	
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1395	1:20:16:26	2360.88	
1396	1:20:16:55	2361.39	
1397	1:20:17:24	2362.02	
1398	1:20:17:53	2362.42	
1399	1:20:18:22	2362.69	
1400	1:20:18:50	2362.93	
1401	1:20:19:19	2362.73	
1402	1:20:19:48	2362.06	
1403	1:20:20:17	2361.75	
1404	1:20:20:46	2361.51	
1405	1:20:21:14	2361.94	
1406	1:20:21:43	2362.46	
1407	1:20:22:12	2363.17	
1408	1:20:22:41	2363.83	
1409	1:20:23:10	2363.68	
1410	1:20:23:38	2363.09	
1411	1:20:24:07	2362.18	
1412	1:20:24:36	2361.63	
1413	1:20:25:05	2361.63	
1414	1:20:25:34	2362.30	
1415	1:20:26:02	2362.42	
1416	1:20:26:31	2362.06	
1417	1:20:27:00	2361.23	
1418	1:20:27:29	2360.88	
1419	1:20:27:58	2361.16	
1420	1:20:28:26	2362.42	
1421	1:20:28:55	2361.98	
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1423	1:20:29:53	2358.52	
1424	1:20:30:22	2361.79	
1425	1:20:30:50	2362.93	
1426	1:20:31:19	2362.73	
1427	1:20:31:48	2362.30	
1428	1:20:32:17	2361.90	
1429	1:20:32:46	2361.86	
1430	1:20:33:14	2362.22	
1431	1:20:33:43	2362.46	
1432	1:20:34:12	2362.61	
1433	1:20:34:41	2362.61	
1434	1:20:35:10	2361.90	
1435	1:20:35:38	2360.76	
1436	1:20:36:07	2360.92	
1437	1:20:36:36	2368.13	
1438	1:20:37:05	2359.93	
1439	1:20:37:34	2361.31	
1440	1:20:38:02	2363.64	
1441	1:20:38:31	2363.13	
1442	1:20:39:00	2363.99	
1443	1:20:39:29	206.82	T
1444	1:20:39:58	2363.16	
1445	1:20:40:26	2362.21	
1446	1:20:40:55	2360.99	
1447	1:20:41:24	2359.77	
1448	1:20:41:53	2357.92	
1449	1:20:42:22	2356.97	

NUMBER	TIME	PSI/DEG.F
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1451	1:20:43:19	2359.33
1452	1:20:43:48	2360.75
1453	1:20:44:17	2361.19
1454	1:20:44:46	2361.50
1455	1:20:45:14	2362.88
1456	1:20:45:43	2363.59
1457	1:20:46:12	2364.50
1458	1:20:46:41	2365.64
1459	1:20:47:10	2366.07
1460	1:20:47:38	2365.68
1461	1:20:48:07	2365.01
1462	1:20:48:36	2364.65
1463	1:20:49:05	2364.69
1464	1:20:49:34	2364.77
1465	1:20:50:02	2364.53
1466	1:20:50:31	2363.71
1467	1:20:51:00	2362.80
1468	1:20:51:29	2361.97
1469	1:20:51:58	2362.37
1470	1:20:52:26	2363.83
1471	1:20:52:55	2365.17
1472	1:20:53:24	2365.32
1473	1:20:53:53	2365.64
1474	1:20:54:22	2365.91
1475	1:20:54:50	2365.76
1476	1:20:55:19	2366.47
1477	1:20:55:48	2368.00
1478	1:20:56:17	2368.44
1479	1:20:56:46	2367.73
1480	1:20:57:14	2366.78
1481	1:20:57:43	2365.36
1482	1:20:58:12	2363.67
1483	1:20:58:41	2363.43
1484	1:20:59:10	2364.30
1485	1:20:59:38	2365.84
1486	1:21:00:07	2365.87
1487	1:21:00:36	2365.36
1488	1:21:01:05	2363.90
1489	1:21:01:34	2361.78
1490	1:21:02:02	2363.16
1491	1:21:02:31	2367.53
1492	1:21:03:00	2369.58
1493	1:21:03:29	2369.82
1494	1:21:03:58	2368.52
1495	1:21:04:26	2367.96
1496	1:21:04:55	2368.04
1497	1:21:05:24	2368.24
1498	1:21:05:53	2368.12
1499	1:21:06:22	2368.04
1500	1:21:06:50	2367.73
1501	1:21:07:19	2367.14
1502	1:21:07:48	2366.43
1503	1:21:08:17	2366.58
1504	1:21:08:46	2366.15
1505	1:21:09:14	2374.31
1506	1:21:09:43	2365.20
1507	1:21:10:12	2364.42

NUMBER	TIME	PSI/DEG.F	
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1509	1:21:11:10	2362.33	
1510	1:21:11:38	2373.09	
1511	1:21:12:07	2373.80	
1512	1:21:12:36	2371.75	
1513	1:21:13:05	2363.43	
1514	1:21:13:34	2360.20	
1515	1:21:14:02	2359.92	
1516	1:21:14:31	2359.06	
1517	1:21:15:00	2360.71	
1518	1:21:15:29	2361.62	
1519	1:21:15:58	2361.38	
1520	1:21:16:26	2362.64	
1521	1:21:16:55	2365.95	
1522	1:21:17:24	2368.59	
1523	1:21:17:53	2369.90	
1524	1:21:18:22	2370.37	
1525	1:21:18:50	2370.25	
1526	1:21:19:19	2369.66	
1527	1:21:19:48	2369.07	
1528	1:21:20:17	2368.32	
1529	1:21:20:46	2367.65	
1530	1:21:21:14	2367.21	
1531	1:21:21:43	2367.21	
1532	1:21:22:12	2367.14	
1533	1:21:22:41	2367.37	
1534	1:21:23:10	2368.52	
1535	1:21:23:38	2369.82	
1536	1:21:24:07	2370.25	
1537	1:21:24:36	2369.93	
1538	1:21:25:05	2368.83	
1539	1:21:25:34	2367.06	
1540	1:21:26:02	2365.48	
1541	1:21:26:31	2365.72	
1542	1:21:27:00	2366.82	
1543	1:21:27:29	2367.41	
1544	1:21:27:58	206.96	T
1545	1:21:28:26	2366.96	
1546	1:21:28:55	2366.49	
1547	1:21:29:24	2365.62	
1548	1:21:29:53	2365.42	
1549	1:21:30:22	2367.55	
1550	1:21:30:50	2369.72	
1551	1:21:31:19	2370.11	
1552	1:21:31:48	2369.92	
1553	1:21:32:17	2369.72	
1554	1:21:32:46	2369.01	
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1556	1:21:33:43	2366.92	
1557	1:21:34:12	2366.13	
1558	1:21:34:41	2365.19	
1559	1:21:35:10	2363.73	
1560	1:21:35:38	2365.35	
1561	1:21:36:07	2369.41	
1562	1:21:36:36	2371.26	
1563	1:21:37:05	2371.38	
1564	1:21:37:34	2370.78	
1565	1:21:38:02	2370.11	

NUMBER	TIME	PSI/DEG.F
1566	1:21:38:31	2369.37
1567	1:21:39:00	2367.99
1568	1:21:39:29	2367.71
1569	1:21:39:58	2367.40
1570	1:21:40:26	2367.00
1571	1:21:40:55	2367.24
1572	1:21:41:24	2367.75
1573	1:21:41:53	2368.07
1574	1:21:42:22	2368.50
1575	1:21:42:50	2368.93
1576	1:21:43:19	2369.56
1577	1:21:43:48	2369.25
1578	1:21:44:17	2368.50
1579	1:21:44:46	2367.75
1580	1:21:45:14	2367.95
1581	1:21:45:43	2368.22
1582	1:21:46:12	2368.70
1583	1:21:46:41	2369.92
1584	1:21:47:10	2370.55
1585	1:21:47:38	2370.43
1586	1:21:48:07	2370.39
1587	1:21:48:36	2370.00
1588	1:21:49:05	2369.25
1589	1:21:49:34	2369.13
1590	1:21:50:02	2369.44
1591	1:21:50:31	2369.84
1592	1:21:51:00	2369.88
1593	1:21:51:29	2369.33
1594	1:21:51:58	2368.26
1595	1:21:52:26	2367.32
1596	1:21:52:55	2366.65
1597	1:21:53:24	2367.00
1598	1:21:53:53	2368.38
1599	1:21:54:22	2369.56
1600	1:21:54:50	2370.23
1601	1:21:55:19	2370.00
1602	1:21:55:48	2369.56
1603	1:21:56:17	2369.41
1604	1:21:56:46	2369.56
1605	1:21:57:14	2369.96
1606	1:21:57:43	2370.08
1607	1:21:58:12	2370.15
1608	1:21:58:41	2369.76
1609	1:21:59:10	2368.93
1610	1:21:59:38	2369.44
1611	1:22:00:07	2401.82
1612	1:22:00:36	2432.34
1613	1:22:01:05	2463.32
1614	1:22:01:34	2490.13
1615	1:22:02:02	2512.34
1616	1:22:02:31	2530.84
1617	1:22:03:00	2545.98
1618	1:22:03:29	2558.03
1619	1:22:03:58	2567.71
1620	1:22:04:26	2575.29
1621	1:22:04:55	2581.40
1622	1:22:05:24	2586.32
1623	1:22:05:53	2590.25

NUMBER	TIME	PSI/DEG.F	
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1625	1:22:06:50	2595.73	
1626	1:22:07:19	2597.40	
1627	1:22:07:48	2598.71	
1628	1:22:08:17	2600.06	
1629	1:22:08:46	2601.41	
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1631	1:22:09:43	2603.67	
1632	1:22:10:12	2604.66	
1633	1:22:10:41	2605.58	
1634	1:22:11:10	2606.45	
1635	1:22:11:38	2607.21	
1636	1:22:12:07	2608.16	
1637	1:22:12:36	2608.71	
1638	1:22:13:05	2609.39	
1639	1:22:13:34	2610.10	
1640	1:22:14:02	2611.18	
1641	1:22:14:31	2612.29	
1642	1:22:15:00	2613.00	
1643	1:22:15:29	2613.60	
1644	1:22:15:58	2614.00	
1645	1:22:16:26	207.15	T
1646	1:22:16:55	2614.78	
1647	1:22:17:24	2614.98	
1648	1:22:17:53	2615.14	
1649	1:22:18:22	2615.22	
1650	1:22:18:50	2615.42	
1651	1:22:19:19	2615.66	
1652	1:22:19:48	2615.86	
1653	1:22:20:17	2616.13	
1654	1:22:20:46	2616.25	
1655	1:22:21:14	2616.45	
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1657	1:22:22:12	2616.69	
1658	1:22:22:41	2616.85	
1659	1:22:23:10	2617.01	
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1662	1:22:24:36	2617.33	
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1676	1:22:31:19	2617.48	
1677	1:22:31:48	2617.48	
1678	1:22:32:17	2617.40	
1679	1:22:32:46	2617.52	
1680	1:22:33:14	2617.56	
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NUMBER	TIME	PSI/DEG.F
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1683	1:22:34:41	2617.72
1684	1:22:35:10	2617.76
1685	1:22:35:38	2617.88
1686	1:22:36:07	2617.96
1687	1:22:36:36	2618.08
1688	1:22:37:05	2618.24
1689	1:22:37:34	2618.28
1690	1:22:38:02	2618.40
1691	1:22:38:31	2618.48
1692	1:22:39:00	2618.56
1693	1:22:39:29	2618.68
1694	1:22:39:58	2618.84
1695	1:22:40:26	2619.03
1696	1:22:40:55	2619.11
1697	1:22:41:24	2619.19
1698	1:22:41:53	2619.27
1699	1:22:42:22	2619.39
1700	1:22:42:50	2619.47
1701	1:22:43:19	2619.51
1702	1:22:43:48	2619.71
1703	1:22:44:17	2619.71
1704	1:22:44:46	2619.79
1705	1:22:45:14	2619.83
1706	1:22:45:43	2619.99
1707	1:22:46:12	2619.95
1708	1:22:46:41	2620.11
1709	1:22:47:10	2620.19
1710	1:22:47:38	2620.27
1711	1:22:48:07	2620.31
1712	1.22:48:36	2620.42
1713	1:22:49:05	2620.54
1714	1:22:49:34	2620.62
1715	1:22:50:02	2620.74
1716	1:22:50:31	2620.82
1717	1:22:51:00	2620.90
1718	1:22:51:29	2621.06
1719	1:22:51:58	2621.10
1720	1:22:52:26	2621.22
1721	1:22:52:55	2621.34
1722	1:22:53:24	2621.42
1723	1:22:53:53	2621.54
1724	1:22:54:22	2621.66
1725	1:22:54:50	2621.70
1726	1:22:55:19	2621.82
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1728	1:22:56:17	2621.97
1729	1:22:56:46	2621.97
1730	1:22:57:14	2622.09
1731	1:22:57:43	2622.17
1732	1:22:58:12	2622.21
1733	1:22:58:41	2622.25
1734	1:22:59:10	2622.29
1735	1:22:59:38	2622.37
1736	1:23:00:07	2622.37
1737	1:23:00:36	2622.49
1738	1:23:01:05	2622.57
1739	1:23:01:34	2622.57

NUMBER	TIME	PSI/DEG.F	
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1743	1:23:03:29	2622.69	
1744	1:23:03:58	2622.65	
1745	1:23:04:26	2622.69	
1746	1:23:04:55	204.65	T
1747	1:23:05:24	2622.26	
1748	1:23:05:53	2622.38	
1749	1:23:06:22	2622.50	
1750	1:23:06:50	2622.54	
1751	1:23:07:19	2622.46	
1752	1:23:07:48	2622.42	
1753	1:23:08:17	2622.38	
1754	1:23:08:46	2622.38	
1755	1:23:09:14	2622.34	
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1759	1:23:11:10	2622.46	
1760	1:23:11:38	2622.46	
1761	1:23:12:07	2622.54	
1762	1:23:12:36	2622.58	
1763	1:23:13:05	2622.65	
1764	1:23:13:34	2622.73	
1765	1:23:14:02	2622.85	
1766	1:23:14:31	2622.93	
1767	1:23:15:00	2623.13	
1768	1:23:15:29	2623.05	
1769	1:23:15:58	2623.01	
1770	1:23:16:26	2623.09	
1771	1:23:16:55	2623.09	
1772	1:23:17:24	2623.17	
1773	1:23:17:53	2623.21	
1774	1:23:18:22	2623.25	
1775	1:23:18:50	2623.29	
1776	1:23:19:19	2623.33	
1777	1:23:19:48	2623.29	
1778	1:23:20:17	2623.37	
1779	1:23:20:46	2623.41	
1780	1:23:21:14	2623.45	
1781	1:23:21:43	2623.49	
1782	1:23:22:12	2623.41	
1783	1:23:22:41	2623.41	
1784	1:23:23:10	2623.41	
1785	1:23:23:38	2623.37	
1786	1:23:24:07	2623.41	
1787	1:23:24:36	2623.53	
1788	1:23:25:05	2623.61	
1789	1:23:25:34	2623.65	
1790	1:23:26:02	2623.73	
1791	1:23:26:31	2623.77	
1792	1:23:27:00	2623.73	
1793	1:23:27:29	2623.73	
1794	1:23:27:58	2623.81	
1795	1:23:28:26	2623.73	
1796	1:23:28:55	2623.77	
1797	1:23:29:24	2623.77	

NUMBER	TIME	PSI/DEG.F	
1798	1:23:29:53	2623.85	
1799	1:23:30:22	2623.93	
1800	1:23:30:50	2623.93	
1801	1:23:31:19	2623.89	
1802	1:23:31:48	2623.93	
1803	1:23:32:17	2623.89	
1804	1:23:32:46	2623.89	
1805	1:23:33:14	2623.85	
1806	1:23:33:43	2623.89	
1807	1:23:34:12	2623.93	
1808	1:23:34:41	2623.89	
1809	1:23:35:10	2623.93	
1810	1:23:35:38	2623.97	
1811	1:23:36:07	2623.97	
1812	1:23:36:36	2624.09	
1813	1:23:37:05	2624.17	
1814	1:23:37:34	2624.21	
1815	1:23:38:02	2624.24	
1816	1:23:38:31	2624.28	
1817	1:23:39:00	2624.32	
1818	1:23:39:29	2624.32	
1819	1:23:39:58	2624.32	
1820	1:23:40:26	2624.32	
1821	1:23:40:55	2624.32	
1822	1:23:41:24	2624.44	
1823	1:23:41:53	2624.60	
1824	1:23:42:22	2624.52	
1825	1:23:42:50	2624.52	
1826	1:23:43:19	2624.52	
1827	1:23:43:48	2624.52	
1828	1:23:44:17	2624.52	
1829	1:23:44:46	2624.52	
1830	1:23:45:14	2624.48	
1831	1:23:45:43	2624.48	
1832	1:23:46:12	2624.40	
1833	1:23:46:41	2624.32	
1834	1:23:47:10	2624.28	
1835	1:23:47:38	2624.21	
1836	1:23:48:07	2624.21	
1837	1:23:48:36	2624.24	
1838	1:23:49:05	2624.13	
1839	1:23:49:34	2624.09	
1840	1:23:50:02	2624.05	
1841	1:23:50:31	2624.09	
1842	1:23:51:00	2623.97	
1843	1:23:51:29	2623.97	
1844	1:23:51:58	2623.97	
1845	1:23:52:26	2624.01	
1846	1:23:52:55	2623.93	
1847	1:23:53:24	202.67	T
1848	1:23:53:53	2623.61	
1849	1:23:54:22	2623.57	
1850	1:23:54:50	2623.61	
1851	1:23:55:19	2623.61	
1852	1:23:55:48	2623.57	
1853	1:23:56:17	2623.57	
1854	1:23:56:46	2623.49	
1855	1:23:57:14	2623.45	

NUMBER	TIME	PSI/DEG.F
1856	1:23:57:43	2623.41
1857	1:23:58:12	2623.37
1858	1:23:58:41	2623.33
1859	1:23:59:10	2623.29
1860	1:23:59:38	2623.29
1861	2:00:00:07	2623.25
1862	2:00:00:36	2622.86
1863	2:00:01:05	2622.82
1864	2:00:01:34	2622.97
1865	2:00:02:02	2622.86
1866	2:00:02:31	2622.54
1867	2:00:03:00	2622.78
1868	2:00:03:29	2623.05
1869	2:00:03:58	2622.78
1870	2:00:04:26	2623.53
1871	2:00:04:55	2624.17
1872	2:00:05:24	2623.97
1873	2:00:05:53	2623.81
1874	2:00:06:22	2623.65
1875	2:00:06:50	2623.57
1876	2:00:07:19	2623.65
1877	2:00:07:48	2623.85
1878	2:00:08:17	2624.05
1879	2:00:08:46	2624.25
1880	2:00:09:14	2624.41
1881	2:00:09:43	2624.60
1882	2:00:10:12	2624.64
1883	2:00:10:41	2624.72
1884	2:00:11:10	2624.72
1885	2:00:11:38	2624.76
1886	2:00:12:07	2624.76
1887	2:00:12:36	2624.84
1888	2:00:13:05	2624.84
1889	2:00:13:34	2624.92
1890	2:00:14:02	2624.92
1891	2:00:14:31	2624.88
1892	2:00:15:00	2624.76
1893	2:00:15:29	2624.60
1894	2:00:15:58	2624.53
1895	2:00:16:26	2624.45
1896	2:00:16:55	2624.37
1897	2:00:17:24	2624.25
1898	2:00:17:53	2624.13
1899	2:00:18:22	2624.09
1900	2:00:18:50	2624.05
1901	2:00:19:19	2624.21
1902	2:00:19:48	2623.41
1903	2:00:20:17	2623.29
1904	2:00:20:46	2622.94
1905	2:00:21:14	2622.58
1906	2:00:21:43	2623.09
1907	2:00:22:12	2622.46
1908	2:00:22:41	2622.54
1909	2:00:23:10	2621.98
1910	2:00:23:38	2622.74
1911	2:00:24:07	2623.37
1912	2:00:24:36	2623.97
1913	2:00:25:05	2624.17

NUMBER	TIME	PSI/DEG.F	
1914	2:00:25:34	2624.29	
1915	2:00:26:02	2624.33	
1916	2:00:26:31	2624.25	
1917	2:00:27:00	2624.13	
1918	2:00:27:29	2624.09	
1919	2:00:27:58	2623.97	
1920	2:00:28:26	2624.01	
1921	2:00:28:55	2624.05	
1922	2:00:29:24	2623.93	
1923	2:00:29:53	2623.93	
1924	2:00:30:22	2623.85	
1925	2:00:30:50	2623.81	
1926	2:00:31:19	2623.77	
1927	2:00:31:48	2623.85	
1928	2:00:32:17	2623.89	
1929	2:00:32:46	2623.93	
1930	2:00:33:14	2624.05	
1931	2:00:33:43	2624.13	
1932	2:00:34:12	2624.13	
1933	2:00:34:41	2624.21	
1934	2:00:35:10	2624.29	
1935	2:00:35:38	2624.29	
1936	2:00:36:07	2624.29	
1937	2:00:36:36	2624.29	
1938	2:00:37:05	2624.29	
1939	2:00:37:34	2624.25	
1940	2:00:38:02	2624.33	
1941	2:00:38:31	2624.37	
1942	2:00:39:00	2624.25	
1943	2:00:39:29	2623.65	
1944	2:00:39:58	2623.53	
1945	2:00:40:26	2623.41	
1946	2:00:40:55	2623.33	
1947	2:00:41:24	2623.57	
1948	2:00:41:53	201.78	T
1949	2:00:42:22	2623.27	
1950	2:00:42:50	2623.35	
1951	2:00:43:19	2623.63	
1952	2:00:43:48	2624.54	
1953	2:00:44:17	2623.71	
1954	2:00:44:46	2623.79	
1955	2:00:45:14	2623.35	
1956	2:00:45:43	2622.87	
1957	2:00:46:12	2622.39	
1958	2:00:46:41	2622.16	
1959	2:00:47:10	2622.04	
1960	2:00:47:38	2621.88	
1961	2:00:48:07	2622.55	
1962	2:00:48:36	2622.91	
1963	2:00:49:05	2623.23	
1964	2:00:49:34	2623.59	
1965	2:00:50:02	2623.79	
1966	2:00:50:31	2623.90	
1967	2:00:51:00	2624.02	
1968	2:00:51:29	2623.94	
1969	2:00:51:58	2623.98	
1970	2:00:52:26	2623.79	
1971	2:00:52:55	2623.43	

NUMBER	TIME	PSI/DEG.F	
1972	2:00:53:24	2623.55	
1973	2:00:53:53	2623.90	
1974	2:00:54:22	2624.22	
1975	2:00:54:50	2624.58	
1976	2:00:55:19	2624.86	
1977	2:00:55:48	2625.18	
1978	2:00:56:17	2625.30	
1979	2:00:56:46	2625.42	
1980	2:00:57:14	2625.49	
1981	2:00:57:43	2625.49	
1982	2:00:58:12	2625.53	
1983	2:00:58:41	2625.61	
1984	2:00:59:10	2625.61	
1985	2:00:59:38	2625.65	
1986	2:01:04:44	201.55	T
1987	2:01:09:50	2626.45	
1988	2:01:14:56	2626.65	
1989	2:01:20:02	2626.77	
1990	2:01:25:08	2626.97	
1991	2:01:30:14	2627.01	
1992	2:01:35:20	2627.21	
1993	2:01:40:26	2627.29	
1994	2:01:45:32	2627.45	
1995	2:01:50:38	2627.61	
1996	2:01:55:44	2627.64	
1997	2:02:00:50	2627.49	
1998	2:02:05:56	2627.72	
1999	2:02:11:02	2627.92	
2000	2:02:16:08	2627.96	

EQUATIONS FOR DST LIQUID WELL ANALYSIS

Transmissibility	$\frac{kh}{\mu} = \frac{162.6\ QB}{m}$	$\frac{\text{md-ft}}{\text{cp}}$
Indicated Flow Capacity	$kh = \frac{kh}{\mu}\ \mu$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Damage Ratio	$DR = .183\ \frac{P^* - P_f}{m}$	—
Theoretical Potential w / Damage Removed	$Q_t = Q\ DR$	BPD
Approx. Radius of Investigation	$r_i = 4.63\ \sqrt{kt}$	ft

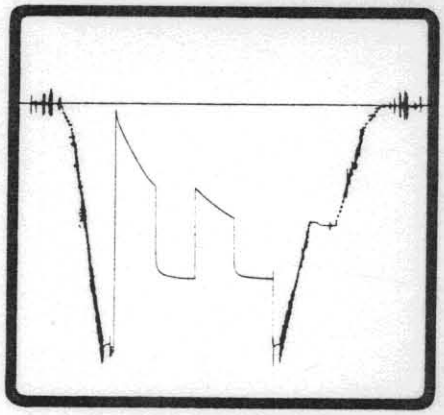
EQUATIONS FOR DST GAS WELL ANALYSIS

Indicated Flow Capacity	$kh = \frac{1637\ Q_g\ T}{m}$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151\ \left[\frac{m(P^*) - m(P_f)}{m} - \text{LOG}\ \frac{kt}{\phi\ \mu\ c_t r_w^2} + 3.23 \right]$	—
Damage Ratio	$DR = \frac{m(P^*) - m(P_f)}{m(P^*) - m(P_f) - 0.87\ mS}$	—
Indicated Flow Rate (Maximum)	$AOF_1 = \frac{Q_g\ m(P^*)}{m(P^*) - m(P_f)}$	MCFD
Indicated Flow Rate (Minimum)	$AOF_2 = Q_g \sqrt{\frac{m(P^*)}{m(P^*) - m(P_f)}}$	MCFD
Approx. Radius of Investigation	$r_i = 0.032 \sqrt{\frac{kt}{\phi \mu c_t}}$	ft

ENCLOSURE. 10

317475 95/85

FORMATION TESTING SERVICE REPORT



ECHO MEMORY GAUGE DATA

LEASE:	YOLLA	WELL #:	1
TEST:	3 (2A)	DATE:	1st OCTOBER, 1985
E.M.R.	61771	E.P.G.	61860
E.M.R.	61772	E.P.G.	62530
E.M.R.	61775	E.P.G.	63148

HALLIBURTON SERVICES

Duncan, Oklahoma 73536

A Halliburton Company

TPR CR-0320 Vol. 2

317476

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUST.
Lease: YOLLA #1
Well # 1
Ticket # 316608
Date: 1 / 10 / 85
E. M. R. 61771 E. P. G. 61860
Test # 3
Start Time : 21: 19: 50

PLOTS

PLOTS FOR E.M.R. 61771 E.P.G. 61860

1.1 TEMPERATURE AND PRESSURE VRS TIME POINTS 1 TO 2000.

1.2 BLOWUP OF PRESSURE VRS TIME FOR FLOW AND BUILDUP PERIODS FOR PERFORATED INTERVAL #1 POINTS 323 TO 1940.

1.3 BLOWUP OF PRESSURE VRS TIME FOR INITIAL FLOW AND BUILDUP FOR PERFORATED INTERVAL POINTS 323 TO 700.

1.4 BLOWUP OF PRESSURE VRS TIME FOR 2ND FLOW AND BUILDUP PERIODS FOR PERFORATED INTERVAL #1 POINTS 698 TO 1940.

1.5 BLOWUP OF PRESSURE VRS TIME FOR INITIAL FLOW AND BUILDUP PERIODS FOR PERFORATED INTERVAL #2 POINTS 1938 TO 2000.

1.6 LOG LOG PLOT FOR 2ND BUILDUP PERIOD FOR PERFORATED INTERVAL #1.

FLOW TIME: 875 MINS

POINTS: 1532 TO 1937.

1.7 HORNER PLOT FOR 2ND BUILDUP PERIOD FOR PERFORATED INTERVAL #1.

FLOW TIME: 875 MINS

POINTS: 1532 TO 1937

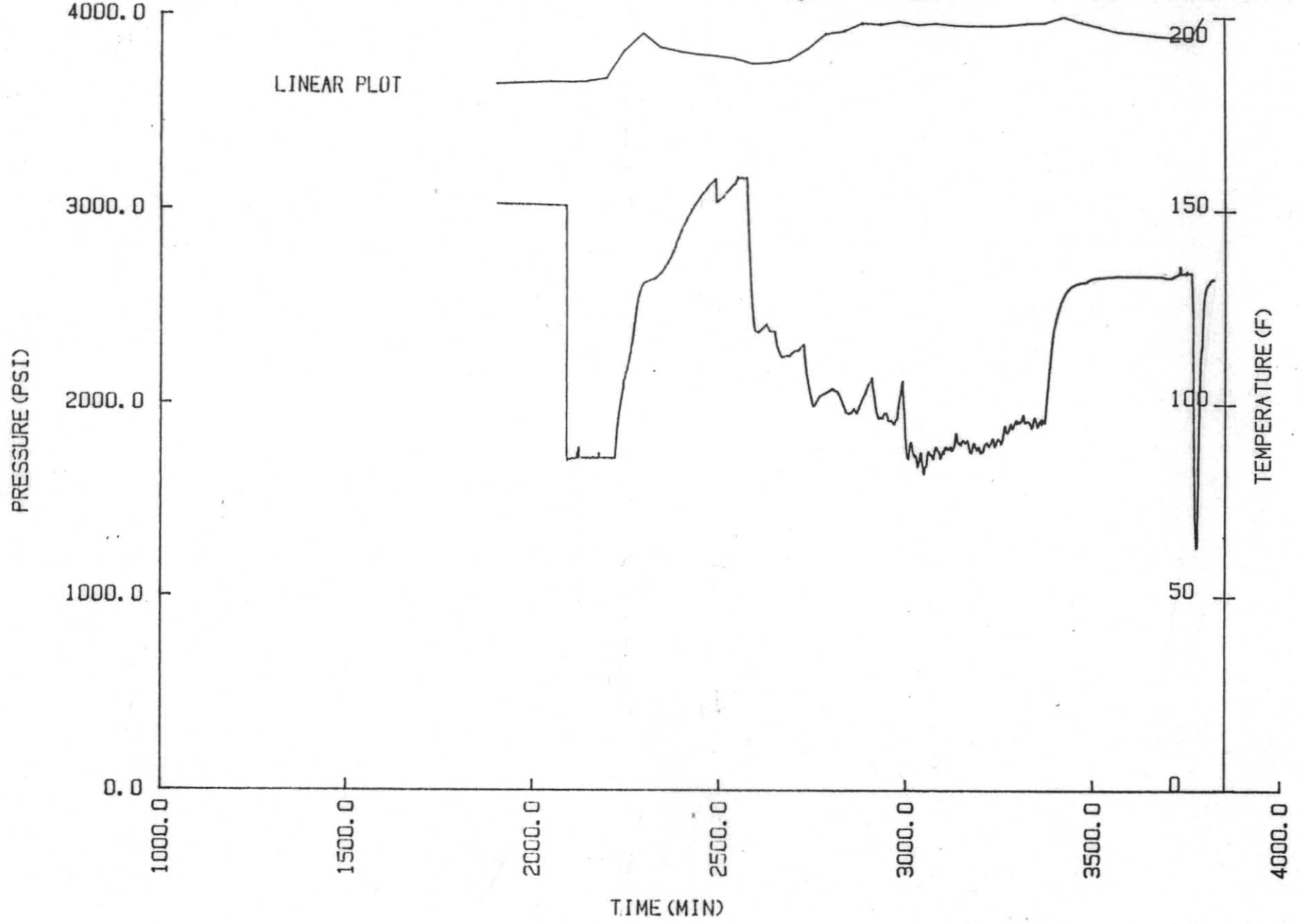
3174178

PLOT 1.1

5 cm

Lease Name YULLA #1 | Well no. 1 | Ticket no. 316608 | Date 1 / 10 / 85

Lease Owner AMOCO AUST. | Test no. 3 | Gauge 61860 EMR 61771 | Start Time 21:19:50



3174179

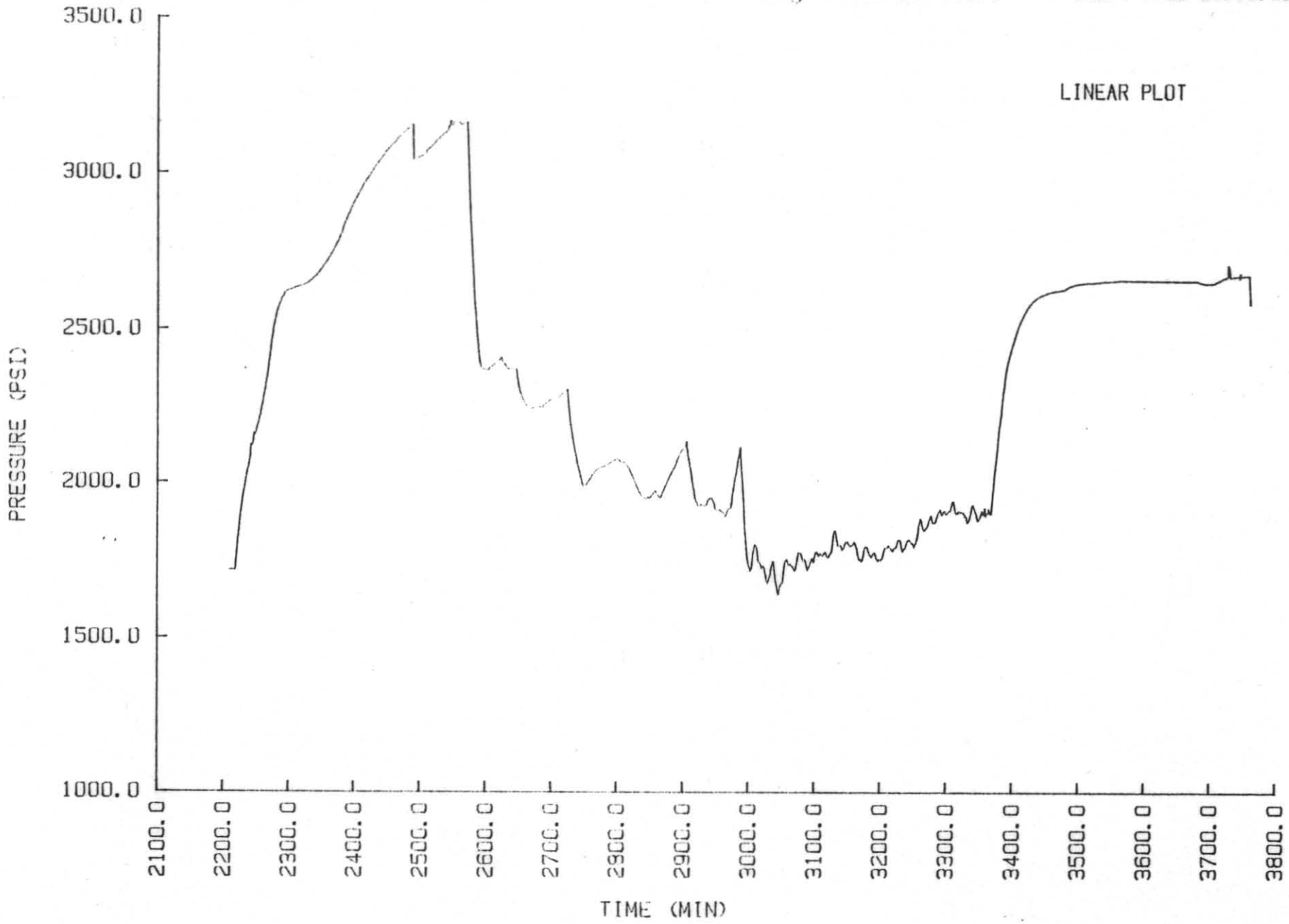
5 cm

Lease Name YULLA #1 Well no. 1 Ticket no. 316608 Date 1 / 10 / 85

Lease Owner ARNOLD AUST. Test no. 3 Gauge 61860 EMR 61771 Start Time 21:19:50

PLOT 1.2

LINEAR PLOT



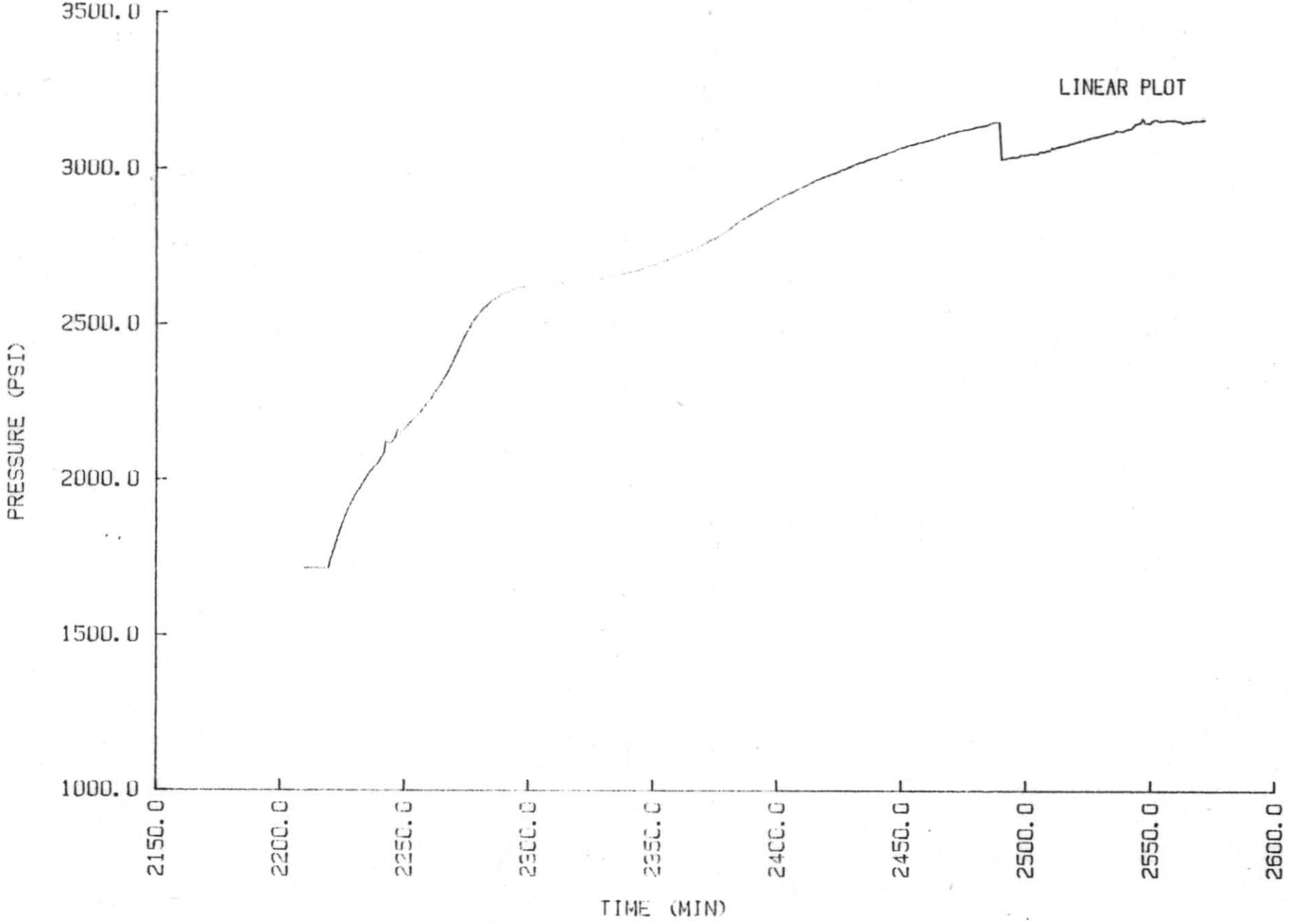
3174480

PLOT 1.3

5 cm

Lease Name YULLA #1 | Well no. 1 | Ticket no. 316608 | Date 1 / 10 / 85

Lease Owner AMOCO AUST. | Test no. 3 | Gauge 61860 EMR 61771 | Start Time 21:19:50



3174181

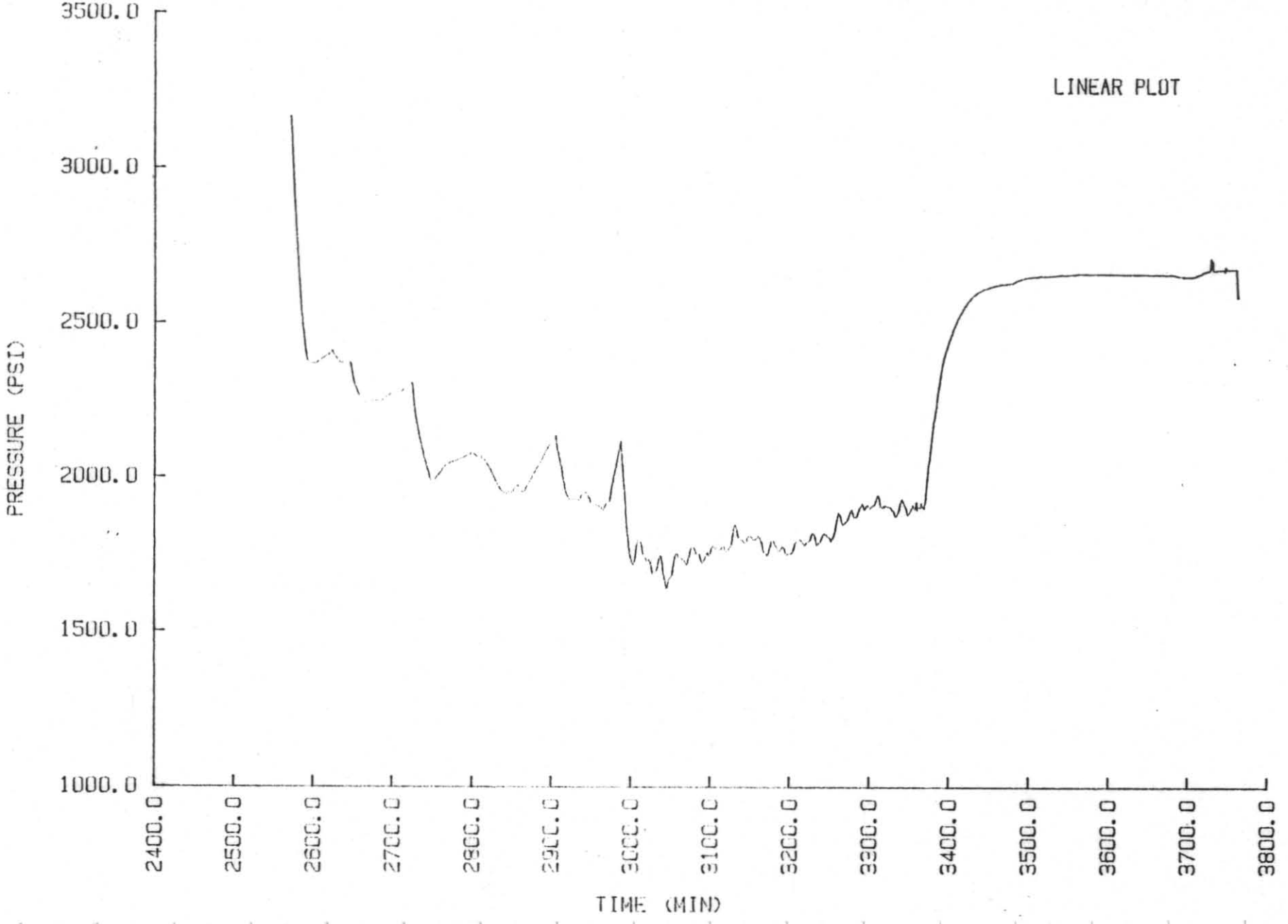
PLOT 1.4

5 cm

Lease Name YOLLA #1 Well no. 1 Ticket no. 316608 Date 1 / 10 / 85

Lease Owner AMOCO AUST. Test no. 5 Gauge 61860 EMR 61771 Start Time 21:19:50

LINEAR PLOT



3174482

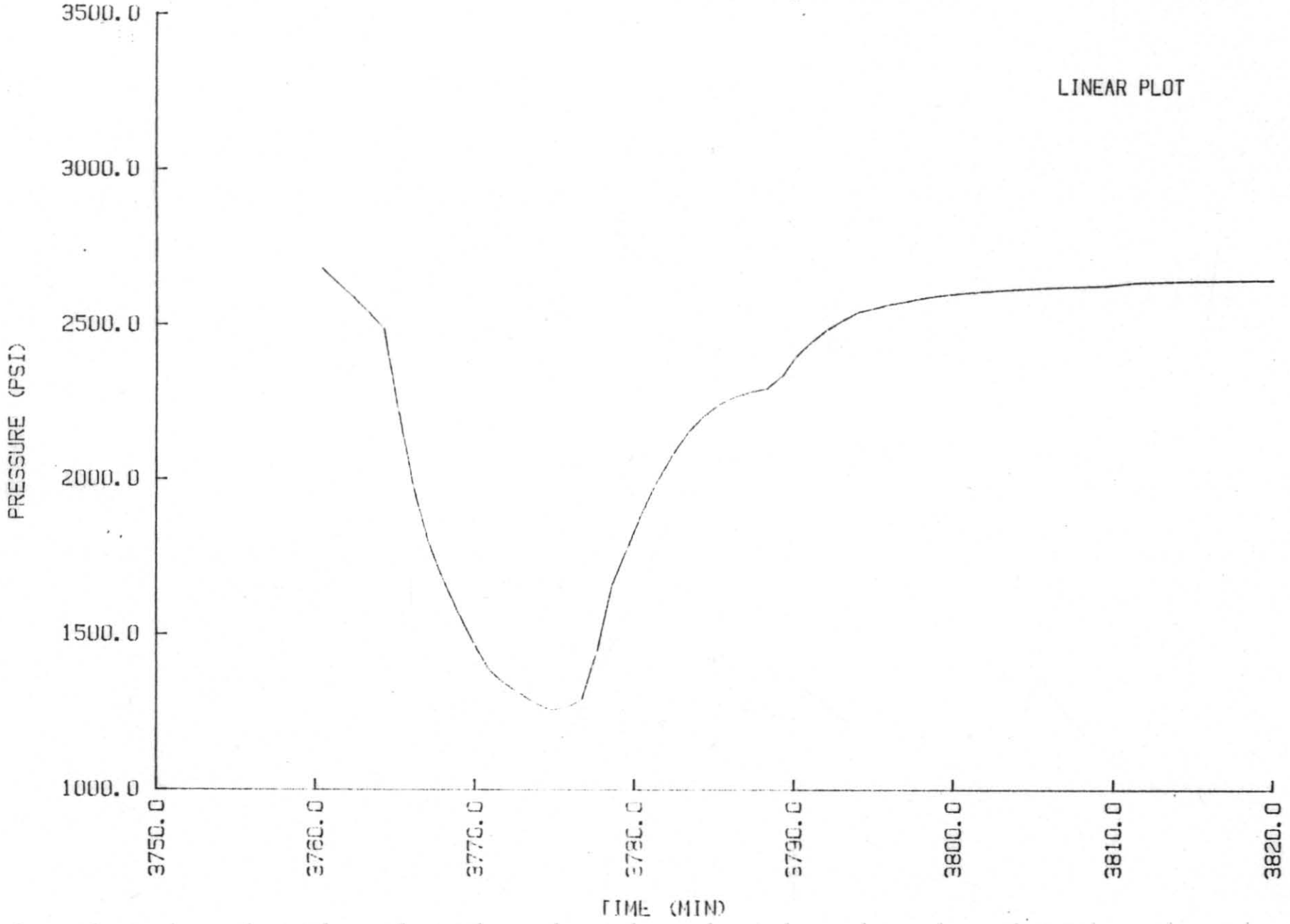
PLOT 1.5

5 cm

Lease Name YULLA #1 Well no. 1 Ticket no. 316608 Date 1 / 10 / 85

Lease Owner AMOCO AUST. Test no. 3 Gauge 61860 EMR 61771 Start Time 21:19:50

LINEAR PLOT

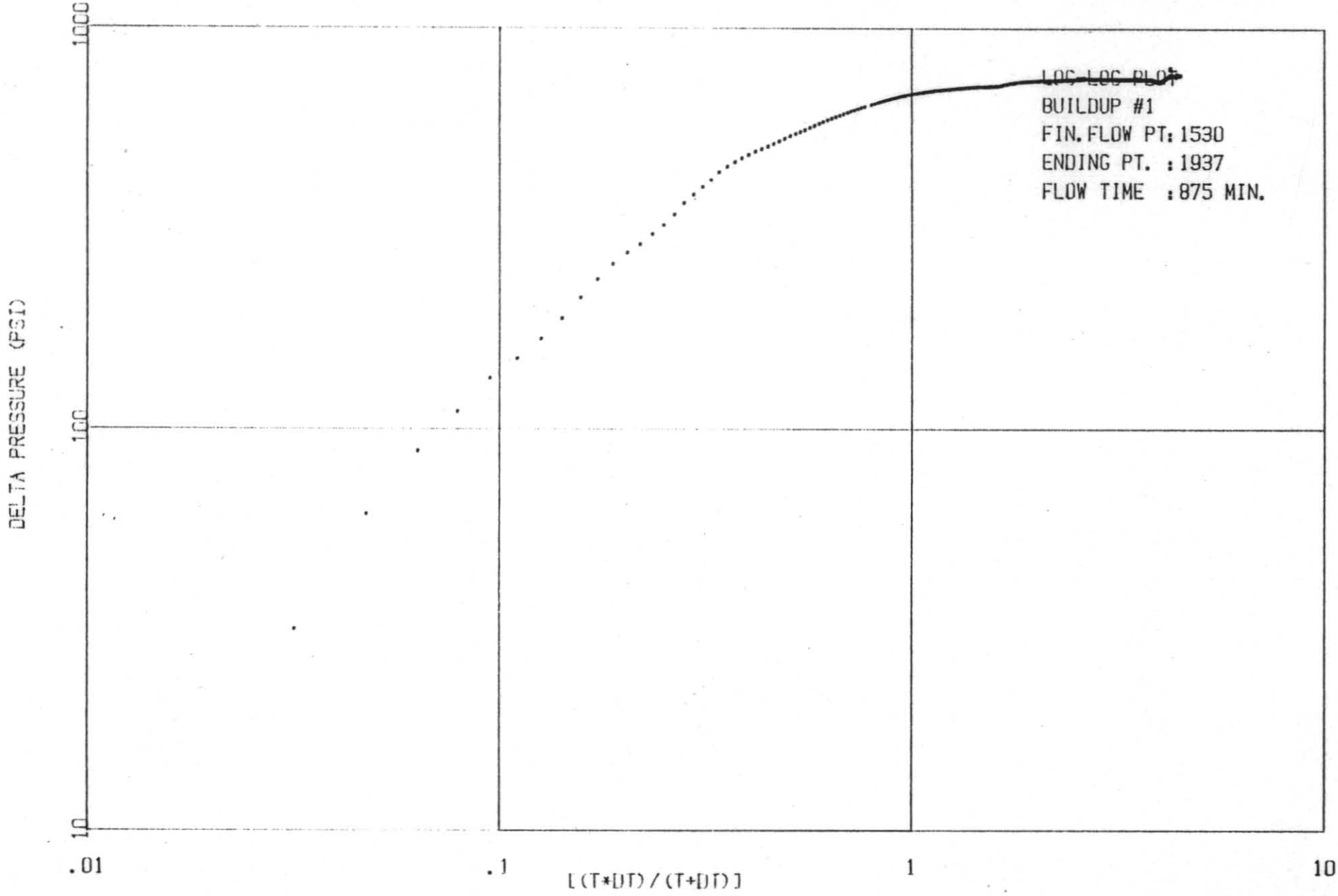


317483

PLOT 1.6

5 cm

Lease Name YULLA #1 | Well no. 1 | Ticket no. 316608 | Date 1/10/85
Lease Owner AMOCO AUST. | Test no. 3 | Gauge no. 61860 | Start Time 21:19:50



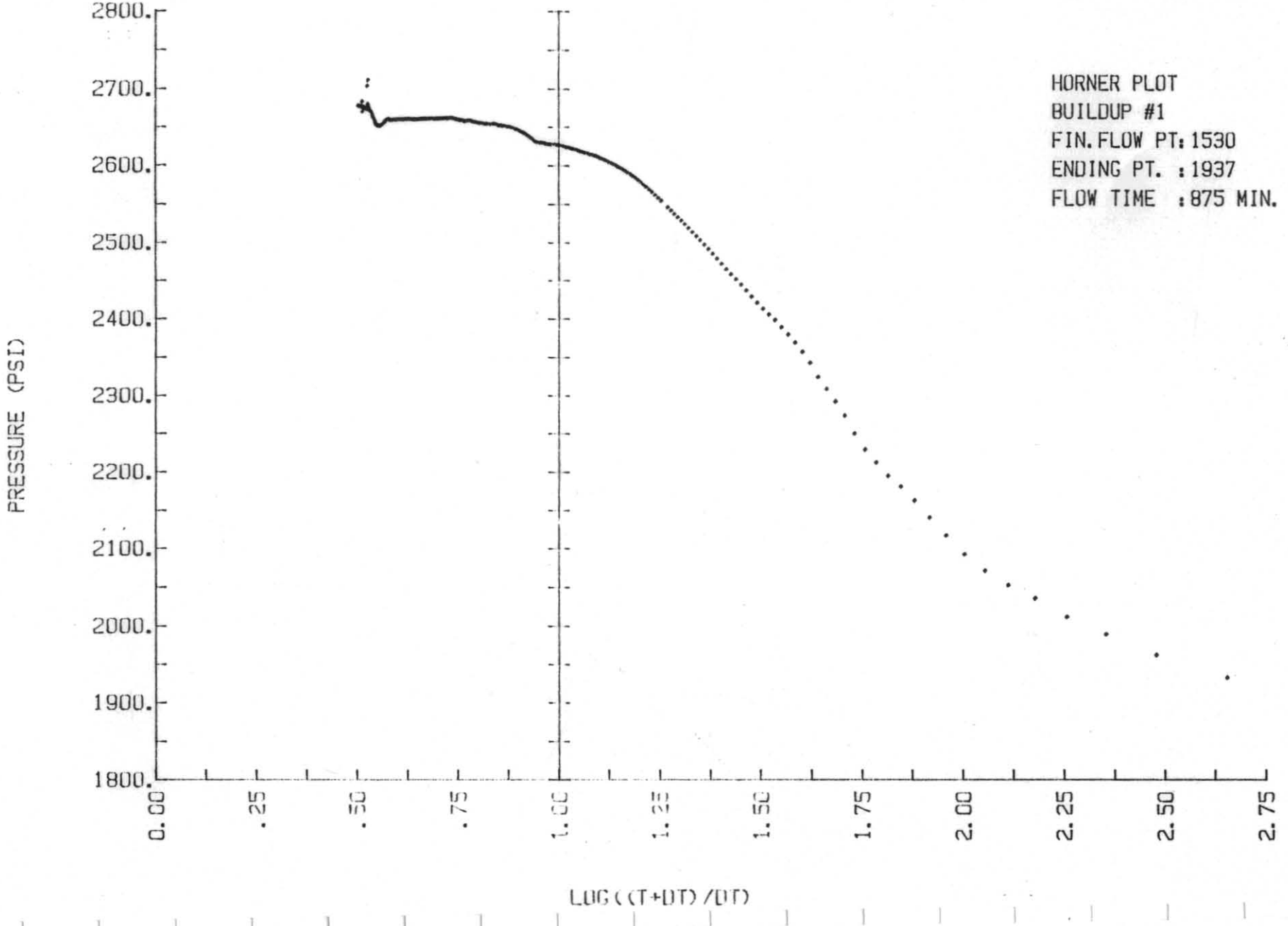
317484

PLOT 1.7

5 cm

Lease Name YULLA #1 | Well no. 1 | Ticket no. 316608 | Date 1/10/85

Lease Owner AMOCO AUST. | Test no. 3 | Gauge no. 61860 | Start Time 21:19:50



317485

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUST.
Lease: YOLLA #1
Well # 1
Ticket # 316608
Date: 1 / 10 / 85
E. M. R. 61771 E. P. G. 61860
Test # 3
Start Time : 21: 19: 50

DATA POINTS

HALLIBURTON SERVICES DRILL STEM TESTING

317486

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
	1:01:45:00				RUN IN HOLE WITH TOOL STRING
1	2:05:00:45	1900.92		182.51	
2	2:05:01:42	1901.88	3023.09		
3	2:05:02:40	1902.84	3023.09		
4	2:05:03:38	1903.80	3023.09		
5	2:05:04:35	1904.76	3023.05		
6	2:05:05:33	1905.72	3023.05		
7	2:05:06:30	1906.68	3023.00		
8	2:05:07:28	1907.64	3022.96		
9	2:05:08:26	1908.60	3022.96		
10	2:05:09:23	1909.56	3022.91		
11	2:05:10:21	1910.52	3022.91		
12	2:05:11:18	1911.48	3022.87		
13	2:05:12:16	1912.44	3022.83		
14	2:05:13:14	1913.40	3022.83		
15	2:05:14:11	1914.36	3022.83		
16	2:05:15:09	1915.32	3022.78		
17	2:05:16:06	1916.28	3022.78		
18	2:05:17:04	1917.24	3022.74		
19	2:05:18:02	1918.20	3022.74		
20	2:05:18:59	1919.16	3022.70		
21	2:05:19:57	1920.12	3022.65		
22	2:05:20:54	1921.08	3022.70		
23	2:05:21:52	1922.04	3022.70		
24	2:05:22:50	1923.00	3022.65		
25	2:05:23:47	1923.96	3022.65		
26	2:05:24:45	1924.92	3022.61		
27	2:05:25:42	1925.88	3022.56		
28	2:05:26:40	1926.84	3022.52		
29	2:05:27:38	1927.80	3022.52		
30	2:05:28:35	1928.76	3022.48		
31	2:05:29:33	1929.72	3022.48		
32	2:05:30:30	1930.68	3022.43		
33	2:05:31:28	1931.64	3022.39		
34	2:05:32:26	1932.60	3022.34		
35	2:05:33:23	1933.56	3022.34		
36	2:05:34:21	1934.52	3022.30		
37	2:05:35:18	1935.48	3022.26		
38	2:05:36:16	1936.44	3022.26		
39	2:05:37:14	1937.40	3022.26		
40	2:05:38:11	1938.36	3022.21		
41	2:05:39:09	1939.32	3022.17		
42	2:05:40:06	1940.28	3022.13		
43	2:05:41:04	1941.24	3022.08		
44	2:05:42:02	1942.20	3022.08		
45	2:05:42:59	1943.16	3022.04		
46	2:05:43:57	1944.12	3021.99		
47	2:05:44:54	1945.08	3021.99		
48	2:05:45:52	1946.04	3021.95		
49	2:05:46:50	1947.00	3021.95		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317487

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
50	2:05:47:47	1947.96	3021.91		
51	2:05:48:45	1948.92	3021.86		
52	2:05:49:42	1949.88		182.73	
53	2:05:50:40	1950.84	3021.92		
54	2:05:51:38	1951.80	3021.87		
55	2:05:52:35	1952.76	3021.87		
56	2:05:53:33	1953.72	3021.83		
57	2:05:54:30	1954.68	3021.79		
58	2:05:55:28	1955.64	3021.74		
59	2:05:56:26	1956.60	3021.70		
60	2:05:57:23	1957.56	3021.70		
61	2:05:58:21	1958.52	3021.61		
62	2:05:59:18	1959.48	3021.57		
63	2:06:00:16	1960.44	3021.57		
64	2:06:01:14	1961.40	3021.52		
65	2:06:02:11	1962.36	3021.52		
66	2:06:03:09	1963.32	3021.48		
67	2:06:04:06	1964.28	3021.44		
68	2:06:05:04	1965.24	3021.39		
69	2:06:06:02	1966.20	3021.35		
70	2:06:06:59	1967.16	3021.30		
71	2:06:07:57	1968.12	3021.30		
72	2:06:08:54	1969.08	3021.22		
73	2:06:09:52	1970.04	3021.22		
74	2:06:10:50	1971.00	3021.13		
75	2:06:11:47	1971.96	3021.13		
76	2:06:12:45	1972.92	3021.04		
77	2:06:13:42	1973.88	3021.00		
78	2:06:14:40	1974.84	3021.00		
79	2:06:15:38	1975.80	3020.91		
80	2:06:16:35	1976.76	3020.87		
81	2:06:17:33	1977.72	3020.82		
82	2:06:18:30	1978.68	3020.73		
83	2:06:19:28	1979.64	3020.73		
84	2:06:20:26	1980.60	3020.69		
85	2:06:21:23	1981.56	3020.65		
86	2:06:22:21	1982.52	3020.60		
87	2:06:23:18	1983.48	3020.56		
88	2:06:24:16	1984.44	3020.51		
89	2:06:25:14	1985.40	3020.47		
90	2:06:26:11	1986.36	3020.43		
91	2:06:27:09	1987.32	3020.34		
92	2:06:28:06	1988.28	3020.30		
93	2:06:29:04	1989.24	3020.25		
94	2:06:30:02	1990.20	3020.25		
95	2:06:30:59	1991.16	3020.16		
96	2:06:31:57	1992.12	3020.12		
97	2:06:32:54	1993.08	3020.08		
98	2:06:33:52	1994.04	3020.03		
99	2:06:34:50	1995.00	3019.99		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317488

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
100	2:06:35:47	1995.96	3019.94		
101	2:06:36:45	1996.92	3019.86		
102	2:06:37:42	1997.88	3019.81		
103	2:06:38:40	1998.84		182.93	
104	2:06:39:38	1999.80	3019.85		
105	2:06:40:35	2000.76	3019.81		
106	2:06:41:33	2001.72	3019.77		
107	2:06:42:30	2002.68	3019.72		
108	2:06:43:28	2003.64	3019.63		
109	2:06:44:26	2004.60	3019.63		
110	2:06:45:23	2005.56	3019.59		
111	2:06:46:21	2006.52	3019.50		
112	2:06:47:18	2007.48	3019.46		
113	2:06:48:16	2008.44	3019.37		
114	2:06:49:14	2009.40	3019.33		
115	2:06:50:11	2010.36	3019.28		
116	2:06:51:09	2011.32	3019.24		
117	2:06:52:06	2012.28	3019.15		
118	2:06:53:04	2013.24	3019.11		
119	2:06:54:02	2014.20	3019.11		
120	2:06:54:59	2015.16	3019.02		
121	2:06:55:57	2016.12	3018.98		
122	2:06:56:54	2017.08	3018.89		
123	2:06:57:52	2018.04	3018.85		
124	2:06:58:50	2019.00	3018.85		
125	2:06:59:47	2019.96	3018.80		
126	2:07:00:45	2020.92	3018.76		
127	2:07:01:42	2021.88	3018.71		
128	2:07:02:40	2022.84	3018.67		
129	2:07:03:38	2023.80	3018.63		
130	2:07:04:35	2024.76	3018.58		
131	2:07:05:33	2025.72	3018.58		
132	2:07:06:30	2026.68	3018.49		
133	2:07:07:28	2027.64	3018.49		
134	2:07:08:26	2028.60	3018.45		
135	2:07:09:23	2029.56	3018.36		
136	2:07:10:21	2030.52	3018.36		
137	2:07:11:18	2031.48	3018.28		
138	2:07:12:16	2032.44	3018.19		
139	2:07:13:14	2033.40	3018.14		
140	2:07:14:11	2034.36	3018.06		
141	2:07:15:09	2035.32	3018.01		
142	2:07:16:06	2036.28	3017.97		
143	2:07:17:04	2037.24	3017.92		
144	2:07:18:02	2038.20	3017.88		
145	2:07:18:59	2039.16	3017.84		
146	2:07:19:57	2040.12	3017.79		
147	2:07:20:54	2041.08	3017.75		
148	2:07:21:52	2042.04	3017.66		
149	2:07:22:50	2043.00	3017.62		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317489

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
150	2:07:23:47	2043.96	3017.62		
151	2:07:24:45	2044.92	3017.57		
152	2:07:25:42	2045.88	3017.49		
153	2:07:26:40	2046.84	3017.40		
154	2:07:27:38	2047.80		183.13	
155	2:07:28:35	2048.76	3017.44		
156	2:07:29:33	2049.72	3017.35		
157	2:07:30:30	2050.68	3017.35		
158	2:07:31:28	2051.64	3017.31		
159	2:07:32:26	2052.60	3017.22		
160	2:07:33:23	2053.56	3017.18		
161	2:07:34:21	2054.52	3017.09		
162	2:07:35:18	2055.48	3017.05		
163	2:07:36:16	2056.44	3016.96		
164	2:07:37:14	2057.40	3016.91		
165	2:07:38:11	2058.36	3016.87		
166	2:07:39:09	2059.32	3016.83		
167	2:07:40:06	2060.28	3016.78		
168	2:07:41:04	2061.24	3016.69		
169	2:07:42:02	2062.20	3016.69		
170	2:07:42:59	2063.16	3016.61		
171	2:07:43:57	2064.12	3016.52		
172	2:07:44:54	2065.08	3016.52		
173	2:07:45:52	2066.04	3016.43		
174	2:07:46:50	2067.00	3016.34		
175	2:07:47:47	2067.96	3016.30		
176	2:07:48:45	2068.92	3016.26		
177	2:07:49:42	2069.88	3016.21		
178	2:07:50:40	2070.84	3016.17		
179	2:07:51:38	2071.80	3016.08		
180	2:07:52:35	2072.76	3016.04		
181	2:07:53:33	2073.72	3015.99		
182	2:07:54:30	2074.68	3015.86		
183	2:07:55:28	2075.64	3015.82		
184	2:07:56:26	2076.60	3015.77		
185	2:07:57:23	2077.56	3015.73		
186	2:07:58:21	2078.52	3015.64		
187	2:07:59:18	2079.48	3015.60		
188	2:08:00:16	2080.44	3015.16		
189	2:08:01:14	2081.40	3015.07		
190	2:08:02:11	2082.36	3014.98		
191	2:08:03:09	2083.32	3014.90		
192	2:08:04:06	2084.28	3014.81		
193	2:08:05:04	2085.24	3014.77		
194	2:08:06:02	2086.20	3014.68		
195	2:08:06:59	2087.16	3014.55		
196	2:08:07:57	2088.12	3014.42		
197	2:08:08:54	2089.08	3014.37		
	2:08:09:30				OPEN LPR TESTER
198	2:08:09:52	2090.04	1818.28		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317490

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
199	2:08:10:50	2091.00	1700.07		
200	2:08:11:47	2091.96	1707.54		
201	2:08:12:45	2092.92	1707.45		
202	2:08:13:42	2093.88	1708.00		
203	2:08:14:40	2094.84	1708.05		
204	2:08:15:38	2095.80	1708.17		
205	2:08:16:35	2096.76		182.94	
206	2:08:17:33	2097.72	1708.24		
207	2:08:18:30	2098.68	1707.95		
208	2:08:19:28	2099.64	1708.41		
209	2:08:20:26	2100.60	1708.41		
210	2:08:21:23	2101.56	1709.26		
211	2:08:22:21	2102.52	1711.43		
212	2:08:23:18	2103.48	1711.17		
213	2:08:24:16	2104.44	1711.51		
214	2:08:25:14	2105.40	1711.77		
215	2:08:26:11	2106.36	1712.11		
216	2:08:27:09	2107.32	1712.36		
217	2:08:28:06	2108.28	1712.57		
218	2:08:29:04	2109.24	1712.87		
219	2:08:30:02	2110.20	1713.17		
220	2:08:30:59	2111.16	1713.38		
221	2:08:31:57	2112.12	1713.59		
222	2:08:32:54	2113.08	1713.97		
223	2:08:33:52	2114.04	1714.14		
224	2:08:34:50	2115.00	1714.10		
225	2:08:35:47	2115.96	1714.61		
226	2:08:36:45	2116.92	1714.65		
227	2:08:37:42	2117.88	1715.76		
228	2:08:38:40	2118.84	1741.92		
229	2:08:39:38	2119.80	1743.67		
230	2:08:40:35	2120.76	1714.36		
231	2:08:41:33	2121.72	1724.08		
232	2:08:42:30	2122.68	1768.45		
233	2:08:43:28	2123.64	1711.64		
234	2:08:44:26	2124.60	1716.06		
235	2:08:45:23	2125.56	1715.72		
236	2:08:46:21	2126.52	1715.63		
237	2:08:47:18	2127.48	1714.70		
238	2:08:48:16	2128.44	1716.14		
239	2:08:49:14	2129.40	1715.46		
240	2:08:50:11	2130.36	1715.89		
241	2:08:51:09	2131.32	1714.10		
242	2:08:52:06	2132.28	1715.46		
243	2:08:53:04	2133.24	1715.89		
244	2:08:54:02	2134.20	1716.14		
245	2:08:54:59	2135.16	1716.35		
246	2:08:55:57	2136.12	1714.02		
247	2:08:56:54	2137.08	1714.70		
248	2:08:57:52	2138.04	1714.82		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317491

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
249	2:08:58:50	2139.00	1714.99		
250	2:08:59:47	2139.96	1716.44		
251	2:09:00:45	2140.92	1715.93		
252	2:09:01:42	2141.88	1713.34		
253	2:09:02:40	2142.84	1714.23		
254	2:09:03:38	2143.80	1713.72		
255	2:09:04:35	2144.76	1713.46		
256	2:09:05:33	2145.72		183.27	
257	2:09:06:30	2146.68	1715.88		
258	2:09:07:28	2147.64	1714.22		
259	2:09:08:26	2148.60	1717.24		
260	2:09:09:23	2149.56	1711.38		
261	2:09:10:21	2150.52	1715.03		
262	2:09:11:18	2151.48	1710.49		
263	2:09:12:16	2152.44	1711.55		
264	2:09:13:14	2153.40	1712.65		
265	2:09:14:11	2154.36	1713.37		
266	2:09:15:09	2155.32	1715.12		
267	2:09:16:06	2156.28	1714.18		
268	2:09:17:04	2157.24	1713.12		
269	2:09:18:02	2158.20	1713.46		
270	2:09:18:59	2159.16	1715.71		
271	2:09:19:57	2160.12	1719.23		
272	2:09:20:54	2161.08	1715.37		
273	2:09:21:52	2162.04	1715.37		
274	2:09:22:50	2163.00	1715.16		
275	2:09:23:47	2163.96	1715.07		
276	2:09:24:45	2164.92	1715.29		
277	2:09:25:42	2165.88	1715.41		
278	2:09:26:40	2166.84	1715.54		
279	2:09:27:38	2167.80	1714.78		
280	2:09:28:35	2168.76	1713.63		
281	2:09:29:33	2169.72	1713.25		
282	2:09:30:30	2170.68	1714.01		
283	2:09:31:28	2171.64	1713.25		
284	2:09:32:26	2172.60	1713.67		
285	2:09:33:23	2173.56	1712.82		
286	2:09:34:21	2174.52	1712.86		
287	2:09:35:18	2175.48	1712.61		
288	2:09:36:16	2176.44	1737.97		
289	2:09:37:14	2177.40	1714.99		
290	2:09:38:11	2178.36	1714.44		
291	2:09:39:09	2179.32	1714.39		
292	2:09:40:06	2180.28	1714.61		
293	2:09:41:04	2181.24	1714.35		
294	2:09:42:02	2182.20	1714.48		
295	2:09:42:59	2183.16	1714.22		
296	2:09:43:57	2184.12	1714.82		
297	2:09:44:54	2185.08	1714.61		
298	2:09:45:52	2186.04	1714.65		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317492

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
299	2:09:46:50	2187.00	1714.99		
300	2:09:47:47	2187.96	1715.16		
301	2:09:48:45	2188.92	1714.95		
302	2:09:49:42	2189.88	1714.56		
303	2:09:50:40	2190.84	1714.14		
304	2:09:51:38	2191.80	1715.24		
305	2:09:52:35	2192.76	1714.86		
306	2:09:53:33	2193.72	1715.29		
307	2:09:54:30	2194.68		183.98	
308	2:09:55:28	2195.64	1715.65		
309	2:09:56:26	2196.60	1715.87		
310	2:09:57:23	2197.56	1715.82		
311	2:09:58:21	2198.52	1715.57		
312	2:09:59:18	2199.48	1715.70		
313	2:10:00:16	2200.44	1715.70		
314	2:10:01:14	2201.40	1715.10		
315	2:10:02:11	2202.36	1713.53		
316	2:10:03:09	2203.32	1714.21		
317	2:10:04:06	2204.28	1713.83		
318	2:10:05:04	2205.24	1714.76		
319	2:10:06:02	2206.20	1715.74		
320	2:10:06:59	2207.16	1714.21		
321	2:10:07:57	2208.12	1715.06		
322	2:10:08:54	2209.08	1715.65		
323	2:10:09:52	2210.04	1714.42		
324	2:10:10:50	2211.00	1713.79		
325	2:10:11:47	2211.96	1715.06		
326	2:10:12:45	2212.92	1714.08		
327	2:10:13:42	2213.88	1715.57		
328	2:10:14:40	2214.84	1716.33		
329	2:10:15:38	2215.80	1713.91		
330	2:10:16:35	2216.76	1713.74		
331	2:10:17:33	2217.72	1715.65		
332	2:10:18:30	2218.68	1714.55		
333	2:10:19:28	2219.64	1714.42		
	2:10:19:30				PERFORATE INTERVAL#1
334	2:10:20:26	2220.60	1745.26		
	2:10:19:30				6014.4 FT TO 6016.4 FT
335	2:10:21:23	2221.56	1769.40		
	2:10:19:30				INITIAL FLOW & BUILDUP PERIOD
336	2:10:22:21	2222.52	1793.94		
337	2:10:23:18	2223.48	1818.06		
338	2:10:24:16	2224.44	1841.10		
339	2:10:25:14	2225.40	1861.50		
340	2:10:26:11	2226.36	1882.81		
341	2:10:27:09	2227.32	1901.78		
342	2:10:28:06	2228.28	1917.74		
343	2:10:29:04	2229.24	1933.27		
344	2:10:30:02	2230.20	1948.04		
345	2:10:30:59	2231.16	1959.91		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317493

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
346	2:10:31:57	2232.12	1971.49		
347	2:10:32:54	2233.08	1983.79		
348	2:10:33:52	2234.04	1997.56		
349	2:10:34:50	2235.00	2008.93		
350	2:10:35:47	2235.96	2021.50		
351	2:10:36:45	2236.92	2029.89		
352	2:10:37:42	2237.88	2039.81		
353	2:10:38:40	2238.84	2046.06		
354	2:10:39:38	2239.80	2056.80		
355	2:10:40:35	2240.76	2069.82		
356	2:10:41:33	2241.72	2079.67		
357	2:10:42:30	2242.68	2120.90		
358	2:10:43:28	2243.64		191.00	
359	2:10:44:26	2244.60	2115.90		
360	2:10:45:23	2245.56	2124.25		
361	2:10:46:21	2246.52	2136.64		
362	2:10:47:18	2247.48	2158.68		
363	2:10:48:16	2248.44	2151.56		
364	2:10:49:14	2249.40	2157.99		
365	2:10:50:11	2250.36	2164.98		
366	2:10:51:09	2251.32	2172.40		
367	2:10:52:06	2252.28	2181.63		
368	2:10:53:04	2253.24	2189.61		
369	2:10:54:02	2254.20	2196.30		
370	2:10:54:59	2255.16	2205.88		
371	2:10:55:57	2256.12	2213.74		
372	2:10:56:54	2257.08	2222.84		
373	2:10:57:52	2258.04	2233.37		
374	2:10:58:50	2259.00	2244.67		
375	2:10:59:47	2259.96	2253.18		
376	2:11:00:45	2260.92	2262.59		
377	2:11:01:42	2261.88	2277.39		
378	2:11:02:40	2262.84	2287.41		
379	2:11:03:38	2263.80	2298.34		
380	2:11:04:35	2264.76	2309.79		
381	2:11:05:33	2265.72	2323.18		
382	2:11:06:30	2266.68	2335.36		
383	2:11:07:28	2267.64	2348.46		
384	2:11:08:26	2268.60	2364.23		
385	2:11:09:23	2269.56	2380.01		
386	2:11:10:21	2270.52	2396.36		
387	2:11:11:18	2271.48	2412.93		
388	2:11:12:16	2272.44	2429.03		
389	2:11:13:14	2273.40	2447.25		
390	2:11:14:11	2274.36	2462.89		
391	2:11:15:09	2275.32	2476.42		
392	2:11:16:06	2276.28	2489.52		
393	2:11:17:04	2277.24	2504.13		
394	2:11:18:02	2278.20	2515.17		
395	2:11:18:59	2279.16	2525.38		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317494

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
396	2:11:19:57	2280.12	2534.81		
397	2:11:20:54	2281.08	2544.73		
398	2:11:21:52	2282.04	2553.13		
399	2:11:22:50	2283.00	2559.75		
400	2:11:23:47	2283.96	2567.12		
401	2:11:24:45	2284.92	2574.53		
402	2:11:25:42	2285.88	2580.16		
403	2:11:26:40	2286.84	2583.58		
404	2:11:27:38	2287.80	2588.74		
405	2:11:28:35	2288.76	2595.11		
406	2:11:29:33	2289.72	2599.58		
407	2:11:30:30	2290.68	2603.57		
408	2:11:31:28	2291.64	2603.87		
409	2:11:32:26	2292.60		195.38	
410	2:11:33:23	2293.56	2613.63		
411	2:11:34:21	2294.52	2616.45		
412	2:11:35:18	2295.48	2619.06		
413	2:11:36:16	2296.44	2620.96		
414	2:11:37:14	2297.40	2622.70		
415	2:11:38:11	2298.36	2623.65		
416	2:11:39:09	2299.32	2624.78		
417	2:11:40:06	2300.28	2625.65		
418	2:11:41:04	2301.24	2625.95		
419	2:11:42:02	2302.20	2626.38		
420	2:11:42:59	2303.16	2627.43		
421	2:11:43:57	2304.12	2627.56		
422	2:11:44:54	2305.08	2628.38		
423	2:11:45:52	2306.04	2629.64		
424	2:11:46:50	2307.00	2631.07		
425	2:11:47:47	2307.96	2631.59		
426	2:11:48:45	2308.92	2632.80		
427	2:11:49:42	2309.88	2633.76		
428	2:11:50:40	2310.84	2634.54		
429	2:11:51:38	2311.80	2635.19		
430	2:11:52:35	2312.76	2635.84		
431	2:11:53:33	2313.72	2636.32		
432	2:11:54:30	2314.68	2636.92		
433	2:11:55:28	2315.64	2637.49		
434	2:11:56:26	2316.60	2638.10		
435	2:11:57:23	2317.56	2638.79		
436	2:11:58:21	2318.52	2639.18		
437	2:11:59:18	2319.48	2639.66		
438	2:12:00:16	2320.44	2640.22		
439	2:12:01:14	2321.40	2641.05		
440	2:12:02:11	2322.36	2641.96		
441	2:12:03:09	2323.32	2642.78		
442	2:12:04:06	2324.28	2643.82		
443	2:12:05:04	2325.24	2644.99		
444	2:12:06:02	2326.20	2646.08		
445	2:12:06:59	2327.16	2647.29		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317495

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
446	2:12:07:57	2328.12	2648.60		
447	2:12:08:54	2329.08	2650.12		
448	2:12:09:52	2330.04	2651.50		
449	2:12:10:50	2331.00	2653.15		
450	2:12:11:47	2331.96	2654.67		
451	2:12:12:45	2332.92	2656.37		
452	2:12:13:42	2333.88	2658.06		
453	2:12:14:40	2334.84	2659.79		
454	2:12:15:38	2335.80	2661.57		
455	2:12:16:35	2336.76	2663.61		
456	2:12:17:33	2337.72	2665.44		
457	2:12:18:30	2338.68	2667.74		
458	2:12:19:28	2339.64	2669.61		
459	2:12:20:26	2340.60	2671.52		
460	2:12:21:23	2341.56		191.78	
461	2:12:22:21	2342.52	2673.86		
462	2:12:23:18	2343.48	2676.51		
463	2:12:24:16	2344.44	2678.94		
464	2:12:25:14	2345.40	2681.33		
465	2:12:26:11	2346.36	2683.94		
466	2:12:27:09	2347.32	2687.07		
467	2:12:28:06	2348.28	2690.24		
468	2:12:29:04	2349.24	2693.06		
469	2:12:30:02	2350.20	2695.32		
470	2:12:30:59	2351.16	2697.80		
471	2:12:31:57	2352.12	2701.10		
472	2:12:32:54	2353.08	2704.28		
473	2:12:33:52	2354.04	2707.36		
474	2:12:34:50	2355.00	2710.19		
475	2:12:35:47	2355.96	2712.27		
476	2:12:36:45	2356.92	2714.80		
477	2:12:37:42	2357.88	2718.54		
478	2:12:38:40	2358.84	2720.32		
479	2:12:39:38	2359.80	2723.28		
480	2:12:40:35	2360.76	2726.89		
481	2:12:41:33	2361.72	2730.28		
482	2:12:42:30	2362.68	2733.63		
483	2:12:43:28	2363.64	2736.32		
484	2:12:44:26	2364.60	2740.15		
485	2:12:45:23	2365.56	2743.29		
486	2:12:46:21	2366.52	2747.33		
487	2:12:47:18	2367.48	2750.47		
488	2:12:48:16	2368.44	2754.30		
489	2:12:49:14	2369.40	2757.69		
490	2:12:50:11	2370.36	2762.39		
491	2:12:51:09	2371.32	2766.74		
492	2:12:52:06	2372.28	2770.66		
493	2:12:53:04	2373.24	2776.11		
494	2:12:54:02	2374.20	2780.20		
495	2:12:54:59	2375.16	2781.86		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317496

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
496	2:12:55:57	2376.12	2786.56		
497	2:12:56:54	2377.08	2790.87		
498	2:12:57:52	2378.04	2795.62		
499	2:12:58:50	2379.00	2799.85		
500	2:12:59:47	2379.96	2805.90		
501	2:13:00:45	2380.92	2809.74		
502	2:13:01:42	2381.88	2816.32		
503	2:13:02:40	2382.84	2822.99		
504	2:13:03:38	2383.80	2829.97		
505	2:13:04:35	2384.76	2836.03		
506	2:13:05:33	2385.72	2840.61		
507	2:13:06:30	2386.68	2844.14		
508	2:13:07:28	2387.64	2848.81		
509	2:13:08:26	2388.60	2853.39		
510	2:13:09:23	2389.56	2858.37		
511	2:13:10:21	2390.52		190.77	
512	2:13:11:18	2391.48	2867.38		
513	2:13:12:16	2392.44	2872.40		
514	2:13:13:14	2393.40	2876.73		
515	2:13:14:11	2394.36	2880.74		
516	2:13:15:09	2395.32	2885.85		
517	2:13:16:06	2396.28	2889.96		
518	2:13:17:04	2397.24	2893.98		
519	2:13:18:02	2398.20	2898.26		
520	2:13:18:59	2399.16	2903.24		
521	2:13:19:57	2400.12	2907.82		
522	2:13:20:54	2401.08	2911.06		
523	2:13:21:52	2402.04	2914.60		
524	2:13:22:50	2403.00	2918.75		
525	2:13:23:47	2403.96	2923.12		
526	2:13:24:45	2404.92	2925.26		
527	2:13:25:42	2405.88	2928.37		
528	2:13:26:40	2406.84	2932.56		
529	2:13:27:38	2407.80	2935.97		
530	2:13:28:35	2408.76	2940.08		
531	2:13:29:33	2409.72	2944.06		
532	2:13:30:30	2410.68	2947.17		
533	2:13:31:28	2411.64	2951.11		
534	2:13:32:26	2412.60	2954.56		
535	2:13:33:23	2413.56	2958.89		
536	2:13:34:21	2414.52	2963.05		
537	2:13:35:18	2415.48	2967.29		
538	2:13:36:16	2416.44	2970.23		
539	2:13:37:14	2417.40	2972.46		
540	2:13:38:11	2418.36	2976.05		
541	2:13:39:09	2419.32	2979.72		
542	2:13:40:06	2420.28	2982.04		
543	2:13:41:04	2421.24	2984.72		
544	2:13:42:02	2422.20	2988.48		
545	2:13:42:59	2423.16	2990.06		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317497

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
546	2:13:43:57	2424.12	2992.64		
547	2:13:44:54	2425.08	2996.63		
548	2:13:45:52	2426.04	3001.22		
549	2:13:46:50	2427.00	3003.15		
550	2:13:47:47	2427.96	3006.26		
551	2:13:48:45	2428.92	3009.94		
552	2:13:49:42	2429.88	3012.35		
553	2:13:50:40	2430.84	3016.21		
554	2:13:51:38	2431.80	3020.15		
555	2:13:52:35	2432.76	3023.13		
556	2:13:53:33	2433.72	3025.85		
557	2:13:54:30	2434.68	3026.37		
558	2:13:55:28	2435.64	3030.58		
559	2:13:56:26	2436.60	3033.69		
560	2:13:57:23	2437.56	3035.93		
561	2:13:58:21	2438.52	3039.08		
562	2:13:59:18	2439.48		190.05	
563	2:14:00:16	2440.44	3042.64		
564	2:14:01:14	2441.40	3046.85		
565	2:14:02:11	2442.36	3049.52		
566	2:14:03:09	2443.32	3051.59		
567	2:14:04:06	2444.28	3055.23		
568	2:14:05:04	2445.24	3057.68		
569	2:14:06:02	2446.20	3060.36		
570	2:14:06:59	2447.16	3062.64		
571	2:14:07:57	2448.12	3067.51		
572	2:14:08:54	2449.08	3070.54		
573	2:14:09:52	2450.04	3072.82		
574	2:14:10:50	2451.00	3074.75		
575	2:14:11:47	2451.96	3076.94		
576	2:14:12:45	2452.92	3080.10		
577	2:14:13:42	2453.88	3082.39		
578	2:14:14:40	2454.84	3083.83		
579	2:14:15:38	2455.80	3085.63		
580	2:14:16:35	2456.76	3088.75		
581	2:14:17:33	2457.72	3091.12		
582	2:14:18:30	2458.68	3091.65		
583	2:14:19:28	2459.64	3095.03		
584	2:14:20:26	2460.60	3096.17		
585	2:14:21:23	2461.56	3098.50		
586	2:14:22:21	2462.52	3100.82		
587	2:14:23:18	2463.48	3103.33		
588	2:14:24:16	2464.44	3105.52		
589	2:14:25:14	2465.40	3108.55		
590	2:14:26:11	2466.36	3111.32		
591	2:14:27:09	2467.32	3113.69		
592	2:14:28:06	2468.28	3116.11		
593	2:14:29:04	2469.24	3119.32		
594	2:14:30:02	2470.20	3120.68		
595	2:14:30:59	2471.16	3122.57		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING 317498

LEASE NAME :YOLLA #1 DATE : 1 / 10 / 85
LEASE OWNER:AMOCO AUST. EMR # : 61771
WELL NUMBER: 1 EPG # : 61860
START TIME :21:19:50 DEPTH :5828 TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
596	2:14:31:57	2472.12	3125.38		
597	2:14:32:54	2473.08	3126.96		
598	2:14:33:52	2474.04	3128.72		
599	2:14:34:50	2475.00	3130.56		
600	2:14:35:47	2475.96	3132.15		
601	2:14:36:45	2476.92	3133.42		
602	2:14:37:42	2477.88	3134.87		
603	2:14:38:40	2478.84	3136.72		
604	2:14:39:38	2479.80	3139.53		
605	2:14:40:35	2480.76	3141.51		
606	2:14:41:33	2481.72	3142.69		
607	2:14:42:30	2482.68	3143.97		
608	2:14:43:28	2483.64	3145.24		
609	2:14:44:26	2484.60	3146.87		
610	2:14:45:23	2485.56	3150.74		
611	2:14:46:21	2486.52	3154.13		
612	2:14:47:18	2487.48	3156.59		
613	2:14:48:16	2488.44		189.62	
614	2:14:49:14	2489.40	3156.77		
	2:14:49:20				OPEN SSLV CLOSED AT SURFACE
615	2:14:50:11	2490.36	3035.58		
616	2:14:51:09	2491.32	3036.94		
617	2:14:52:06	2492.28	3038.39		
618	2:14:53:04	2493.24	3041.24		
619	2:14:54:02	2494.20	3043.08		
620	2:14:54:59	2495.16	3043.47		
621	2:14:55:57	2496.12	3043.52		
622	2:14:56:54	2497.08	3043.91		
623	2:14:57:52	2498.04	3049.74		
624	2:14:58:50	2499.00	3050.23		
625	2:14:59:47	2499.96	3050.44		
626	2:15:00:45	2500.92	3051.06		
627	2:15:01:42	2501.88	3054.83		
628	2:15:02:40	2502.84	3054.61		
629	2:15:03:38	2503.80	3054.13		
630	2:15:04:35	2504.76	3054.83		
631	2:15:05:33	2505.72	3060.93		
632	2:15:06:30	2506.68	3061.06		
633	2:15:07:28	2507.64	3061.15		
634	2:15:08:26	2508.60	3064.88		
635	2:15:09:23	2509.56	3064.57		
636	2:15:10:21	2510.52	3072.64		
637	2:15:11:18	2511.48	3072.47		
638	2:15:12:16	2512.44	3075.85		
639	2:15:13:14	2513.40	3077.87		
640	2:15:14:11	2514.36	3079.27		
641	2:15:15:09	2515.32	3080.72		
642	2:15:16:06	2516.28	3082.56		
643	2:15:17:04	2517.24	3085.15		
644	2:15:18:02	2518.20	3087.79		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317499

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
645	2:15:18:59	2519.16	3089.32		
646	2:15:19:57	2520.12	3092.00		
647	2:15:20:54	2521.08	3094.37		
648	2:15:21:52	2522.04	3096.26		
649	2:15:22:50	2523.00	3097.84		
650	2:15:23:47	2523.96	3100.78		
651	2:15:24:45	2524.92	3103.42		
652	2:15:25:42	2525.88	3105.44		
653	2:15:26:40	2526.84	3107.59		
654	2:15:27:38	2527.80	3109.17		
655	2:15:28:35	2528.76	3110.58		
656	2:15:29:33	2529.72	3112.55		
657	2:15:30:30	2530.68	3114.70		
658	2:15:31:28	2531.64	3116.94		
659	2:15:32:26	2532.60	3119.01		
660	2:15:33:23	2533.56	3120.90		
661	2:15:34:21	2534.52	3122.35		
662	2:15:35:18	2535.48	3124.63		
663	2:15:36:16	2536.44	3129.91		
664	2:15:37:14	2537.40		189.03	
665	2:15:38:11	2538.36	3127.63		
666	2:15:39:09	2539.32	3128.91		
667	2:15:40:06	2540.28	3132.25		
668	2:15:41:04	2541.24	3135.19		
669	2:15:42:02	2542.20	3136.25		
670	2:15:42:59	2543.16	3141.92		
671	2:15:43:57	2544.12	3150.14		
672	2:15:44:54	2545.08	3153.39		
673	2:15:45:52	2546.04	3155.55		
674	2:15:46:50	2547.00	3167.07		
675	2:15:47:47	2547.96	3154.54		
676	2:15:48:45	2548.92	3154.05		
677	2:15:49:42	2549.88	3152.91		
678	2:15:50:40	2550.84	3160.12		
679	2:15:51:38	2551.80	3165.45		
680	2:15:52:35	2552.76	3165.23		
681	2:15:53:33	2553.72	3160.04		
682	2:15:54:30	2554.68	3159.51		
683	2:15:55:28	2555.64	3161.13		
684	2:15:56:26	2556.60	3162.98		
685	2:15:57:23	2557.56	3162.85		
	2:15:58:00				OPEN SURFACE MANIFOLD
686	2:15:58:21	2558.52	3163.64		
687	2:15:59:18	2559.48	3163.86		
688	2:16:00:16	2560.44	3163.77		
689	2:16:01:14	2561.40	3159.90		
690	2:16:02:11	2562.36	3159.16		
691	2:16:03:09	2563.32	3153.22		
692	2:16:04:06	2564.28	3157.09		
693	2:16:05:04	2565.24	3157.04		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317500

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
694	2:16:06:02	2566.20	3158.06		
695	2:16:06:59	2567.16	3162.10		
696	2:16:07:57	2568.12	3162.32		
697	2:16:08:54	2569.08	3162.94		
698	2:16:09:52	2570.04	3163.16		
699	2:16:10:50	2571.00	3164.13		
700	2:16:11:47	2571.96	3164.87		
	2:16:12:00				2ND FLOW PERIOD FOR INTERVAL
701	2:16:12:45	2572.92	3130.10		
	2:16:12:00				6014.4 FT TO 6016.4 FT
702	2:16:13:42	2573.88	3069.98		
703	2:16:14:40	2574.84	2998.82		
704	2:16:15:38	2575.80	2945.11		
705	2:16:16:35	2576.76	2893.79		
706	2:16:17:33	2577.72	2845.77		
707	2:16:18:30	2578.68	2798.63		
708	2:16:19:28	2579.64	2754.33		
709	2:16:20:26	2580.60	2710.34		
710	2:16:21:23	2581.56	2666.41		
711	2:16:22:21	2582.52	2622.17		
712	2:16:23:18	2583.48	2586.26		
713	2:16:24:16	2584.44	2555.01		
714	2:16:25:14	2585.40	2524.75		
715	2:16:26:11	2586.36		187.77	
716	2:16:27:09	2587.32	2475.76		
717	2:16:28:06	2588.28	2451.99		
718	2:16:29:04	2589.24	2429.18		
719	2:16:30:02	2590.20	2407.25		
720	2:16:30:59	2591.16	2389.55		
721	2:16:31:57	2592.12	2379.42		
722	2:16:32:54	2593.08	2376.31		
723	2:16:33:52	2594.04	2373.81		
724	2:16:34:50	2595.00	2371.44		
725	2:16:35:47	2595.96	2370.32		
726	2:16:36:45	2596.92	2368.63		
727	2:16:37:42	2597.88	2369.32		
728	2:16:38:40	2598.84	2369.19		
729	2:16:39:38	2599.80	2367.69		
730	2:16:40:35	2600.76	2367.64		
731	2:16:41:33	2601.72	2367.25		
732	2:16:42:30	2602.68	2366.69		
733	2:16:43:28	2603.64	2367.77		
734	2:16:44:26	2604.60	2370.10		
735	2:16:45:23	2605.56	2372.30		
736	2:16:46:21	2606.52	2374.37		
737	2:16:47:18	2607.48	2375.62		
738	2:16:48:16	2608.44	2378.55		
739	2:16:49:14	2609.40	2379.11		
740	2:16:50:11	2610.36	2382.00		
741	2:16:51:09	2611.32	2383.69		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317501

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
742	2:16:52:06	2612.28	2384.03		
743	2:16:53:04	2613.24	2386.84		
744	2:16:54:02	2614.20	2389.68		
745	2:16:54:59	2615.16	2391.19		
746	2:16:55:57	2616.12	2392.53		
747	2:16:56:54	2617.08	2393.61		
748	2:16:57:52	2618.04	2394.34		
749	2:16:58:50	2619.00	2396.28		
750	2:16:59:47	2619.96	2397.75		
751	2:17:00:45	2620.92	2402.37		
752	2:17:01:42	2621.88	2402.20		
753	2:17:02:40	2622.84	2404.92		
754	2:17:03:38	2623.80	2408.15		
755	2:17:04:35	2624.76	2400.17		
756	2:17:05:33	2625.72	2395.98		
757	2:17:06:30	2626.68	2392.40		
758	2:17:07:28	2627.64	2389.34		
759	2:17:08:26	2628.60	2388.30		
760	2:17:09:23	2629.56	2384.20		
761	2:17:10:21	2630.52	2378.81		
762	2:17:11:18	2631.48	2376.91		
763	2:17:12:16	2632.44	2374.33		
764	2:17:13:14	2633.40	2373.16		
765	2:17:14:11	2634.36	2370.62		
766	2:17:15:09	2635.32		188.07	
767	2:17:16:06	2636.28	2370.63		
768	2:17:17:04	2637.24	2370.93		
769	2:17:18:02	2638.20	2371.32		
770	2:17:18:59	2639.16	2370.88		
771	2:17:19:57	2640.12	2370.06		
772	2:17:20:54	2641.08	2370.97		
773	2:17:21:52	2642.04	2370.97		
774	2:17:22:50	2643.00	2371.10		
775	2:17:23:47	2643.96	2369.07		
776	2:17:24:45	2644.92	2368.51		
777	2:17:25:42	2645.88	2370.02		
778	2:17:26:40	2646.84	2368.73		
779	2:17:27:38	2647.80	2357.39		
780	2:17:28:35	2648.76	2340.54		
781	2:17:29:33	2649.72	2326.06		
782	2:17:30:30	2650.68	2313.01		
783	2:17:31:28	2651.64	2302.98		
784	2:17:32:26	2652.60	2294.54		
785	2:17:33:23	2653.56	2289.25		
786	2:17:34:21	2654.52	2283.91		
787	2:17:35:18	2655.48	2277.72		
788	2:17:36:16	2656.44	2272.04		
789	2:17:37:14	2657.40	2267.39		
790	2:17:38:11	2658.36	2265.11		
791	2:17:39:09	2659.32	2259.39		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317502

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
792	2:17:40:06	2660.28	2256.30		
793	2:17:41:04	2661.24	2252.94		
794	2:17:42:02	2662.20	2249.80		
795	2:17:42:59	2663.16	2245.46		
796	2:17:43:57	2664.12	2242.88		
797	2:17:44:54	2665.08	2240.52		
798	2:17:45:52	2666.04	2239.23		
799	2:17:46:50	2667.00	2238.71		
800	2:17:47:47	2667.96	2240.30		
801	2:17:48:45	2668.92	2241.25		
802	2:17:49:42	2669.88	2240.99		
803	2:17:50:40	2670.84	2241.64		
804	2:17:51:38	2671.80	2242.28		
805	2:17:52:35	2672.76	2243.61		
806	2:17:53:33	2673.72	2244.34		
807	2:17:54:30	2674.68	2245.33		
808	2:17:55:28	2675.64	2246.02		
809	2:17:56:26	2676.60	2245.46		
810	2:17:57:23	2677.56	2245.94		
811	2:17:58:21	2678.52	2247.27		
812	2:17:59:18	2679.48	2246.58		
813	2:18:00:16	2680.44	2247.31		
814	2:18:01:14	2681.40	2246.97		
815	2:18:02:11	2682.36	2247.35		
816	2:18:03:09	2683.32	2245.89		
817	2:18:04:06	2684.28		188.86	
818	2:18:05:04	2685.24	2245.07		
819	2:18:06:02	2686.20	2243.10		
820	2:18:06:59	2687.16	2247.65		
821	2:18:07:57	2688.12	2249.97		
822	2:18:08:54	2689.08	2253.50		
823	2:18:09:52	2690.04	2256.21		
824	2:18:10:50	2691.00	2257.63		
825	2:18:11:47	2691.96	2259.39		
826	2:18:12:45	2692.92	2261.41		
827	2:18:13:42	2693.88	2262.44		
828	2:18:14:40	2694.84	2264.46		
829	2:18:15:38	2695.80	2265.97		
830	2:18:16:35	2696.76	2267.35		
831	2:18:17:33	2697.72	2268.81		
832	2:18:18:30	2698.68	2270.40		
833	2:18:19:28	2699.64	2271.43		
834	2:18:20:26	2700.60	2272.12		
835	2:18:21:23	2701.56	2273.02		
836	2:18:22:21	2702.52	2273.67		
837	2:18:23:18	2703.48	2272.33		
838	2:18:24:16	2704.44	2273.37		
839	2:18:25:14	2705.40	2274.40		
840	2:18:26:11	2706.36	2275.17		
841	2:18:27:09	2707.32	2274.96		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317503

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
842	2:18:28:06	2708.28	2275.56		
843	2:18:29:04	2709.24	2274.92		
844	2:18:30:02	2710.20	2274.14		
845	2:18:30:59	2711.16	2276.77		
846	2:18:31:57	2712.12	2279.35		
847	2:18:32:54	2713.08	2282.44		
848	2:18:33:52	2714.04	2285.89		
849	2:18:34:50	2715.00	2287.31		
850	2:18:35:47	2715.96	2289.03		
851	2:18:36:45	2716.92	2291.18		
852	2:18:37:42	2717.88	2293.68		
853	2:18:38:40	2718.84	2295.35		
854	2:18:39:38	2719.80	2296.95		
855	2:18:40:35	2720.76	2298.54		
856	2:18:41:33	2721.72	2300.65		
857	2:18:42:30	2722.68	2301.55		
858	2:18:43:28	2723.64	2303.62		
859	2:18:44:26	2724.60	2304.82		
860	2:18:45:23	2725.56	2282.62		
861	2:18:46:21	2726.52	2253.63		
862	2:18:47:18	2727.48	2230.98		
863	2:18:48:16	2728.44	2210.48		
864	2:18:49:14	2729.40	2190.90		
865	2:18:50:11	2730.36	2176.70		
866	2:18:51:09	2731.32	2163.82		
867	2:18:52:06	2732.28	2149.63		
868	2:18:53:04	2733.24		191.56	
869	2:18:54:02	2734.20	2124.27		
870	2:18:54:59	2735.16	2111.76		
871	2:18:55:57	2736.12	2100.24		
872	2:18:56:54	2737.08	2089.66		
873	2:18:57:52	2738.04	2079.73		
874	2:18:58:50	2739.00	2068.69		
875	2:18:59:47	2739.96	2058.55		
876	2:19:00:45	2740.92	2050.04		
877	2:19:01:42	2741.88	2042.00		
878	2:19:02:40	2742.84	2033.49		
879	2:19:03:38	2743.80	2024.72		
880	2:19:04:35	2744.76	2015.83		
881	2:19:05:33	2745.72	2007.54		
882	2:19:06:30	2746.68	1999.30		
883	2:19:07:28	2747.64	1991.65		
884	2:19:08:26	2748.60	1984.78		
885	2:19:09:23	2749.56	1983.33		
886	2:19:10:21	2750.52	1985.76		
887	2:19:11:18	2751.48	1987.30		
888	2:19:12:16	2752.44	1989.39		
889	2:19:13:14	2753.40	1992.21		
890	2:19:14:11	2754.36	1995.33		
891	2:19:15:09	2755.32	1998.91		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317504

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
892	2:19:16:06	2756.28	2003.36		
893	2:19:17:04	2757.24	2006.43		
894	2:19:18:02	2758.20	2009.08		
895	2:19:18:59	2759.16	2012.03		
896	2:19:19:57	2760.12	2012.93		
897	2:19:20:54	2761.08	2017.63		
898	2:19:21:52	2762.04	2022.20		
899	2:19:22:50	2763.00	2026.09		
900	2:19:23:47	2763.96	2028.66		
901	2:19:24:45	2764.92	2031.35		
902	2:19:25:42	2765.88	2034.60		
903	2:19:26:40	2766.84	2037.12		
904	2:19:27:38	2767.80	2039.26		
905	2:19:28:35	2768.76	2040.41		
906	2:19:29:33	2769.72	2041.57		
907	2:19:30:30	2770.68	2042.68		
908	2:19:31:28	2771.64	2044.90		
909	2:19:32:26	2772.60	2046.19		
910	2:19:33:23	2773.56	2046.83		
911	2:19:34:21	2774.52	2047.60		
912	2:19:35:18	2775.48	2048.75		
913	2:19:36:16	2776.44	2049.69		
914	2:19:37:14	2777.40	2050.72		
915	2:19:38:11	2778.36	2051.23		
916	2:19:39:09	2779.32	2051.66		
917	2:19:40:06	2780.28	2052.39		
918	2:19:41:04	2781.24	2053.11		
919	2:19:42:02	2782.20		195.46	
920	2:19:42:59	2783.16	2057.52		
921	2:19:43:57	2784.12	2057.31		
922	2:19:44:54	2785.08	2058.76		
923	2:19:45:52	2786.04	2059.61		
924	2:19:46:50	2787.00	2060.38		
925	2:19:47:47	2787.96	2061.41		
926	2:19:48:45	2788.92	2062.39		
927	2:19:49:42	2789.88	2064.02		
928	2:19:50:40	2790.84	2065.35		
929	2:19:51:38	2791.80	2066.24		
930	2:19:52:35	2792.76	2068.00		
931	2:19:53:33	2793.72	2070.52		
932	2:19:54:30	2794.68	2071.59		
933	2:19:55:28	2795.64	2072.79		
934	2:19:56:26	2796.60	2073.86		
935	2:19:57:23	2797.56	2070.31		
936	2:19:58:21	2798.52	2076.25		
937	2:19:59:18	2799.48	2077.79		
938	2:20:00:16	2800.44	2076.47		
939	2:20:01:14	2801.40	2075.53		
940	2:20:02:11	2802.36	2074.41		
941	2:20:03:09	2803.32	2072.79		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317505

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
942	2:20:04:06	2804.28	2069.67		
943	2:20:05:04	2805.24	2067.78		
944	2:20:06:02	2806.20	2063.59		
945	2:20:06:59	2807.16	2063.93		
946	2:20:07:57	2808.12	2064.02		
947	2:20:08:54	2809.08	2063.08		
948	2:20:09:52	2810.04	2065.13		
949	2:20:10:50	2811.00	2066.54		
950	2:20:11:47	2811.96	2062.74		
951	2:20:12:45	2812.92	2060.17		
952	2:20:13:42	2813.88	2058.84		
953	2:20:14:40	2814.84	2056.15		
954	2:20:15:38	2815.80	2053.54		
955	2:20:16:35	2816.76	2049.91		
956	2:20:17:33	2817.72	2045.89		
957	2:20:18:30	2818.68	2042.85		
958	2:20:19:28	2819.64	2037.55		
959	2:20:20:26	2820.60	2033.45		
960	2:20:21:23	2821.56	2029.13		
961	2:20:22:21	2822.52	2024.52		
962	2:20:23:18	2823.48	2020.42		
963	2:20:24:16	2824.44	2014.95		
964	2:20:25:14	2825.40	2010.98		
965	2:20:26:11	2826.36	2005.30		
966	2:20:27:09	2827.32	2000.00		
967	2:20:28:06	2828.28	1994.79		
968	2:20:29:04	2829.24	1989.37		
969	2:20:30:02	2830.20	1985.23		
970	2:20:30:59	2831.16		196.27	
971	2:20:31:57	2832.12	1976.53		
972	2:20:32:54	2833.08	1971.71		
973	2:20:33:52	2834.04	1967.74		
974	2:20:34:50	2835.00	1963.17		
975	2:20:35:47	2835.96	1958.99		
976	2:20:36:45	2836.92	1955.07		
977	2:20:37:42	2837.88	1952.34		
978	2:20:38:40	2838.84	1951.57		
979	2:20:39:38	2839.80	1950.68		
980	2:20:40:35	2840.76	1949.05		
981	2:20:41:33	2841.72	1947.99		
982	2:20:42:30	2842.68	1947.82		
983	2:20:43:28	2843.64	1947.18		
984	2:20:44:26	2844.60	1946.41		
985	2:20:45:23	2845.56	1946.88		
986	2:20:46:21	2846.52	1951.02		
987	2:20:47:18	2847.48	1951.87		
988	2:20:48:16	2848.44	1950.33		
989	2:20:49:14	2849.40	1949.31		
990	2:20:50:11	2850.36	1950.76		
991	2:20:51:09	2851.32	1954.86		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317506

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
992	2:20:52:06	2852.28	1955.20		
993	2:20:53:04	2853.24	1959.33		
994	2:20:54:02	2854.20	1963.64		
995	2:20:54:59	2855.16	1964.75		
996	2:20:55:57	2856.12	1967.99		
997	2:20:56:54	2857.08	1971.75		
998	2:20:57:52	2858.04	1973.80		
999	2:20:58:50	2859.00	1968.63		
1000	2:20:59:47	2859.96	1962.66		
1001	2:21:00:45	2860.92	1960.44		
1002	2:21:01:42	2861.88	1959.33		
1003	2:21:02:40	2862.84	1955.58		
1004	2:21:03:38	2863.80	1952.47		
1005	2:21:04:35	2864.76	1952.25		
1006	2:21:05:33	2865.72	1950.38		
1007	2:21:06:30	2866.68	1953.36		
1008	2:21:07:28	2867.64	1957.33		
1009	2:21:08:26	2868.60	1963.51		
1010	2:21:09:23	2869.56	1969.10		
1011	2:21:10:21	2870.52	1972.39		
1012	2:21:11:18	2871.48	1977.81		
1013	2:21:12:16	2872.44	1982.72		
1014	2:21:13:14	2873.40	1988.05		
1015	2:21:14:11	2874.36	1992.92		
1016	2:21:15:09	2875.32	1996.08		
1017	2:21:16:06	2876.28	2000.65		
1018	2:21:17:04	2877.24	2006.20		
1019	2:21:18:02	2878.20	2011.32		
1020	2:21:18:59	2879.16	2015.04		
1021	2:21:19:57	2880.12		198.31	
1022	2:21:20:54	2881.08	2024.49		
1023	2:21:21:52	2882.04	2029.54		
1024	2:21:22:50	2883.00	2033.30		
1025	2:21:23:47	2883.96	2036.84		
1026	2:21:24:45	2884.92	2040.13		
1027	2:21:25:42	2885.88	2044.92		
1028	2:21:26:40	2886.84	2047.78		
1029	2:21:27:38	2887.80	2050.65		
1030	2:21:28:35	2888.76	2057.10		
1031	2:21:29:33	2889.72	2060.82		
1032	2:21:30:30	2890.68	2067.19		
1033	2:21:31:28	2891.64	2072.54		
1034	2:21:32:26	2892.60	2078.52		
1035	2:21:33:23	2893.56	2083.49		
1036	2:21:34:21	2894.52	2087.81		
1037	2:21:35:18	2895.48	2091.83		
1038	2:21:36:16	2896.44	2096.79		
1039	2:21:37:14	2897.40	2101.33		
1040	2:21:38:11	2898.36	2104.84		
1041	2:21:39:09	2899.32	2107.19		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317507

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1042	2:21:40:06	2900.28	2108.56		
1043	2:21:41:04	2901.24	2111.82		
1044	2:21:42:02	2902.20	2115.07		
1045	2:21:42:59	2903.16	2115.16		
1046	2:21:43:57	2904.12	2114.73		
1047	2:21:44:54	2905.08	2119.82		
1048	2:21:45:52	2906.04	2132.76		
1049	2:21:46:50	2907.00	2107.75		
1050	2:21:47:47	2907.96	2085.50		
1051	2:21:48:45	2908.92	2075.74		
1052	2:21:49:42	2909.88	2065.61		
1053	2:21:50:40	2910.84	2051.46		
1054	2:21:51:38	2911.80	2039.45		
1055	2:21:52:35	2912.76	2032.18		
1056	2:21:53:33	2913.72	2017.62		
1057	2:21:54:30	2914.68	2000.62		
1058	2:21:55:28	2915.64	1985.68		
1059	2:21:56:26	2916.60	1977.28		
1060	2:21:57:23	2917.56	1961.32		
1061	2:21:58:21	2918.52	1950.87		
1062	2:21:59:18	2919.48	1943.28		
1063	2:22:00:16	2920.44	1940.26		
1064	2:22:01:14	2921.40	1934.67		
1065	2:22:02:11	2922.36	1929.52		
1066	2:22:03:09	2923.32	1925.89		
1067	2:22:04:06	2924.28	1921.21		
1068	2:22:05:04	2925.24	1921.85		
1069	2:22:06:02	2926.20	1926.79		
1070	2:22:06:59	2927.16	1929.22		
1071	2:22:07:57	2928.12	1929.47		
1072	2:22:08:54	2929.08		197.96	
1073	2:22:09:52	2930.04	1926.86		
1074	2:22:10:50	2931.00	1927.03		
1075	2:22:11:47	2931.96	1927.67		
1076	2:22:12:45	2932.92	1924.95		
1077	2:22:13:42	2933.88	1926.78		
1078	2:22:14:40	2934.84	1924.14		
1079	2:22:15:38	2935.80	1927.08		
1080	2:22:16:35	2936.76	1930.40		
1081	2:22:17:33	2937.72	1939.99		
1082	2:22:18:30	2938.68	1942.76		
1083	2:22:19:28	2939.64	1945.96		
1084	2:22:20:26	2940.60	1950.01		
1085	2:22:21:23	2941.56	1948.26		
1086	2:22:22:21	2942.52	1950.35		
1087	2:22:23:18	2943.48	1950.18		
1088	2:22:24:16	2944.44	1949.20		
1089	2:22:25:14	2945.40	1944.60		
1090	2:22:26:11	2946.36	1938.58		
1091	2:22:27:09	2947.32	1933.17		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317508

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1092	2:22:28:06	2948.28	1930.87		
1093	2:22:29:04	2949.24	1918.55		
1094	2:22:30:02	2950.20	1910.89		
1095	2:22:30:59	2951.16	1909.31		
1096	2:22:31:57	2952.12	1909.10		
1097	2:22:32:54	2953.08	1910.59		
1098	2:22:33:52	2954.04	1909.86		
1099	2:22:34:50	2955.00	1910.97		
1100	2:22:35:47	2955.96	1913.23		
1101	2:22:36:45	2956.92	1911.40		
1102	2:22:37:42	2957.88	1909.35		
1103	2:22:38:40	2958.84	1906.80		
1104	2:22:39:38	2959.80	1908.37		
1105	2:22:40:35	2960.76	1903.99		
1106	2:22:41:33	2961.72	1903.13		
1107	2:22:42:30	2962.68	1900.83		
1108	2:22:43:28	2963.64	1896.19		
1109	2:22:44:26	2964.60	1892.70		
1110	2:22:45:23	2965.56	1893.47		
1111	2:22:46:21	2966.52	1896.62		
1112	2:22:47:18	2967.48	1903.30		
1113	2:22:48:16	2968.44	1908.88		
1114	2:22:49:14	2969.40	1914.59		
1115	2:22:50:11	2970.36	1916.04		
1116	2:22:51:09	2971.32	1917.06		
1117	2:22:52:06	2972.28	1915.61		
1118	2:22:53:04	2973.24	1919.92		
1119	2:22:54:02	2974.20	1932.19		
1120	2:22:54:59	2975.16	1944.72		
1121	2:22:55:57	2976.12	1963.53		
1122	2:22:56:54	2977.08	1978.16		
1123	2:22:57:52	2978.04		198.77	
1124	2:22:58:50	2979.00	2007.04		
1125	2:22:59:47	2979.96	2017.12		
1126	2:23:00:45	2980.92	2027.88		
1127	2:23:01:42	2981.88	2040.78		
1128	2:23:02:40	2982.84	2052.58		
1129	2:23:03:38	2983.80	2066.65		
1130	2:23:04:35	2984.76	2079.01		
1131	2:23:05:33	2985.72	2089.91		
1132	2:23:06:30	2986.68	2102.37		
1133	2:23:07:28	2987.64	2115.16		
1134	2:23:08:26	2988.60	2073.15		
1135	2:23:09:23	2989.56	2037.11		
1136	2:23:10:21	2990.52	2007.85		
1137	2:23:11:18	2991.48	1977.85		
1138	2:23:12:16	2992.44	1952.85		
1139	2:23:13:14	2993.40	1920.93		
1140	2:23:14:11	2994.36	1875.02		
1141	2:23:15:09	2995.32	1837.88		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317509

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1142	2:23:16:06	2996.28	1813.48		
1143	2:23:17:04	2997.24	1788.16		
1144	2:23:18:02	2998.20	1764.13		
1145	2:23:18:59	2999.16	1746.18		
1146	2:23:19:57	3000.12	1731.80		
1147	2:23:20:54	3001.08	1726.29		
1148	2:23:21:52	3002.04	1717.34		
1149	2:23:22:50	3003.00	1713.61		
1150	2:23:23:47	3003.96	1717.64		
1151	2:23:24:45	3004.92	1724.68		
1152	2:23:25:42	3005.88	1737.32		
1153	2:23:26:40	3006.84	1759.68		
1154	2:23:27:38	3007.80	1778.53		
1155	2:23:28:35	3008.76	1790.20		
1156	2:23:29:33	3009.72	1796.45		
1157	2:23:30:30	3010.68	1800.27		
1158	2:23:31:28	3011.64	1792.28		
1159	2:23:32:26	3012.60	1790.37		
1160	2:23:33:23	3013.56	1779.59		
1161	2:23:34:21	3014.52	1761.55		
1162	2:23:35:18	3015.48	1743.89		
1163	2:23:36:16	3016.44	1743.47		
1164	2:23:37:14	3017.40	1740.50		
1165	2:23:38:11	3018.36	1736.30		
1166	2:23:39:09	3019.32	1728.16		
1167	2;23:40:06	3020.28	1722.60		
1168	2:23:41:04	3021.24	1728.20		
1169	2:23:42:02	3022.20	1731.93		
1170	2:23:42:59	3023.16	1730.32		
1171	2:23:43:57	3024.12	1724.81		
1172	2:23:44:54	3025.08	1715.90		
1173	2:23:45:52	3026.04	1703.19		
1174	2:23:46:50	3027.00		197.89	
1175	2:23:47:47	3027.96	1678.16		
1176	2:23:48:45	3028.92	1672.95		
1177	2:23:49:42	3029.88	1679.01		
1178	2:23:50:40	3030.84	1685.58		
1179	2:23:51:38	3031.80	1691.30		
1180	2:23:52:35	3032.76	1696.38		
1181	2:23:53:33	3033.72	1704.22		
1182	2:23:54:30	3034.68	1718.85		
1183	2:23:55:28	3035.64	1730.98		
1184	2:23:56:26	3036.60	1738.95		
1185	2:23:57:23	3037.56	1745.82		
1186	2:23:58:21	3038.52	1741.92		
1187	2:23:59:18	3039.48	1723.34		
1188	3:00:00:16	3040.44	1704.14		
1189	3:00:01:14	3041.40	1682.48		
1190	3:00:02:11	3042.36	1671.17		
1191	3:00:03:09	3043.32	1660.04		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317510

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1192	3:00:04:06	3044.28	1648.10		
1193	3:00:05:04	3045.24	1637.22		
1194	3:00:06:02	3046.20	1642.55		
1195	3:00:06:59	3047.16	1653.52		
1196	3:00:07:57	3048.12	1665.75		
1197	3:00:08:54	3049.08	1669.27		
1198	3:00:09:52	3050.04	1673.88		
1199	3:00:10:50	3051.00	1676.13		
1200	3:00:11:47	3051.96	1677.74		
1201	3:00:12:45	3052.92	1692.65		
1202	3:00:13:42	3053.88	1709.22		
1203	3:00:14:40	3054.84	1726.44		
1204	3:00:15:38	3055.80	1740.22		
1205	3:00:16:35	3056.76	1748.54		
1206	3:00:17:33	3057.72	1752.57		
1207	3:00:18:30	3058.68	1750.70		
1208	3:00:19:28	3059.64	1741.50		
1209	3:00:20:26	3060.60	1733.22		
1210	3:00:21:23	3061.56	1734.41		
1211	3:00:22:21	3062.52	1738.53		
1212	3:00:23:18	3063.48	1737.09		
1213	3:00:24:16	3064.44	1733.69		
1214	3:00:25:14	3065.40	1733.18		
1215	3:00:26:11	3066.36	1730.17		
1216	3:00:27:09	3067.32	1728.01		
1217	3:00:28:06	3068.28	1722.75		
1218	3:00:29:04	3069.24	1717.92		
1219	3:00:30:02	3070.20	1716.22		
1220	3:00:30:59	3071.16	1716.81		
1221	3:00:31:57	3072.12	1728.14		
1222	3:00:32:54	3073.08	1735.47		
1223	3:00:33:52	3074.04	1746.16		
1224	3:00:34:50	3075.00	1758.77		
1225	3:00:35:47	3075.96		198.32	
1226	3:00:36:45	3076.92	1774.30		
1227	3:00:37:42	3077.88	1774.94		
1228	3:00:38:40	3078.84	1774.01		
1229	3:00:39:38	3079.80	1771.84		
1230	3:00:40:35	3080.76	1764.58		
1231	3:00:41:33	3081.72	1757.03		
1232	3:00:42:30	3082.68	1747.78		
1233	3:00:43:28	3083.64	1748.03		
1234	3:00:44:26	3084.60	1752.32		
1235	3:00:45:23	3085.56	1752.06		
1236	3:00:46:21	3086.52	1748.79		
1237	3:00:47:18	3087.48	1739.08		
1238	3:00:48:16	3088.44	1729.20		
1239	3:00:49:14	3089.40	1718.68		
1240	3:00:50:11	3090.36	1721.65		
1241	3:00:51:09	3091.32	1723.90		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317511

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1242	3:00:52:06	3092.28	1729.15		
1243	3:00:53:04	3093.24	1735.22		
1244	3:00:54:02	3094.20	1740.48		
1245	3:00:54:59	3095.16	1745.65		
1246	3:00:55:57	3096.12	1752.06		
1247	3:00:56:54	3097.08	1755.50		
1248	3:00:57:52	3098.04	1748.50		
1249	3:00:58:50	3099.00	1742.52		
1250	3:00:59:47	3099.96	1749.05		
1251	3:01:00:45	3100.92	1761.48		
1252	3:01:01:42	3101.88	1770.27		
1253	3:01:02:40	3102.84	1775.02		
1254	3:01:03:38	3103.80	1776.68		
1255	3:01:04:35	3104.76	1774.94		
1256	3:01:05:33	3105.72	1764.45		
1257	3:01:06:30	3106.68	1764.16		
1258	3:01:07:28	3107.64	1767.47		
1259	3:01:08:26	3108.60	1772.69		
1260	3:01:09:23	3109.56	1770.10		
1261	3:01:10:21	3110.52	1768.49		
1262	3:01:11:18	3111.48	1764.41		
1263	3:01:12:16	3112.44	1765.64		
1264	3:01:13:14	3113.40	1766.41		
1265	3:01:14:11	3114.36	1769.76		
1266	3:01:15:09	3115.32	1773.67		
1267	3:01:16:06	3116.28	1775.70		
1268	3:01:17:04	3117.24	1777.61		
1269	3:01:18:02	3118.20	1768.70		
1270	3:01:18:59	3119.16	1761.48		
1271	3:01:19:57	3120.12	1759.32		
1272	3:01:20:54	3121.08	1759.19		
1273	3:01:21:52	3122.04	1761.95		
1274	3:01:22:50	3123.00	1766.41		
1275	3:01:23:47	3123.96	1770.19		
1276	3:01:24:45	3124.92		197.72	
1277	3:01:25:42	3125.88	1776.49		
1278	3:01:26:40	3126.84	1784.18		
1279	3:01:27:38	3127.80	1796.62		
1280	3:01:28:35	3128.76	1814.34		
1281	3:01:29:33	3129.72	1833.81		
1282	3:01:30:30	3130.68	1843.00		
1283	3:01:31:28	3131.64	1846.91		
1284	3:01:32:26	3132.60	1840.11		
1285	3:01:33:23	3133.56	1826.29		
1286	3:01:34:21	3134.52	1814.60		
1287	3:01:35:18	3135.48	1800.02		
1288	3:01:36:16	3136.44	1795.48		
1289	3:01:37:14	3137.40	1794.88		
1290	3:01:38:11	3138.36	1796.96		
1291	3:01:39:09	3139.32	1798.41		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317512

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1292	3:01:40:06	3140.28	1797.39		
1293	3:01:41:04	3141.24	1793.40		
1294	3:01:42:02	3142.20	1785.24		
1295	3:01:42:59	3143.16	1787.70		
1296	3:01:43:57	3144.12	1787.75		
1297	3:01:44:54	3145.08	1790.46		
1298	3:01:45:52	3146.04	1797.73		
1299	3:01:46:50	3147.00	1803.21		
1300	3:01:47:47	3147.96	1808.56		
1301	3:01:48:45	3148.92	1810.01		
1302	3:01:49:42	3149.88	1810.26		
1303	3:01:50:40	3150.84	1809.29		
1304	3:01:51:38	3151.80	1802.95		
1305	3:01:52:35	3152.76	1803.93		
1306	3:01:53:33	3153.72	1798.54		
1307	3:01:54:30	3154.68	1796.54		
1308	3:01:55:28	3155.64	1796.54		
1309	3:01:56:26	3156.60	1799.22		
1310	3:01:57:23	3157.56	1800.45		
1311	3:01:58:21	3158.52	1801.47		
1312	3:01:59:18	3159.48	1805.55		
1313	3:02:00:16	3160.44	1809.75		
1314	3:02:01:14	3161.40	1804.61		
1315	3:02:02:11	3162.36	1804.48		
1316	3:02:03:09	3163.32	1793.86		
1317	3:02:04:06	3164.28	1789.70		
1318	3:02:05:04	3165.24	1778.53		
1319	3:02:06:02	3166.20	1766.18		
1320	3:02:06:59	3167.16	1759.13		
1321	3:02:07:57	3168.12	1750.77		
1322	3:02:08:54	3169.08	1753.19		
1323	3:02:09:52	3170.04	1754.63		
1324	3:02:10:50	3171.00	1749.67		
1325	3:02:11:47	3171.96	1745.21		
1326	3:02:12:45	3172.92	1749.84		
1327	3:02:13:42	3173.88		197.57	
1328	3:02:14:40	3174.84	1766.67		
1329	3:02:15:38	3175.80	1778.65		
1330	3:02:16:35	3176.76	1790.20		
1331	3:02:17:33	3177.72	1793.89		
1332	3:02:18:30	3178.68	1795.08		
1333	3:02:19:28	3179.64	1793.94		
1334	3:02:20:26	3180.60	1790.20		
1335	3:02:21:23	3181.56	1781.79		
1336	3:02:22:21	3182.52	1777.37		
1337	3:02:23:18	3183.48	1770.88		
1338	3:02:24:16	3184.44	1767.65		
1339	3:02:25:14	3185.40	1763.87		
1340	3:02:26:11	3186.36	1760.05		
1341	3:02:27:09	3187.32	1759.76		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317513

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1342	3:02:28:06	3188.28	1764.68		
1343	3:02:29:04	3189.24	1769.35		
1344	3:02:30:02	3190.20	1773.47		
1345	3:02:30:59	3191.16	1775.38		
1346	3:02:31:57	3192.12	1773.93		
1347	3:02:32:54	3193.08	1767.91		
1348	3:02:33:52	3194.04	1757.25		
1349	3:02:34:50	3195.00	1753.09		
1350	3:02:35:47	3195.96	1749.82		
1351	3:02:36:45	3196.92	1746.39		
1352	3:02:37:42	3197.88	1753.86		
1353	3:02:38:40	3198.84	1750.76		
1354	3:02:39:38	3199.80	1750.29		
1355	3:02:40:35	3200.76	1750.29		
1356	3:02:41:33	3201.72	1753.73		
1357	3:02:42:30	3202.68	1753.30		
1358	3:02:43:28	3203.64	1756.74		
1359	3:02:44:26	3204.60	1765.78		
1360	3:02:45:23	3205.56	1774.49		
1361	3:02:46:21	3206.52	1783.45		
1362	3:02:47:18	3207.48	1790.07		
1363	3:02:48:16	3208.44	1791.56		
1364	3:02:49:14	3209.40	1790.20		
1365	3:02:50:11	3210.36	1791.69		
1366	3:02:51:09	3211.32	1793.60		
1367	3:02:52:06	3212.28	1798.23		
1368	3:02:53:04	3213.24	1798.99		
1369	3:02:54:02	3214.20	1796.36		
1370	3:02:54:59	3215.16	1790.41		
1371	3:02:55:57	3216.12	1788.46		
1372	3:02:56:54	3217.08	1785.61		
1373	3:02:57:52	3218.04	1782.98		
1374	3:02:58:50	3219.00	1780.13		
1375	3:02:59:47	3219.96	1782.17		
1376	3:03:00:45	3220.92	1788.71		
1377	3:03:01:42	3221.88	1788.50		
1378	3:03:02:40	3222.84		197.65	
1379	3:03:03:38	3223.80	1791.72		
1380	3:03:04:35	3224.76	1794.73		
1381	3:03:05:33	3225.72	1799.66		
1382	3:03:06:30	3226.68	1807.39		
1383	3:03:07:28	3227.64	1815.00		
1384	3:03:08:26	3228.60	1818.10		
1385	3:03:09:23	3229.56	1819.04		
1386	3:03:10:21	3230.52	1816.36		
1387	3:03:11:18	3231.48	1807.14		
1388	3:03:12:16	3232.44	1791.04		
1389	3:03:13:14	3233.40	1785.26		
1390	3:03:14:11	3234.36	1779.44		
1391	3:03:15:09	3235.32	1783.48		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317514

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1392	3:03:16:06	3236.28	1788.28		
1393	3:03:17:04	3237.24	1787.21		
1394	3:03:18:02	3238.20	1790.02		
1395	3:03:18:59	3239.16	1797.66		
1396	3:03:19:57	3240.12	1802.08		
1397	3:03:20:54	3241.08	1809.39		
1398	3:03:21:52	3242.04	1814.28		
1399	3:03:22:50	3243.00	1817.42		
1400	3:03:23:47	3243.96	1818.83		
1401	3:03:24:45	3244.92	1814.75		
1402	3:03:25:42	3245.88	1815.13		
1403	3:03:26:40	3246.84	1808.37		
1404	3:03:27:38	3247.80	1808.12		
1405	3:03:28:35	3248.76	1806.67		
1406	3:03:29:33	3249.72	1804.59		
1407	3:03:30:30	3250.68	1801.32		
1408	3:03:31:28	3251.64	1792.86		
1409	3:03:32:26	3252.60	1796.94		
1410	3:03:33:23	3253.56	1801.83		
1411	3:03:34:21	3254.52	1807.39		
1412	3:03:35:18	3255.48	1815.60		
1413	3:03:36:16	3256.44	1823.20		
1414	3:03:37:14	3257.40	1835.41		
1415	3:03:38:11	3258.36	1848.85		
1416	3:03:39:09	3259.32	1863.91		
1417	3:03:40:06	3260.28	1874.63		
1418	3:03:41:04	3261.24	1885.49		
1419	3:03:42:02	3262.20	1882.34		
1420	3:03:42:59	3263.16	1878.50		
1421	3:03:43:57	3264.12	1864.84		
1422	3:03:44:54	3265.08	1855.18		
1423	3:03:45:52	3266.04	1849.40		
1424	3:03:46:50	3267.00	1848.34		
1425	3:03:47:47	3267.96	1848.34		
1426	3:03:48:45	3268.92	1852.84		
1427	3:03:49:42	3269.88	1855.91		
1428	3:03:50:40	3270.84	1856.97		
1429	3:03:51:38	3271.80		197.89	
1430	3:03:52:35	3272.76	1864.42		
1431	3:03:53:33	3273.72	1870.84		
1432	3:03:54:30	3274.68	1878.84		
1433	3:03:55:28	3275.64	1886.29		
1434	3:03:56:26	3276.60	1891.87		
1435	3:03:57:23	3277.56	1896.38		
1436	3:03:58:21	3278.52	1888.00		
1437	3:03:59:18	3279.48	1877.35		
1438	3:04:00:16	3280.44	1873.18		
1439	3:04:01:14	3281.40	1873.40		
1440	3:04:02:11	3282.36	1872.97		
1441	3:04:03:09	3283.32	1872.33		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317515

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1442	3:04:04:06	3284.28	1876.08		
1443	3:04:05:04	3285.24	1883.61		
1444	3:04:06:02	3286.20	1891.49		
1445	3:04:06:59	3287.16	1898.60		
1446	3:04:07:57	3288.12	1903.03		
1447	3:04:08:54	3289.08	1907.37		
1448	3:04:09:52	3290.04	1909.93		
1449	3:04:10:50	3291.00	1915.17		
1450	3:04:11:47	3291.96	1908.91		
1451	3:04:12:45	3292.92	1898.98		
1452	3:04:13:42	3293.88	1897.32		
1453	3:04:14:40	3294.84	1901.37		
1454	3:04:15:38	3295.80	1907.54		
1455	3:04:16:35	3296.76	1909.63		
1456	3:04:17:33	3297.72	1911.85		
1457	3:04:18:30	3298.68	1904.01		
1458	3:04:19:28	3299.64	1902.43		
1459	3:04:20:26	3300.60	1901.75		
1460	3:04:21:23	3301.56	1903.67		
1461	3:04:22:21	3302.52	1906.65		
1462	3:04:23:18	3303.48	1908.05		
1463	3:04:24:16	3304.44	1911.42		
1464	3:04:25:14	3305.40	1911.68		
1465	3:04:26:11	3306.36	1913.42		
1466	3:04:27:09	3307.32	1919.17		
1467	3:04:28:06	3308.28	1927.27		
1468	3:04:29:04	3309.24	1935.37		
1469	3:04:30:02	3310.20	1941.68		
1470	3:04:30:59	3311.16	1942.45		
1471	3:04:31:57	3312.12	1933.11		
1472	3:04:32:54	3313.08	1916.92		
1473	3:04:33:52	3314.04	1907.50		
1474	3:04:34:50	3315.00	1904.48		
1475	3:04:35:47	3315.96	1903.41		
1476	3:04:36:45	3316.92	1904.31		
1477	3:04:37:42	3317.88	1907.42		
1478	3:04:38:40	3318.84	1904.22		
1479	3:04:39:38	3319.80	1910.14		
1480	3:04:40:35	3320.76		198.41	
1481	3:04:41:33	3321.72	1906.68		
1482	3:04:42:30	3322.68	1908.51		
1483	3:04:43:28	3323.64	1907.19		
1484	3:04:44:26	3324.60	1906.51		
1485	3:04:45:23	3325.56	1905.19		
1486	3:04:46:21	3326.52	1903.70		
1487	3:04:47:18	3327.48	1900.42		
1488	3:04:48:16	3328.44	1894.16		
1489	3:04:49:14	3329.40	1894.29		
1490	3:04:50:11	3330.36	1891.95		
1491	3:04:51:09	3331.32	1883.77		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317516

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1492	3:04:52:06	3332.28	1874.75		
1493	3:04:53:04	3333.24	1874.07		
1494	3:04:54:02	3334.20	1878.20		
1495	3:04:54:59	3335.16	1882.11		
1496	3:04:55:57	3336.12	1888.41		
1497	3:04:56:54	3337.08	1896.08		
1498	3:04:57:52	3338.04	1908.09		
1499	3:04:58:50	3339.00	1919.12		
1500	3:04:59:47	3339.96	1926.24		
1501	3:05:00:45	3340.92	1930.62		
1502	3:05:01:42	3341.88	1922.83		
1503	3:05:02:40	3342.84	1917.12		
1504	3:05:03:38	3343.80	1911.20		
1505	3:05:04:35	3344.76	1905.36		
1506	3:05:05:33	3345.72	1901.44		
1507	3:05:06:30	3346.68	1891.39		
1508	3:05:07:28	3347.64	1881.26		
1509	3:05:08:26	3348.60	1879.68		
1510	3:05:09:23	3349.56	1883.26		
1511	3:05:10:21	3350.52	1885.30		
1512	3:05:11:18	3351.48	1891.73		
1513	3:05:12:16	3352.44	1896.33		
1514	3:05:13:14	3353.40	1902.55		
1515	3:05:14:11	3354.36	1910.73		
1516	3:05:15:09	3355.32	1906.04		
1517	3:05:16:06	3356.28	1899.10		
1518	3:05:17:04	3357.24	1897.95		
1519	3:05:18:02	3358.20	1907.02		
1520	3:05:18:59	3359.16	1920.10		
1521	3:05:19:57	3360.12	1894.24		
1522	3:05:20:54	3361.08	1900.04		
1523	3:05:21:52	3362.04	1905.87		
1524	3:05:22:50	3363.00	1905.10		
1525	3:05:23:47	3363.96	1903.74		
1526	3:05:24:45	3364.92	1916.18		
1527	3:05:25:42	3365.88	1906.72		
1528	3:05:26:40	3366.84	1908.13		
1529	3:05:27:38	3367.80	1902.46		
1530	3:05:28:35	3368.76	1902.51		
1531	3:05:29:33	3369.72		198.55	
	3:05:30:00				2ND BUILDUP FOR INTERVAL
1532	3:05:30:30	3370.68	1934.71		
	3:05:30:00				6014.4 FT TO 6016.4 FT
1533	3:05:31:28	3371.64	1964.99		
1534	3:05:32:26	3372.60	1992.17		
1535	3:05:33:23	3373.56	2015.01		
1536	3:05:34:21	3374.52	2039.02		
1537	3:05:35:18	3375.48	2055.47		
1538	3:05:36:16	3376.44	2074.07		
1539	3:05:37:14	3377.40	2095.12		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

3175 17

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1540	3:05:38:11	3378.36	2119.56		
1541	3:05:39:09	3379.32	2143.42		
1542	3:05:40:06	3380.28	2165.87		
1543	3:05:41:04	3381.24	2183.84		
1544	3:05:42:02	3382.20	2197.95		
1545	3:05:42:59	3383.16	2215.41		
1546	3:05:43:57	3384.12	2231.89		
1547	3:05:44:54	3385.08	2252.85		
1548	3:05:45:52	3386.04	2276.10		
1549	3:05:46:50	3387.00	2294.67		
1550	3:05:47:47	3387.96	2311.27		
1551	3:05:48:45	3388.92	2326.89		
1552	3:05:49:42	3389.88	2345.66		
1553	3:05:50:40	3390.84	2359.92		
1554	3:05:51:38	3391.80	2371.98		
1555	3:05:52:35	3392.76	2382.49		
1556	3:05:53:33	3393.72	2391.80		
1557	3:05:54:30	3394.68	2401.16		
1558	3:05:55:28	3395.64	2408.32		
1559	3:05:56:26	3396.60	2415.61		
1560	3:05:57:23	3397.56	2423.37		
1561	3:05:58:21	3398.52	2431.35		
1562	3:05:59:18	3399.48	2439.34		
1563	3:06:00:16	3400.44	2447.02		
1564	3:06:01:14	3401.40	2454.23		
1565	3:06:02:11	3402.36	2460.62		
1566	3:06:03:09	3403.32	2467.18		
1567	3:06:04:06	3404.28	2474.40		
1568	3:06:05:04	3405.24	2481.35		
1569	3:06:06:02	3406.20	2487.92		
1570	3:06:06:59	3407.16	2494.27		
1571	3:06:07:57	3408.12	2500.23		
1572	3:06:08:54	3409.08	2505.85		
1573	3:06:09:52	3410.04	2511.26		
1574	3:06:10:50	3411.00	2516.53		
1575	3:06:11:47	3411.96	2521.81		
1576	3:06:12:45	3412.92	2527.04		
1577	3:06:13:42	3413.88	2531.76		
1578	3:06:14:40	3414.84	2535.95		
1579	3:06:15:38	3415.80	2540.11		
1580	3:06:16:35	3416.76	2544.78		
1581	3:06:17:33	3417.72	2548.98		
1582	3:06:18:30	3418.68		200.09	
1583	3:06:19:28	3419.64	2557.21		
1584	3:06:20:26	3420.60	2560.72		
1585	3:06:21:23	3421.56	2564.40		
1586	3:06:22:21	3422.52	2568.16		
1587	3:06:23:18	3423.48	2571.58		
1588	3:06:24:16	3424.44	2574.74		
1589	3:06:25:14	3425.40	2577.69		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317518

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1590	3:06:26:11	3426.36	2580.89		
1591	3:06:27:09	3427.32	2584.01		
1592	3:06:28:06	3428.28	2586.57		
1593	3:06:29:04	3429.24	2589.08		
1594	3:06:30:02	3430.20	2591.46		
1595	3:06:30:59	3431.16	2593.45		
1596	3:06:31:57	3432.12	2595.58		
1597	3:06:32:54	3433.08	2597.48		
1598	3:06:33:52	3434.04	2599.30		
1599	3:06:34:50	3435.00	2600.86		
1600	3:06:35:47	3435.96	2602.77		
1601	3:06:36:45	3436.92	2604.24		
1602	3:06:37:42	3437.88	2605.89		
1603	3:06:38:40	3438.84	2607.15		
1604	3:06:39:38	3439.80	2608.58		
1605	3:06:40:35	3440.76	2609.92		
1606	3:06:41:33	3441.72	2611.13		
1607	3:06:42:30	3442.68	2612.22		
1608	3:06:43:28	3443.64	2613.69		
1609	3:06:44:26	3444.60	2614.73		
1610	3:06:45:23	3445.56	2615.51		
1611	3:06:46:21	3446.52	2616.25		
1612	3:06:47:18	3447.48	2616.85		
1613	3:06:48:16	3448.44	2617.68		
1614	3:06:49:14	3449.40	2618.50		
1615	3:06:50:11	3450.36	2619.24		
1616	3:06:51:09	3451.32	2620.15		
1617	3:06:52:06	3452.28	2620.75		
1618	3:06:53:04	3453.24	2621.88		
1619	3:06:54:02	3454.20	2622.66		
1620	3:06:54:59	3455.16	2623.27		
1621	3:06:55:57	3456.12	2623.70		
1622	3:06:56:54	3457.08	2624.40		
1623	3:06:57:52	3458.04	2625.22		
1624	3:06:58:50	3459.00	2625.87		
1625	3:06:59:47	3459.96	2626.09		
1626	3:07:00:45	3460.92	2626.65		
1627	3:07:01:42	3461.88	2627.43		
1628	3:07:02:40	3462.84	2628.04		
1629	3:07:03:38	3463.80	2628.52		
1630	3:07:04:35	3464.76	2628.95		
1631	3:07:05:33	3465.72	2629.30		
1632	3:07:06:30	3466.68	2629.82		
1633	3:07:07:28	3467.64		198.59	
1634	3:07:08:26	3468.60	2629.46		
1635	3:07:09:23	3469.56	2629.85		
1636	3:07:10:21	3470.52	2630.19		
1637	3:07:11:18	3471.48	2630.28		
1638	3:07:12:16	3472.44	2630.71		
1639	3:07:13:14	3473.40	2631.45		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317519

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1640	3:07:14:11	3474.36	2631.71		
1641	3:07:15:09	3475.32	2631.67		
1642	3:07:16:06	3476.28	2632.23		
1643	3:07:17:04	3477.24	2632.49		
1644	3:07:18:02	3478.20	2632.71		
1645	3:07:18:59	3479.16	2633.05		
1646	3:07:19:57	3480.12	2634.27		
1647	3:07:20:54	3481.08	2635.61		
1648	3:07:21:52	3482.04	2637.52		
1649	3:07:22:50	3483.00	2638.56		
1650	3:07:23:47	3483.96	2639.86		
1651	3:07:24:45	3484.92	2641.08		
1652	3:07:25:42	3485.88	2642.25		
1653	3:07:26:40	3486.84	2643.55		
1654	3:07:27:38	3487.80	2644.38		
1655	3:07:28:35	3488.76	2645.50		
1656	3:07:29:33	3489.72	2646.11		
1657	3:07:30:30	3490.68	2646.76		
1658	3:07:31:28	3491.64	2647.72		
1659	3:07:32:26	3492.60	2648.41		
1660	3:07:33:23	3493.56	2649.23		
1661	3:07:34:21	3494.52	2649.80		
1662	3:07:35:18	3495.48	2650.36		
1663	3:07:36:16	3496.44	2651.06		
1664	3:07:37:14	3497.40	2651.40		
1665	3:07:38:11	3498.36	2652.05		
1666	3:07:39:09	3499.32	2652.31		
1667	3:07:40:06	3500.28	2652.75		
1668	3:07:41:04	3501.24	2652.79		
1669	3:07:42:02	3502.20	2653.01		
1670	3:07:42:59	3503.16	2653.57		
1671	3:07:43:57	3504.12	2653.75		
1672	3:07:44:54	3505.08	2653.92		
1673	3:07:45:52	3506.04	2653.96		
1674	3:07:46:50	3507.00	2654.40		
1675	3:07:47:47	3507.96	2654.61		
1676	3:07:48:45	3508.92	2654.22		
1677	3:07:49:42	3509.88	2654.53		
1678	3:07:50:40	3510.84	2655.31		
1679	3:07:51:38	3511.80	2655.83		
1680	3:07:52:35	3512.76	2656.35		
1681	3:07:53:33	3513.72	2656.52		
1682	3:07:54:30	3514.68	2656.52		
1683	3:07:55:28	3515.64	2656.65		
1684	3:07:56:26	3516.60		197.35	
1685	3:07:57:23	3517.56	2655.80		
1686	3:07:58:21	3518.52	2655.93		
1687	3:07:59:18	3519.48	2656.23		
1688	3:08:00:16	3520.44	2656.40		
1689	3:08:01:14	3521.40	2656.36		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317520

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1690	3:08:02:11	3522.36	2656.66		
1691	3:08:03:09	3523.32	2656.58		
1692	3:08:04:06	3524.28	2656.49		
1693	3:08:05:04	3525.24	2657.01		
1694	3:08:06:02	3526.20	2657.23		
1695	3:08:06:59	3527.16	2657.40		
1696	3:08:07:57	3528.12	2657.62		
1697	3:08:08:54	3529.08	2657.71		
1698	3:08:09:52	3530.04	2657.97		
1699	3:08:10:50	3531.00	2658.27		
1700	3:08:11:47	3531.96	2658.49		
1701	3:08:12:45	3532.92	2658.70		
1702	3:08:13:42	3533.88	2659.01		
1703	3:08:14:40	3534.84	2659.18		
1704	3:08:15:38	3535.80	2659.44		
1705	3:08:16:35	3536.76	2659.75		
1706	3:08:17:33	3537.72	2660.05		
1707	3:08:18:30	3538.68	2660.53		
1708	3:08:19:28	3539.64	2660.79		
1709	3:08:20:26	3540.60	2660.87		
1710	3:08:21:23	3541.56	2660.87		
1711	3:08:22:21	3542.52	2660.79		
1712	3:08:23:18	3543.48	2660.53		
1713	3:08:24:16	3544.44	2660.22		
1714	3:08:25:14	3545.40	2660.01		
1715	3:08:26:11	3546.36	2660.35		
1716	3:08:27:09	3547.32	2660.66		
1717	3:08:28:06	3548.28	2660.87		
1718	3:08:29:04	3549.24	2661.09		
1719	3:08:30:02	3550.20	2661.18		
1720	3:08:30:59	3551.16	2661.39		
1721	3:08:31:57	3552.12	2661.61		
1722	3:08:32:54	3553.08	2661.83		
1723	3:08:33:52	3554.04	2662.00		
1724	3:08:34:50	3555.00	2662.13		
1725	3:08:35:47	3555.96	2662.44		
1726	3:08:36:45	3556.92	2662.65		
1727	3:08:37:42	3557.88	2662.91		
1728	3:08:38:40	3558.84	2663.13		
1729	3:08:39:38	3559.80	2663.35		
1730	3:08:40:35	3560.76	2663.65		
1731	3:08:41:33	3561.72	2663.87		
1732	3:08:42:30	3562.68	2664.09		
1733	3:08:43:28	3563.64	2664.26		
1734	3:08:44:26	3564.60	2664.48		
1735	3:08:45:23	3565.56		196.09	
1736	3:08:46:21	3566.52	2663.75		
1737	3:08:47:18	3567.48	2663.92		
1738	3:08:48:16	3568.44	2663.97		
1739	3:08:49:14	3569.40	2663.97		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317521

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1740	3:08:50:11	3570.36	2663.88		
1741	3:08:51:09	3571.32	2663.92		
1742	3:08:52:06	3572.28	2663.79		
1743	3:08:53:04	3573.24	2663.79		
1744	3:08:54:02	3574.20	2663.71		
1745	3:08:54:59	3575.16	2663.66		
1746	3:08:55:57	3576.12	2663.53		
1747	3:08:56:54	3577.08	2663.44		
1748	3:08:57:52	3578.04	2663.53		
1749	3:08:58:50	3579.00	2663.53		
1750	3:08:59:47	3579.96	2663.53		
1751	3:09:00:45	3580.92	2663.53		
1752	3:09:01:42	3581.88	2663.44		
1753	3:09:02:40	3582.84	2663.31		
1754	3:09:03:38	3583.80	2663.27		
1755	3:09:04:35	3584.76	2663.18		
1756	3:09:05:33	3585.72	2663.23		
1757	3:09:06:30	3586.68	2663.18		
1758	3:09:07:28	3587.64	2663.23		
1759	3:09:08:26	3588.60	2663.18		
1760	3:09:09:23	3589.56	2663.18		
1761	3:09:10:21	3590.52	2663.18		
1762	3:09:11:18	3591.48	2663.27		
1763	3:09:12:16	3592.44	2663.23		
1764	3:09:13:14	3593.40	2663.27		
1765	3:09:14:11	3594.36	2663.23		
1766	3:09:15:09	3595.32	2663.23		
1767	3:09:16:06	3596.28	2663.23		
1768	3:09:17:04	3597.24	2663.23		
1769	3:09:18:02	3598.20	2663.23		
1770	3:09:18:59	3599.16	2663.10		
1771	3:09:19:57	3600.12	2663.01		
1772	3:09:20:54	3601.08	2663.05		
1773	3:09:21:52	3602.04	2663.10		
1774	3:09:22:50	3603.00	2663.14		
1775	3:09:23:47	3603.96	2663.14		
1776	3:09:24:45	3604.92	2663.10		
1777	3:09:25:42	3605.88	2663.01		
1778	3:09:26:40	3606.84	2662.84		
1779	3:09:27:38	3607.80	2662.75		
1780	3:09:28:35	3608.76	2662.75		
1781	3:09:29:33	3609.72	2662.71		
1782	3:09:30:30	3610.68	2662.66		
1783	3:09:31:28	3611.64	2662.58		
1784	3:09:32:26	3612.60	2662.49		
1785	3:09:33:23	3613.56	2662.49		
1786	3:09:34:21	3614.52		195.65	
1787	3:09:35:18	3615.48	2662.13		
1788	3:09:36:16	3616.44	2662.22		
1789	3:09:37:14	3617.40	2662.09		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317522

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1790	3:09:38:11	3618.36	2662.13		
1791	3:09:39:09	3619.32	2662.09		
1792	3:09:40:06	3620.28	2662.26		
1793	3:09:41:04	3621.24	2662.22		
1794	3:09:42:02	3622.20	2662.26		
1795	3:09:42:59	3623.16	2662.26		
1796	3:09:43:57	3624.12	2662.22		
1797	3:09:44:54	3625.08	2662.22		
1798	3:09:45:52	3626.04	2662.35		
1799	3:09:46:50	3627.00	2662.39		
1800	3:09:47:47	3627.96	2662.44		
1801	3:09:48:45	3628.92	2662.48		
1802	3:09:49:42	3629.88	2662.39		
1803	3:09:50:40	3630.84	2662.44		
1804	3:09:51:38	3631.80	2662.44		
1805	3:09:52:35	3632.76	2662.52		
1806	3:09:53:33	3633.72	2662.57		
1807	3:09:54:30	3634.68	2662.61		
1808	3:09:55:28	3635.64	2662.57		
1809	3:09:56:26	3636.60	2662.48		
1810	3:09:57:23	3637.56	2662.39		
1811	3:09:58:21	3638.52	2662.48		
1812	3:09:59:18	3639.48	2662.39		
1813	3:10:00:16	3640.44	2662.31		
1814	3:10:01:14	3641.40	2662.26		
1815	3:10:02:11	3642.36	2662.22		
1816	3:10:03:09	3643.32	2662.22		
1817	3:10:04:06	3644.28	2662.22		
1818	3:10:05:04	3645.24	2662.22		
1819	3:10:06:02	3646.20	2662.18		
1820	3:10:06:59	3647.16	2662.13		
1821	3:10:07:57	3648.12	2662.05		
1822	3:10:08:54	3649.08	2662.05		
1823	3:10:09:52	3650.04	2662.05		
1824	3:10:10:50	3651.00	2662.00		
1825	3:10:11:47	3651.96	2661.96		
1826	3:10:12:45	3652.92	2662.00		
1827	3:10:13:42	3653.88	2661.92		
1828	3:10:14:40	3654.84	2661.92		
1829	3:10:15:38	3655.80	2661.92		
1830	3:10:16:35	3656.76	2661.87		
1831	3:10:17:33	3657.72	2661.83		
1832	3:10:18:30	3658.68	2661.74		
1833	3:10:19:28	3659.64	2661.70		
1834	3:10:20:26	3660.60	2661.79		
1835	3:10:21:23	3661.56	2661.79		
1836	3:10:22:21	3662.52	2661.74		
1837	3:10:23:18	3663.48		195.12	
1838	3:10:24:16	3664.44	2661.23		
1839	3:10:25:14	3665.40	2661.23		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317523

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1840	3:10:26:11	3666.36	2661.27		
1841	3:10:27:09	3667.32	2661.23		
1842	3:10:28:06	3668.28	2661.23		
1843	3:10:29:04	3669.24	2661.23		
1844	3:10:30:02	3670.20	2661.19		
1845	3:10:30:59	3671.16	2661.14		
1846	3:10:31:57	3672.12	2661.19		
1847	3:10:32:54	3673.08	2661.27		
1848	3:10:33:52	3674.04	2661.27		
1849	3:10:34:50	3675.00	2662.53		
1850	3:10:35:47	3675.96	2662.27		
1851	3:10:36:45	3676.92	2662.06		
1852	3:10:37:42	3677.88	2662.01		
1853	3:10:38:40	3678.84	2661.97		
1854	3:10:39:38	3679.80	2661.75		
1855	3:10:40:35	3680.76	2661.36		
1856	3:10:41:33	3681.72	2660.97		
1857	3:10:42:30	3682.68	2660.23		
1858	3:10:43:28	3683.64	2659.41		
1859	3:10:44:26	3684.60	2658.41		
1860	3:10:45:23	3685.56	2657.67		
1861	3:10:46:21	3686.52	2657.15		
1862	3:10:47:18	3687.48	2656.54		
1863	3:10:48:16	3688.44	2656.11		
1864	3:10:49:14	3689.40	2655.67		
1865	3:10:50:11	3690.36	2655.33		
1866	3:10:51:09	3691.32	2654.98		
1867	3:10:52:06	3692.28	2654.63		
1868	3:10:53:04	3693.24	2654.50		
1869	3:10:54:02	3694.20	2654.24		
1870	3:10:54:59	3695.16	2653.63		
1871	3:10:55:57	3696.12	2653.46		
1872	3:10:56:54	3697.08	2653.50		
1873	3:10:57:52	3698.04	2653.55		
1874	3:10:58:50	3699.00	2653.63		
1875	3:10:59:47	3699.96	2653.46		
1876	3:11:00:45	3700.92	2653.89		
1877	3:11:01:42	3701.88	2653.85		
1878	3:11:02:40	3702.84	2653.63		
1879	3:11:03:38	3703.80	2654.29		
1880	3:11:04:35	3704.76	2654.46		
1881	3:11:05:33	3705.72	2654.76		
1882	3:11:06:30	3706.68	2655.24		
1883	3:11:07:28	3707.64	2656.06		
1884	3:11:08:26	3708.60	2656.85		
1885	3:11:09:23	3709.56	2658.02		
1886	3:11:10:21	3710.52	2659.84		
1887	3:11:11:18	3711.48	2660.88		
1888	3:11:12:16	3712.44		194.67	
1889	3:11:13:14	3713.40	2662.83		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317524

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :21:19:50 DEPTH :5828

DATE : 1 / 10 / 85
EMR # : 61771
EPG # : 61860
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1890	3:11:14:11	3714.36	2663.83		
1891	3:11:15:09	3715.32	2664.56		
1892	3:11:16:06	3716.28	2665.39		
1893	3:11:17:04	3717.24	2666.95		
1894	3:11:18:02	3718.20	2669.25		
1895	3:11:18:59	3719.16	2669.73		
1896	3:11:19:57	3720.12	2671.08		
1897	3:11:20:54	3721.08	2671.60		
1898	3:11:21:52	3722.04	2672.90		
1899	3:11:22:50	3723.00	2673.25		
1900	3:11:23:47	3723.96	2674.38		
1901	3:11:24:45	3724.92	2674.85		
1902	3:11:25:42	3725.88	2674.90		
1903	3:11:26:40	3726.84	2677.55		
1904	3:11:27:38	3727.80	2680.02		
1905	3:11:28:35	3728.76	2713.61		
1906	3:11:29:33	3729.72	2682.11		
1907	3:11:30:30	3730.68	2705.79		
1908	3:11:31:28	3731.64	2675.12		
1909	3:11:32:26	3732.60	2675.51		
1910	3:11:33:23	3733.56	2675.55		
1911	3:11:34:21	3734.52	2676.03		
1912	3:11:35:18	3735.48	2676.33		
1913	3:11:36:16	3736.44	2676.59		
1914	3:11:37:14	3737.40	2676.94		
1915	3:11:38:11	3738.36	2677.16		
1916	3:11:39:09	3739.32	2677.24		
1917	3:11:40:06	3740.28	2677.50		
1918	3:11:41:04	3741.24	2677.72		
1919	3:11:42:02	3742.20	2678.50		
1920	3:11:42:59	3743.16	2678.16		
1921	3:11:43:57	3744.12	2678.46		
1922	3:11:44:54	3745.08	2678.11		
1923	3:11:45:52	3746.04	2672.03		
1924	3:11:46:50	3747.00	2685.84		
1925	3:11:47:47	3747.96	2678.63		
1926	3:11:48:45	3748.92	2678.81		
1927	3:11:49:42	3749.88	2678.68		
1928	3:11:50:40	3750.84	2678.89		
1929	3:11:51:38	3751.80	2679.11		
1930	3:11:52:35	3752.76	2679.11		
1931	3:11:53:33	3753.72	2679.28		
1932	3:11:54:30	3754.68	2679.41		
1933	3:11:55:28	3755.64	2679.55		
1934	3:11:56:26	3756.60	2679.59		
1935	3:11:57:23	3757.56	2679.68		
1936	3:11:58:21	3758.52	2679.63		
1937	3:11:59:18	3759.48	2679.85		
1938	3:12:00:16	3760.44	2679.37		
	3:12:01:00				INITIAL FLOW & BUILDUP FOR
1939	3:12:01:14	3761.40		194.79	
	3:12:01:00				PERFORATED INTERVAL#2
1940	3:12:02:11	3762.36	2587.50		

317525

	3:12:01:00			
1941	3:12:03:09	3763.32	2538.05	
1942	3:12:04:06	3764.28	2485.84	
1943	3:12:05:04	3765.24	2212.45	
1944	3:12:06:02	3766.20	1964.27	
1945	3:12:06:59	3767.16	1784.52	
1946	3:12:07:57	3768.12	1660.28	
1947	3:12:08:54	3769.08	1558.03	
1948	3:12:09:52	3770.04	1461.35	
1949	3:12:10:50	3771.00	1379.52	
1950	3:12:11:47	3771.96	1337.47	
1951	3:12:12:45	3772.92	1306.59	
1952	3:12:13:42	3773.88	1274.18	
1953	3:12:14:40	3774.84	1255.13	
1954	3:12:15:38	3775.80	1263.77	
1955	3:12:16:35	3776.76	1288.11	
1956	3:12:17:33	3777.72	1446.81	
1957	3:12:18:30	3778.68	1661.33	
1958	3:12:19:28	3779.64	1782.73	
1959	3:12:20:26	3780.60	1905.43	
1960	3:12:21:23	3781.56	2003.75	
1961	3:12:22:21	3782.52	2087.68	
1962	3:12:23:18	3783.48	2155.91	
1963	3:12:24:16	3784.44	2207.64	
1964	3:12:25:14	3785.40	2245.78	
1965	3:12:26:11	3786.36	2268.81	
1966	3:12:27:09	3787.32	2284.72	
1967	3:12:28:06	3788.28	2294.57	
1968	3:12:29:04	3789.24	2334.64	
1969	3:12:30:02	3790.20	2401.87	
1970	3:12:30:59	3791.16	2449.30	
1971	3:12:31:57	3792.12	2487.18	
1972	3:12:32:54	3793.08	2516.72	
1973	3:12:33:52	3794.04	2543.15	
1974	3:12:34:50	3795.00	2554.63	
1975	3:12:35:47	3795.96	2567.49	
1976	3:12:36:45	3796.92	2576.37	
1977	3:12:37:42	3797.88	2586.94	
1978	3:12:38:40	3798.84	2594.17	
1979	3:12:39:38	3799.80	2600.46	
1980	3:12:40:35	3800.76	2605.79	
1981	3:12:41:33	3801.72	2609.91	
1982	3:12:42:30	3802.68	2613.51	
1983	3:12:43:28	3803.64	2616.76	
1984	3:12:44:26	3804.60	2619.49	
1985	3:12:45:23	3805.56	2622.09	
1986	3:12:46:21	3806.52	2624.09	
1987	3:12:47:18	3807.48	2625.95	
1988	3:12:48:16	3808.44	2627.43	
1989	3:12:49:14	3809.40	2628.90	
1990	3:12:50:11	3810.36		202.64
1991	3:12:51:09	3811.32	2639.58	
1992	3:12:52:06	3812.28	2641.05	
1993	3:12:53:04	3813.24	2642.44	
1994	3:12:54:02	3814.20	2643.83	
1995	3:12:54:59	3815.16	2645.13	
1996	3:12:55:57	3816.12	2645.56	
1997	3:12:56:54	3817.08	2646.34	
1998	3:12:57:52	3818.04	2646.95	
1999	3:12:58:50	3819.00	2647.60	
2000	3:12:59:47	3819.96	2648.16	

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

317526

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUST.
Lease: YOLLA #1
Well # 1
Ticket # 316608
Date: 1 / 10 / 85
E. M. R. 61772 E. P. G. 62530
Test # 3
Start Time : 22: 00: 00

PLOTS

PLOTS FOR E.M.R. 61772 E.P.G. 62530

317527

2.1 TEMPERATURE AND PRESSURE VRS TIME POINTS 1 TO 2000.

2.2 BLOWUP OF PRESSURE VRS TIME FOR FLOW AND BUILDUP PERIODS FOR PERFORATED INTERVAL #1 POINTS 323 TO 1940.

2.3 BLOWUP OF PRESSURE VRS TIME FOR INITIAL FLOW AND BUILDUP PERIODS FOR PERFORATED INTERVAL #1 POINTS 323 TO 700.

2.4 BLOWUP OF PRESSURE VRS TIME FOR 2ND FLOW AND BUILDUP PERIODS FOR PERFORATED INTERVAL #1 POINTS 698 TO 1940.

2.5 BLOWUP OF PRESSURE VRS TIME FOR INITIAL FLOW AND BUILDUP PERIODS FOR PERFORATED INTERVAL #2 POINTS 1938 TO 2000.

2.6 LOG LOG PLOT FOR 2ND BUILDUP PERIOD FOR PERFORATED INTERVAL #1.

FLOW TIME: 875 MINS

POINTS: 1532 TO 1936

2.7 HORNER PLOT FOR 2ND BUILDUP PERIOD FOR PERFORATED INTERVAL #1.

FLOW TIME: 875 MINS

POINTS: 1532 TO 1936

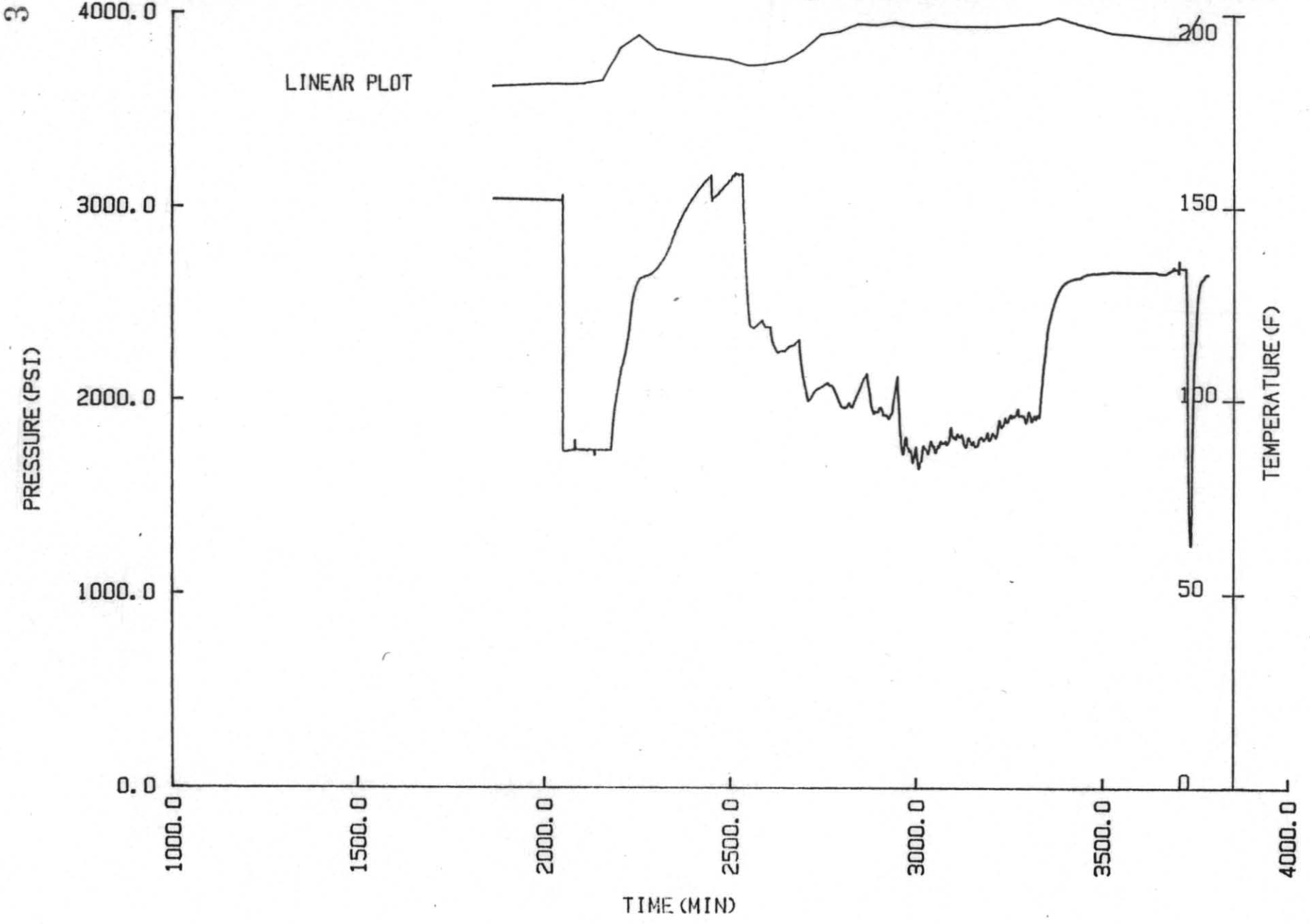
PLOT 2.1

3175528

5 cm

Lease Name YOLLA #1 | Well no. 1 | Ticket no. 316608 | Date 1 / 10 / 85

Lease Owner AMOCO AUST. | Test no. 3 | Gauge 62530 EMR 61772 | Start Time 22:00:00

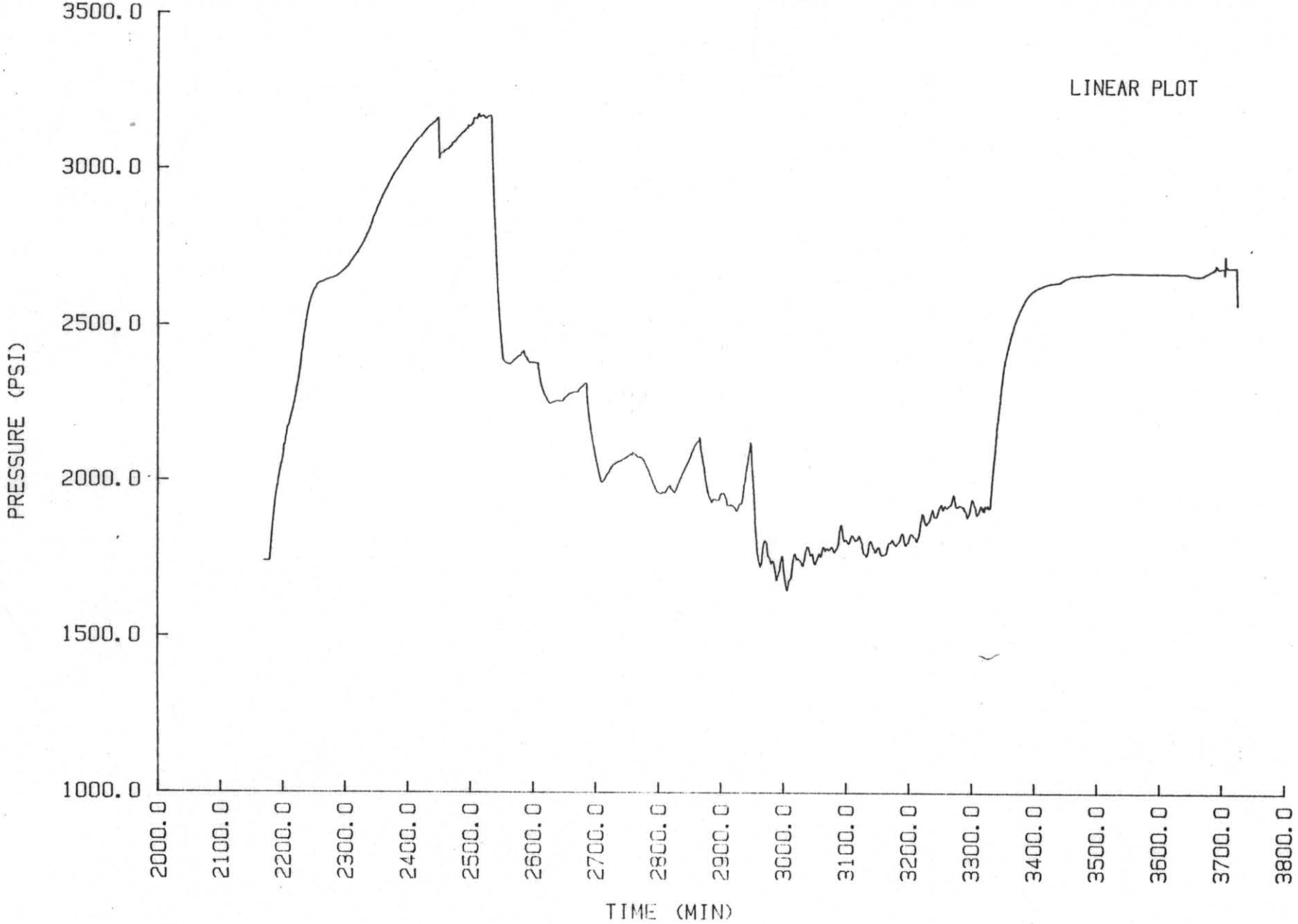


3175529
PLOT 2.2

5 cm

Lease Name YOLLA #1 | Well no. 1 | Ticket no. 316608 | Date 1 / 10 / 85
Lease Owner AMOCO AUST. | Test no. 3 | Gauge 62530 EMR 61772 | Start Time 22:00:00

LINEAR PLOT



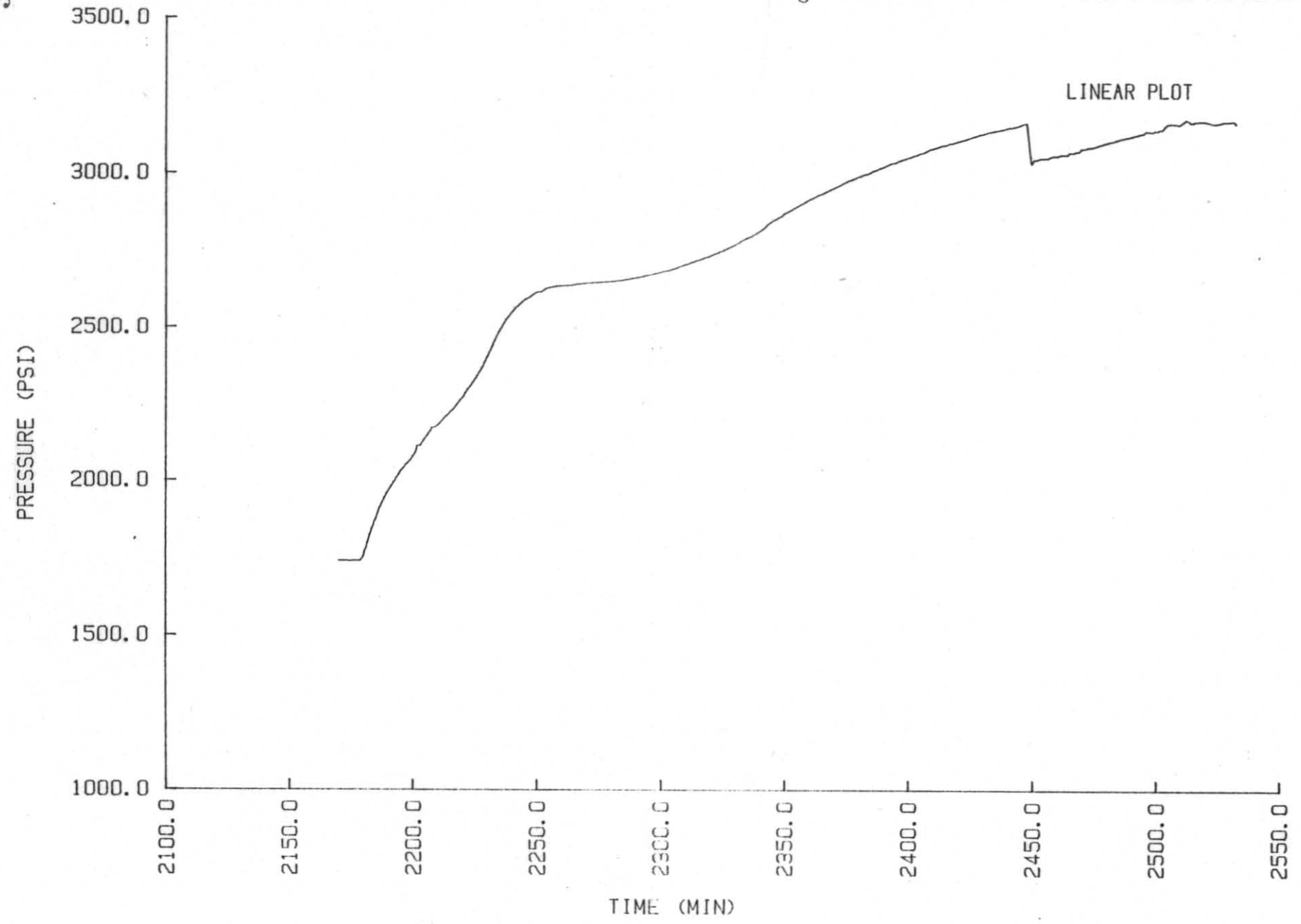
PLOT 2.3

317530

5 cm

Lease Name YOLLA #1 | Well no. 1 | Ticket no. 316608 | Date 1 / 10 / 85

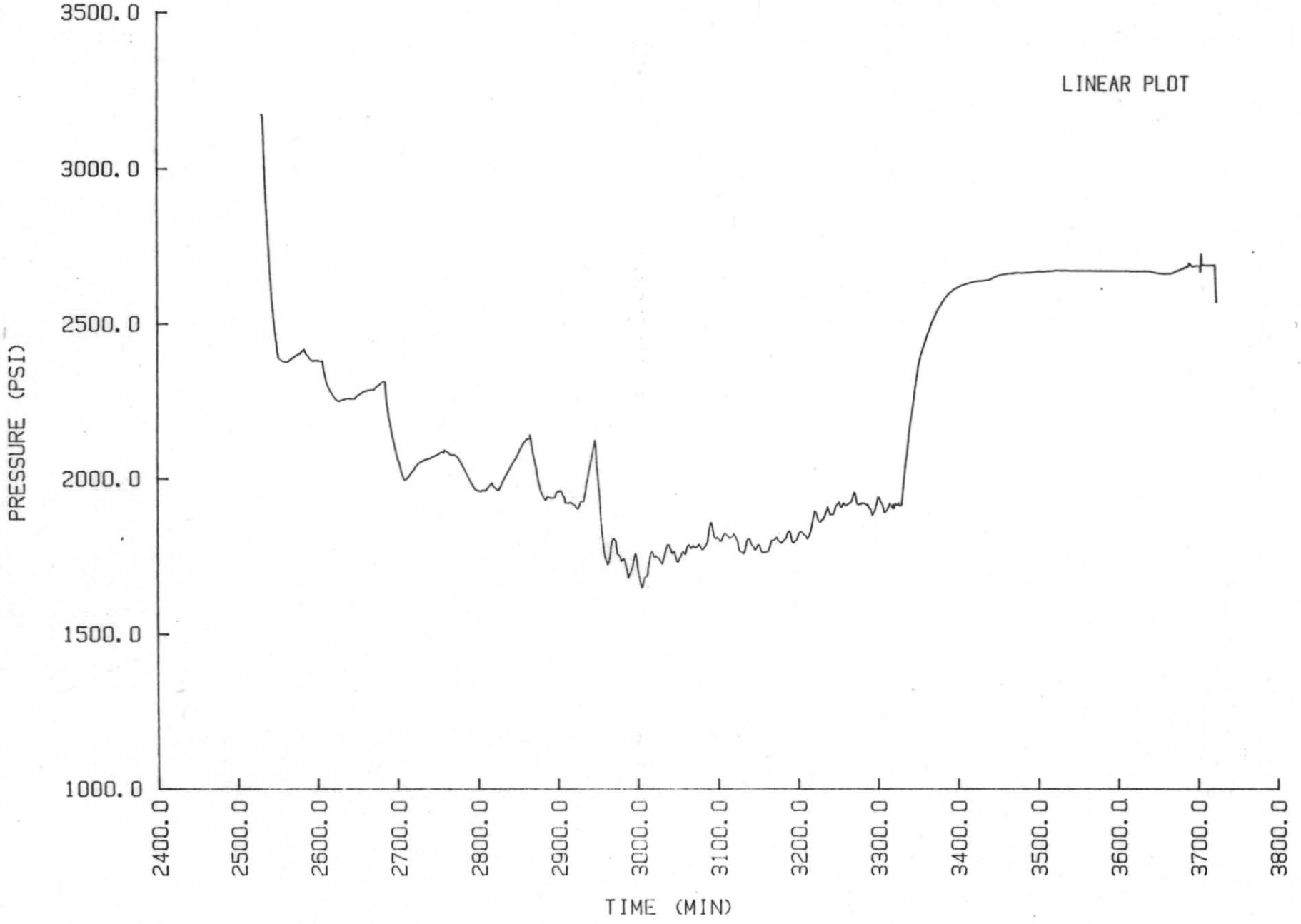
Lease Owner AMOCO AUST. | Test no. 3 | Gauge 62530 EMR 61772 | Start Time 22:00:00



PLOT 2.4
3175531

5 cm

Lease Name YOLLA #1 | Well no. 1 | Ticket no. 316608 | Date 1 / 10 / 85
Lease Owner AMOCO AUST. | Test no. 3 | Gauge 62530 EMR 61772 | Start Time 22:00:00



PLOT 2.5

3175332

5 cm

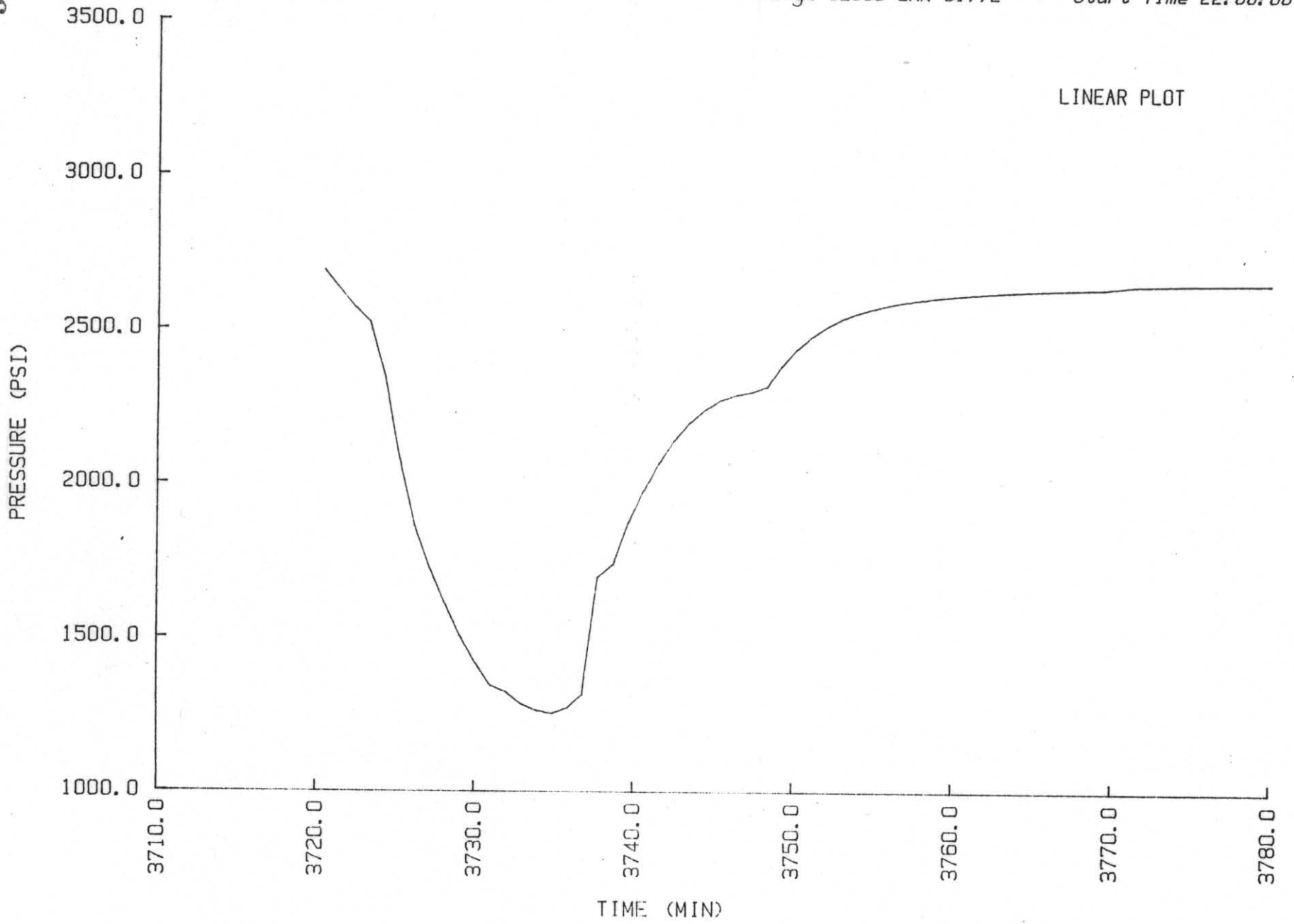
Lease Name YOLLA #1
Lease Owner AMOCO AUST.

Well no. 1
Test no. 3

Ticket no. 316608
Gauge 62530 EMR 61772

Date 1 / 10 / 85
Start Time 22:00:00

LINEAR PLOT



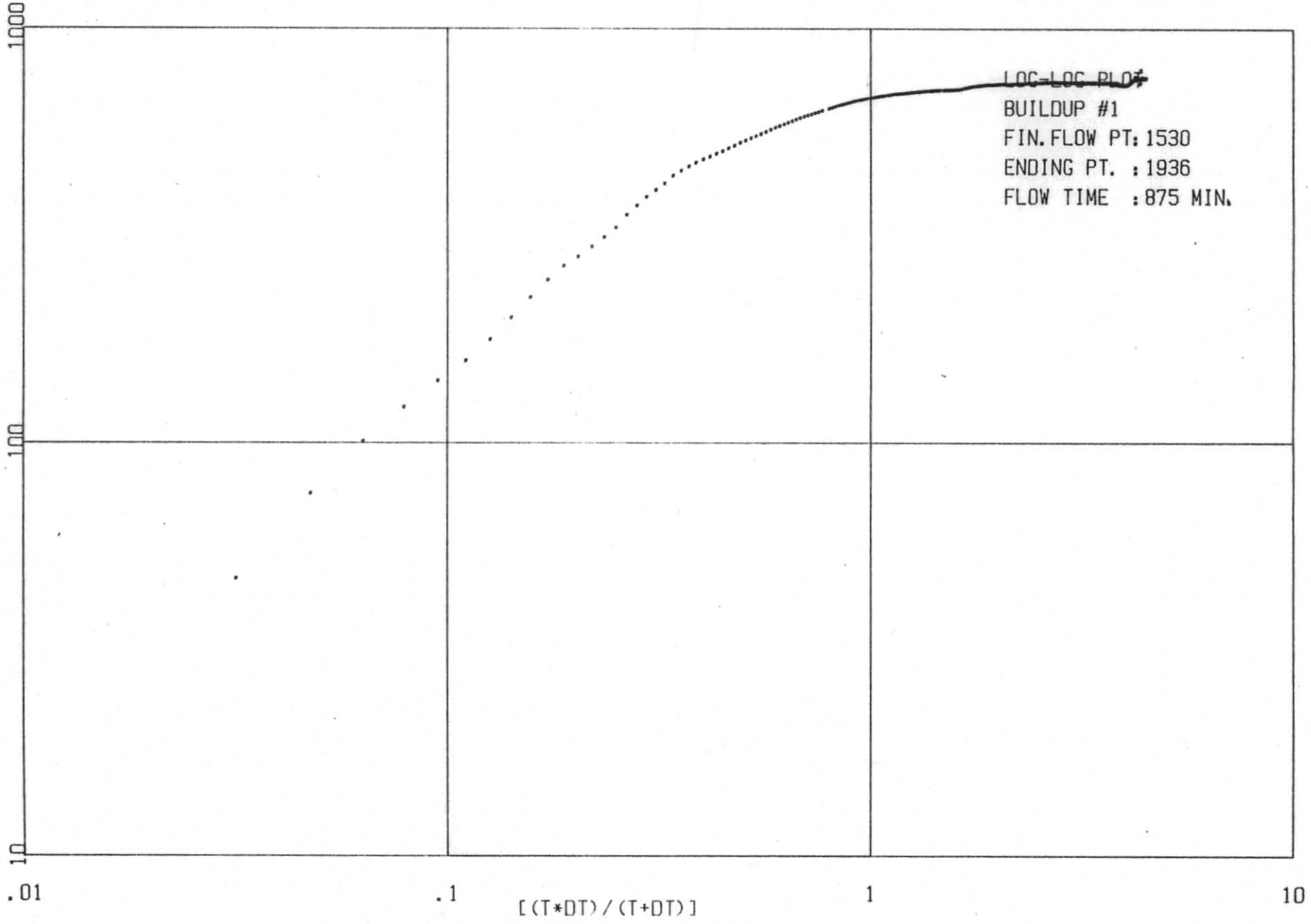
PLOT 2.6

3175533

5 cm

Lease Name YOLLA #1 | Well no. 1 | Ticket no. 316608 | Date 1/10/85

Lease Owner AMOCO AUST. | Test no. 3 | Gauge no. 62530 | Start Time 22:00:00



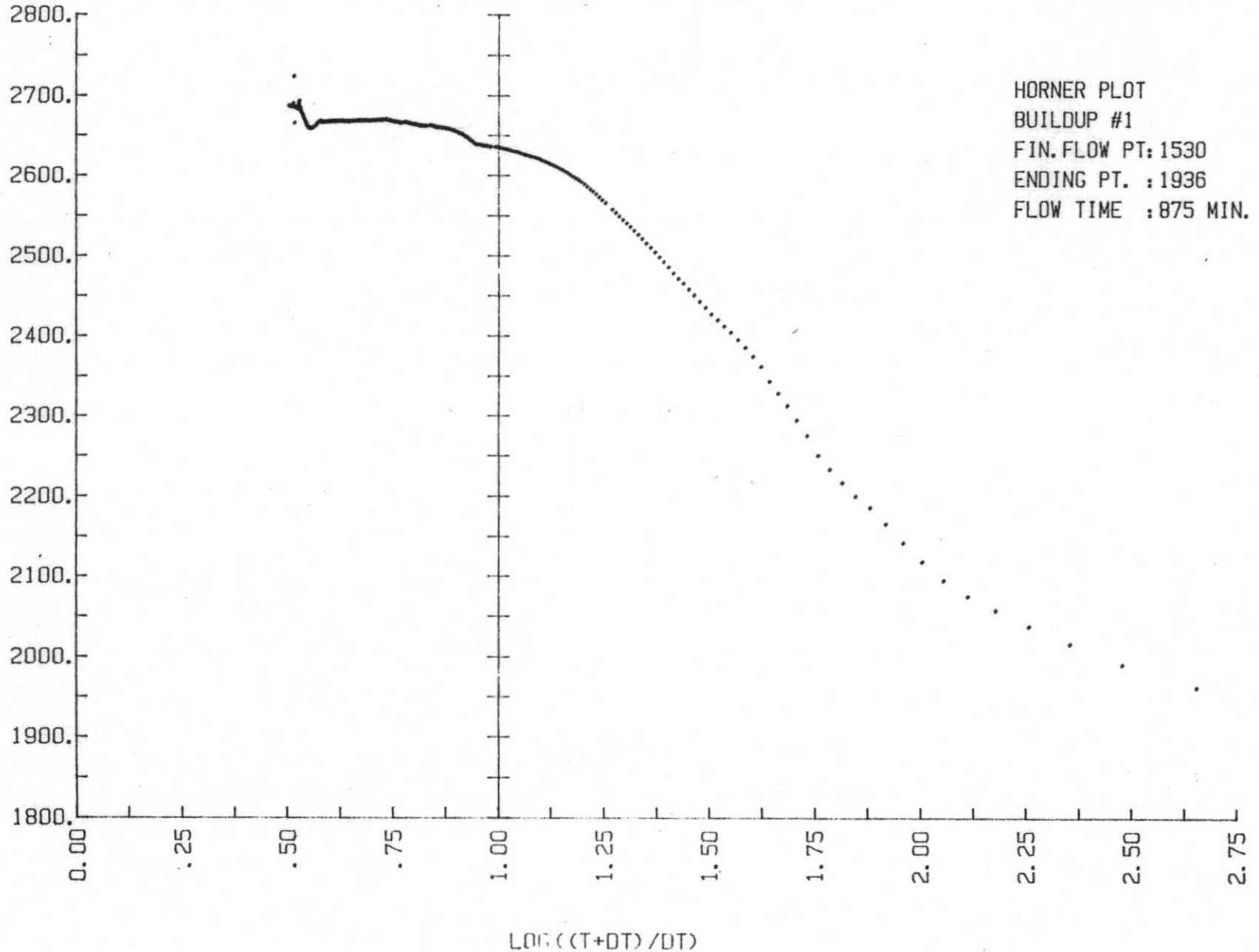
PLOT 2.7

3175534

5 cm

Lease Name YOLLA #1 | Well no. 1 | Ticket no. 316608 | Date 1/10/85

Lease Owner AMOCO AUST. | Test no. 3 | Gauge no. 62530 | Start Time 22:00:00



317535

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUST.
Lease: YOLLA #1
Well # 1
Ticket # 316608
Date: 1 / 10 / 85
E. M. R. 61772 E. P. G. 62530
Test # 3
Start Time : 22: 00: 00

DATA POINTS

HALLIBURTON SERVICES DRILL STEM TESTING

317536

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00

DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
	1:01:45:00				RUN IN HOLE WITH TOOL STRING
1	2:05:00:57	1860.96		181.31	
2	2:05:01:55	1861.92	3040.52		
3	2:05:02:52	1862.88	3040.47		
4	2:05:03:50	1863.84	3040.47		
5	2:05:04:48	1864.80	3040.43		
6	2:05:05:45	1865.76	3040.43		
7	2:05:06:43	1866.72	3040.39		
8	2:05:07:40	1867.68	3040.39		
9	2:05:08:38	1868.64	3040.34		
10	2:05:09:36	1869.60	3040.34		
11	2:05:10:33	1870.56	3040.30		
12	2:05:11:31	1871.52	3040.25		
13	2:05:12:28	1872.48	3040.25		
14	2:05:13:26	1873.44	3040.21		
15	2:05:14:24	1874.40	3040.21		
16	2:05:15:21	1875.36	3040.16		
17	2:05:16:19	1876.32	3040.16		
18	2:05:17:16	1877.28	3040.16		
19	2:05:18:14	1878.24	3040.16		
20	2:05:19:12	1879.20	3040.08		
21	2:05:20:09	1880.16	3040.08		
22	2:05:21:07	1881.12	3040.08		
23	2:05:22:04	1882.08	3040.08		
24	2:05:23:02	1883.04	3040.03		
25	2:05:24:00	1884.00	3039.99		
26	2:05:24:57	1884.96	3039.99		
27	2:05:25:55	1885.92	3039.94		
28	2:05:26:52	1886.88	3039.94		
29	2:05:27:50	1887.84	3039.90		
30	2:05:28:48	1888.80	3039.85		
31	2:05:29:45	1889.76	3039.81		
32	2:05:30:43	1890.72	3039.81		
33	2:05:31:40	1891.68	3039.77		
34	2:05:32:38	1892.64	3039.72		
35	2:05:33:36	1893.60	3039.72		
36	2:05:34:33	1894.56	3039.68		
37	2:05:35:31	1895.52	3039.68		
38	2:05:36:28	1896.48	3039.68		
39	2:05:37:26	1897.44	3039.59		
40	2:05:38:24	1898.40	3039.54		
41	2:05:39:21	1899.36	3039.50		
42	2:05:40:19	1900.32	3039.50		
43	2:05:41:16	1901.28	3039.46		
44	2:05:42:14	1902.24	3039.46		
45	2:05:43:12	1903.20	3039.41		
46	2:05:44:09	1904.16	3039.41		
47	2:05:45:07	1905.12	3039.37		
48	2:05:46:04	1906.08	3039.32		
49	2:05:47:02	1907.04	3039.28		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317537

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
50	2:05:48:00	1908.00	3039.23		
51	2:05:48:57	1908.96	3039.19		
52	2:05:49:55	1909.92		181.53	
53	2:05:50:52	1910.88	3039.36		
54	2:05:51:50	1911.84	3039.32		
55	2:05:52:48	1912.80	3039.27		
56	2:05:53:45	1913.76	3039.23		
57	2:05:54:43	1914.72	3039.14		
58	2:05:55:40	1915.68	3039.14		
59	2:05:56:38	1916.64	3039.10		
60	2:05:57:36	1917.60	3039.10		
61	2:05:58:33	1918.56	3039.05		
62	2:05:59:31	1919.52	3039.01		
63	2:06:00:28	1920.48	3038.96		
64	2:06:01:26	1921.44	3038.92		
65	2:06:02:24	1922.40	3038.87		
66	2:06:03:21	1923.36	3038.87		
67	2:06:04:19	1924.32	3038.83		
68	2:06:05:16	1925.28	3038.79		
69	2:06:06:14	1926.24	3038.70		
70	2:06:07:12	1927.20	3038.70		
71	2:06:08:09	1928.16	3038.65		
72	2:06:09:07	1929.12	3038.61		
73	2:06:10:04	1930.08	3038.56		
74	2:06:11:02	1931.04	3038.52		
75	2:06:12:00	1932.00	3038.48		
76	2:06:12:57	1932.96	3038.43		
77	2:06:13:55	1933.92	3038.39		
78	2:06:14:52	1934.88	3038.30		
79	2:06:15:50	1935.84	3038.25		
80	2:06:16:48	1936.80	3038.21		
81	2:06:17:45	1937.76	3038.17		
82	2:06:18:43	1938.72	3038.12		
83	2:06:19:40	1939.68	3038.08		
84	2:06:20:38	1940.64	3038.03		
85	2:06:21:36	1941.60	3037.99		
86	2:06:22:33	1942.56	3037.90		
87	2:06:23:31	1943.52	3037.90		
88	2:06:24:28	1944.48	3037.81		
89	2:06:25:26	1945.44	3037.77		
90	2:06:26:24	1946.40	3037.72		
91	2:06:27:21	1947.36	3037.68		
92	2:06:28:19	1948.32	3037.68		
93	2:06:29:16	1949.28	3037.63		
94	2:06:30:14	1950.24	3037.55		
95	2:06:31:12	1951.20	3037.55		
96	2:06:32:09	1952.16	3037.41		
97	2:06:33:07	1953.12	3037.41		
98	2:06:34:04	1954.08	3037.37		
99	2:06:35:02	1955.04	3037.32		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317538

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
100	2:06:36:00	1956.00	3037.28		
101	2:06:36:57	1956.96	3037.19		
102	2:06:37:55	1957.92	3037.15		
103	2:06:38:52	1958.88		181.74	
104	2:06:39:50	1959.84	3037.18		
105	2:06:40:48	1960.80	3037.18		
106	2:06:41:45	1961.76	3037.14		
107	2:06:42:43	1962.72	3037.05		
108	2:06:43:40	1963.68	3037.01		
109	2:06:44:38	1964.64	3036.96		
110	2:06:45:36	1965.60	3036.92		
111	2:06:46:33	1966.56	3036.83		
112	2:06:47:31	1967.52	3036.78		
113	2:06:48:28	1968.48	3036.74		
114	2:06:49:26	1969.44	3036.70		
115	2:06:50:24	1970.40	3036.61		
116	2:06:51:21	1971.36	3036.56		
117	2:06:52:19	1972.32	3036.52		
118	2:06:53:16	1973.28	3036.48		
119	2:06:54:14	1974.24	3036.43		
120	2:06:55:12	1975.20	3036.34		
121	2:06:56:09	1976.16	3036.30		
122	2:06:57:07	1977.12	3036.21		
123	2:06:58:04	1978.08	3036.21		
124	2:06:59:02	1979.04	3036.17		
125	2:07:00:00	1980.00	3036.12		
126	2:07:00:57	1980.96	3036.08		
127	2:07:01:55	1981.92	3036.03		
128	2:07:02:52	1982.88	3035.99		
129	2:07:03:50	1983.84	3035.99		
130	2:07:04:48	1984.80	3035.94		
131	2:07:05:45	1985.76	3035.90		
132	2:07:06:43	1986.72	3035.86		
133	2:07:07:40	1987.68	3035.81		
134	2:07:08:38	1988.64	3035.81		
135	2:07:09:36	1989.60	3035.72		
136	2:07:10:33	1990.56	3035.68		
137	2:07:11:31	1991.52	3035.59		
138	2:07:12:28	1992.48	3035.50		
139	2:07:13:26	1993.44	3035.46		
140	2:07:14:24	1994.40	3035.37		
141	2:07:15:21	1995.36	3035.32		
142	2:07:16:19	1996.32	3035.28		
143	2:07:17:16	1997.28	3035.24		
144	2:07:18:14	1998.24	3035.24		
145	2:07:19:12	1999.20	3035.19		
146	2:07:20:09	2000.16	3035.15		
147	2:07:21:07	2001.12	3035.10		
148	2:07:22:04	2002.08	3035.01		
149	2:07:23:02	2003.04	3034.97		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317539

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
150	2:07:24:00	2004.00	3034.93		
151	2:07:24:57	2004.96	3034.88		
152	2:07:25:55	2005.92	3034.79		
153	2:07:26:52	2006.88	3034.70		
154	2:07:27:50	2007.84		181.94	
155	2:07:28:48	2008.80	3034.78		
156	2:07:29:45	2009.76	3034.69		
157	2:07:30:43	2010.72	3034.65		
158	2:07:31:40	2011.68	3034.60		
159	2:07:32:38	2012.64	3034.56		
160	2:07:33:36	2013.60	3034.51		
161	2:07:34:33	2014.56	3034.42		
162	2:07:35:31	2015.52	3034.34		
163	2:07:36:28	2016.48	3034.29		
164	2:07:37:26	2017.44	3034.25		
165	2:07:38:24	2018.40	3034.20		
166	2:07:39:21	2019.36	3034.16		
167	2:07:40:19	2020.32	3034.07		
168	2:07:41:16	2021.28	3034.03		
169	2:07:42:14	2022.24	3034.03		
170	2:07:43:12	2023.20	3033.94		
171	2:07:44:09	2024.16	3033.89		
172	2:07:45:07	2025.12	3033.80		
173	2:07:46:04	2026.08	3033.80		
174	2:07:47:02	2027.04	3033.72		
175	2:07:48:00	2028.00	3033.63		
176	2:07:48:57	2028.96	3033.58		
177	2:07:49:55	2029.92	3033.49		
178	2:07:50:52	2030.88	3033.45		
179	2:07:51:50	2031.84	3033.36		
180	2:07:52:48	2032.80	3033.36		
181	2:07:53:45	2033.76	3033.27		
182	2:07:54:43	2034.72	3033.18		
183	2:07:55:40	2035.68	3033.14		
184	2:07:56:38	2036.64	3033.05		
185	2:07:57:36	2037.60	3033.01		
186	2:07:58:33	2038.56	3032.96		
187	2:07:59:31	2039.52	3032.61		
188	2:08:00:28	2040.48	3032.43		
189	2:08:01:26	2041.44	3032.43		
190	2:08:02:24	2042.40	3032.30		
191	2:08:03:21	2043.36	3032.21		
192	2:08:04:19	2044.32	3032.17		
193	2:08:05:16	2045.28	3032.08		
194	2:08:06:14	2046.24	3031.99		
195	2:08:07:12	2047.20	3031.90		
196	2:08:08:09	2048.16	3031.77		
197	2:08:09:07	2049.12	3059.94		
	2:08:09:30				OPEN LPR TESTER
198	2:08:10:04	2050.08	1732.15		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317540

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
199	2:08:11:02	2051.04	1730.11		
200	2:08:12:00	2052.00	1730.96		
201	2:08:12:57	2052.96	1731.26		
202	2:08:13:55	2053.92	1730.49		
203	2:08:14:52	2054.88	1731.47		
204	2:08:15:50	2055.84	1731.56		
205	2:08:16:48	2056.80		181.76	
206	2:08:17:45	2057.76	1731.63		
207	2:08:18:43	2058.72	1731.71		
208	2:08:19:40	2059.68	1731.75		
209	2:08:20:38	2060.64	1731.80		
210	2:08:21:36	2061.60	1733.84		
211	2:08:22:33	2062.56	1734.47		
212	2:08:23:31	2063.52	1734.73		
213	2:08:24:28	2064.48	1734.98		
214	2:08:25:26	2065.44	1735.32		
215	2:08:26:24	2066.40	1735.62		
216	2:08:27:21	2067.36	1735.92		
217	2:08:28:19	2068.32	1736.18		
218	2:08:29:16	2069.28	1736.39		
219	2:08:30:14	2070.24	1736.56		
220	2:08:31:12	2071.20	1736.86		
221	2:08:32:09	2072.16	1737.20		
222	2:08:33:07	2073.12	1737.41		
223	2:08:34:04	2074.08	1737.62		
224	2:08:35:02	2075.04	1737.71		
225	2:08:36:00	2076.00	1737.92		
226	2:08:36:57	2076.96	1738.73		
227	2:08:37:55	2077.92	1739.41		
228	2:08:38:52	2078.88	1744.13		
229	2:08:39:50	2079.84	1737.15		
230	2:08:40:48	2080.80	1738.30		
231	2:08:41:45	2081.76	1740.60		
232	2:08:42:43	2082.72	1788.27		
233	2:08:43:40	2083.68	1737.49		
234	2:08:44:38	2084.64	1745.23		
235	2:08:45:36	2085.60	1739.19		
236	2:08:46:33	2086.56	1738.56		
237	2:08:47:31	2087.52	1739.62		
238	2:08:48:28	2088.48	1739.02		
239	2:08:49:26	2089.44	1739.24		
240	2:08:50:24	2090.40	1737.03		
241	2:08:51:21	2091.36	1738.85		
242	2:08:52:19	2092.32	1739.24		
243	2:08:53:16	2093.28	1739.36		
244	2:08:54:14	2094.24	1739.49		
245	2:08:55:12	2095.20	1737.92		
246	2:08:56:09	2096.16	1737.58		
247	2:08:57:07	2097.12	1738.81		
248	2:08:58:04	2098.08	1738.68		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317541

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
249	2:08:59:02	2099.04	1739.36		
250	2:09:00:00	2100.00	1739.24		
251	2:09:00:57	2100.96	1736.94		
252	2:09:01:55	2101.92	1737.28		
253	2:09:02:52	2102.88	1736.73		
254	2:09:03:50	2103.84	1736.52		
255	2:09:04:48	2104.80	1736.18		
256	2:09:05:45	2105.76		182.06	
257	2:09:06:43	2106.72	1739.40		
258	2:09:07:40	2107.68	1737.10		
259	2:09:08:38	2108.64	1737.44		
260	2:09:09:36	2109.60	1739.57		
261	2:09:10:33	2110.56	1737.01		
262	2:09:11:31	2111.52	1737.06		
263	2:09:12:28	2112.48	1735.36		
264	2:09:13:26	2113.44	1733.27		
265	2:09:14:24	2114.40	1737.14		
266	2:09:15:21	2115.36	1735.48		
267	2:09:16:19	2116.32	1735.10		
268	2:09:17:16	2117.28	1735.36		
269	2:09:18:14	2118.24	1737.52		
270	2:09:19:12	2119.20	1740.63		
271	2:09:20:09	2120.16	1738.21		
272	2:09:21:07	2121.12	1738.16		
273	2:09:22:04	2122.08	1738.38		
274	2:09:23:02	2123.04	1738.21		
275	2:09:24:00	2124.00	1738.84		
276	2:09:24:57	2124.96	1738.55		
277	2:09:25:55	2125.92	1736.97		
278	2:09:26:52	2126.88	1738.89		
279	2:09:27:50	2127.84	1736.46		
280	2:09:28:48	2128.80	1737.18		
281	2:09:29:45	2129.76	1736.93		
282	2:09:30:43	2130.72	1736.80		
283	2:09:31:40	2131.68	1736.59		
284	2:09:32:38	2132.64	1736.38		
285	2:09:33:36	2133.60	1736.33		
286	2:09:34:33	2134.56	1724.00		
287	2:09:35:31	2135.52	1712.79		
288	2:09:36:28	2136.48	1738.12		
289	2:09:37:26	2137.44	1737.99		
290	2:09:38:24	2138.40	1737.65		
291	2:09:39:21	2139.36	1738.08		
292	2:09:40:19	2140.32	1738.08		
293	2:09:41:16	2141.28	1738.04		
294	2:09:42:14	2142.24	1737.44		
295	2:09:43:12	2143.20	1737.86		
296	2:09:44:09	2144.16	1738.21		
297	2:09:45:07	2145.12	1737.82		
298	2:09:46:04	2146.08	1737.74		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317542

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
299	2:09:47:02	2147.04	1738.50		
300	2:09:48:00	2148.00	1738.08		
301	2:09:48:57	2148.96	1737.86		
302	2:09:49:55	2149.92	1737.74		
303	2:09:50:52	2150.88	1737.74		
304	2:09:51:50	2151.84	1738.04		
305	2:09:52:48	2152.80	1738.38		
306	2:09:53:45	2153.76	1738.50		
307	2:09:54:43	2154.72		182.83	
308	2:09:55:40	2155.68	1739.08		
309	2:09:56:38	2156.64	1739.04		
310	2:09:57:36	2157.60	1739.08		
311	2:09:58:33	2158.56	1738.83		
312	2:09:59:31	2159.52	1739.00		
313	2:10:00:28	2160.48	1739.46		
314	2:10:01:26	2161.44	1736.91		
315	2:10:02:24	2162.40	1737.00		
316	2:10:03:21	2163.36	1737.29		
317	2:10:04:19	2164.32	1737.38		
318	2:10:05:16	2165.28	1739.12		
319	2:10:06:14	2166.24	1737.29		
320	2:10:07:12	2167.20	1737.47		
321	2:10:08:09	2168.16	1738.57		
322	2:10:09:07	2169.12	1738.23		
323	2:10:10:04	2170.08	1737.47		
324	2:10:11:02	2171.04	1737.34		
325	2:10:12:00	2172.00	1737.38		
326	2:10:12:57	2172.96	1738.78		
327	2:10:13:55	2173.92	1737.12		
328	2:10:14:52	2174.88	1736.87		
329	2:10:15:50	2175.84	1738.44		
330	2:10:16:48	2176.80	1737.98		
331	2:10:17:45	2177.76	1738.36		
332	2:10:18:43	2178.72	1738.23		
	2:10:19:30				PERFORATE INTERVAL#1
333	2:10:19:40	2179.68	1748.48		
	2:10:19:30				6014.4 FT TO 6016.4 FT
334	2:10:20:38	2180.64	1773.63		
	2:10:19:30				INITIAL FLOW & BUILDUP PERIOD
335	2:10:21:36	2181.60	1797.57		
336	2:10:22:33	2182.56	1822.71		
337	2:10:23:31	2183.52	1846.86		
338	2:10:24:28	2184.48	1868.41		
339	2:10:25:26	2185.44	1889.09		
340	2:10:26:24	2186.40	1910.07		
341	2:10:27:21	2187.36	1927.22		
342	2:10:28:19	2188.32	1943.18		
343	2:10:29:16	2189.28	1958.17		
344	2:10:30:14	2190.24	1971.06		
345	2:10:31:12	2191.20	1981.21		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317543

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
346	2:10:32:09	2192.16	1993.47		
347	2:10:33:07	2193.12	2007.49		
348	2:10:34:04	2194.08	2018.56		
349	2:10:35:02	2195.04	2030.62		
350	2:10:36:00	2196.00	2039.68		
351	2:10:36:57	2196.96	2049.90		
352	2:10:37:55	2197.92	2057.33		
353	2:10:38:52	2198.88	2065.27		
354	2:10:39:50	2199.84	2076.66		
355	2:10:40:48	2200.80	2087.75		
356	2:10:41:45	2201.76	2112.87		
357	2:10:42:43	2202.72	2111.50		
358	2:10:43:40	2203.68		191.14	
359	2:10:44:38	2204.64	2134.59		
360	2:10:45:36	2205.60	2144.36		
361	2:10:46:33	2206.56	2156.55		
362	2:10:47:31	2207.52	2170.25		
363	2:10:48:28	2208.48	2172.19		
364	2:10:49:26	2209.44	2176.72		
365	2:10:50:24	2210.40	2183.23		
366	2:10:51:21	2211.36	2192.28		
367	2:10:52:19	2212.32	2201.30		
368	2:10:53:16	2213.28	2209.76		
369	2:10:54:14	2214.24	2216.62		
370	2:10:55:12	2215.20	2225.12		
371	2:10:56:09	2216.16	2232.81		
372	2:10:57:07	2217.12	2242.52		
373	2:10:58:04	2218.08	2252.50		
374	2:10:59:02	2219.04	2263.26		
375	2:11:00:00	2220.00	2271.82		
376	2:11:00:57	2220.96	2285.40		
377	2:11:01:55	2221.92	2297.51		
378	2:11:02:52	2222.88	2307.90		
379	2:11:03:50	2223.84	2318.64		
380	2:11:04:48	2224.80	2329.94		
381	2:11:05:45	2225.76	2342.46		
382	2:11:06:43	2226.72	2355.16		
383	2:11:07:40	2227.68	2367.51		
384	2:11:08:38	2228.64	2384.04		
385	2:11:09:36	2229.60	2400.74		
386	2:11:10:33	2230.56	2417.37		
387	2:11:11:31	2231.52	2433.97		
388	2:11:12:28	2232.48	2451.66		
389	2:11:13:26	2233.44	2468.62		
390	2:11:14:24	2234.40	2484.37		
391	2:11:15:21	2235.36	2495.47		
392	2:11:16:19	2236.32	2510.36		
393	2:11:17:16	2237.28	2523.56		
394	2:11:18:14	2238.24	2533.19		
395	2:11:19:12	2239.20	2542.78		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317544

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
396	2:11:20:09	2240.16	2552.16		
397	2:11:21:07	2241.12	2561.54		
398	2:11:22:04	2242.08	2568.73		
399	2:11:23:02	2243.04	2575.37		
400	2:11:24:00	2244.00	2582.74		
401	2:11:24:57	2244.96	2589.51		
402	2:11:25:55	2245.92	2593.27		
403	2:11:26:52	2246.88	2597.11		
404	2:11:27:50	2247.84	2603.83		
405	2:11:28:48	2248.80	2609.08		
406	2:11:29:45	2249.76	2613.32		
407	2:11:30:43	2250.72	2615.24		
408	2:11:31:40	2251.68	2615.67		
409	2:11:32:38	2252.64		194.44	
410	2:11:33:36	2253.60	2625.66		
411	2:11:34:33	2254.56	2628.37		
412	2:11:35:31	2255.52	2630.34		
413	2:11:36:28	2256.48	2631.95		
414	2:11:37:26	2257.44	2633.22		
415	2:11:38:24	2258.40	2634.53		
416	2:11:39:21	2259.36	2635.50		
417	2:11:40:19	2260.32	2636.37		
418	2:11:41:16	2261.28	2636.72		
419	2:11:42:14	2262.24	2637.33		
420	2:11:43:12	2263.20	2637.68		
421	2:11:44:09	2264.16	2638.12		
422	2:11:45:07	2265.12	2639.47		
423	2:11:46:04	2266.08	2640.70		
424	2:11:47:02	2267.04	2641.75		
425	2:11:48:00	2268.00	2642.49		
426	2:11:48:57	2268.96	2643.67		
427	2:11:49:55	2269.92	2644.55		
428	2:11:50:52	2270.88	2645.38		
429	2:11:51:50	2271.84	2645.99		
430	2:11:52:48	2272.80	2646.47		
431	2:11:53:45	2273.76	2647.08		
432	2:11:54:43	2274.72	2647.65		
433	2:11:55:40	2275.68	2648.13		
434	2:11:56:38	2276.64	2648.83		
435	2:11:57:36	2277.60	2649.40		
436	2:11:58:33	2278.56	2649.75		
437	2:11:59:31	2279.52	2650.32		
438	2:12:00:28	2280.48	2651.02		
439	2:12:01:26	2281.44	2651.76		
440	2:12:02:24	2282.40	2652.64		
441	2:12:03:21	2283.36	2653.56		
442	2:12:04:19	2284.32	2654.52		
443	2:12:05:16	2285.28	2655.57		
444	2:12:06:14	2286.24	2656.79		
445	2:12:07:12	2287.20	2658.06		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317545

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
446	2:12:08:09	2288.16	2659.55		
447	2:12:09:07	2289.12	2660.91		
448	2:12:10:04	2290.08	2662.48		
449	2:12:11:02	2291.04	2664.01		
450	2:12:12:00	2292.00	2665.63		
451	2:12:12:57	2292.96	2667.21		
452	2:12:13:55	2293.92	2669.05		
453	2:12:14:52	2294.88	2670.88		
454	2:12:15:50	2295.84	2672.81		
455	2:12:16:48	2296.80	2674.60		
456	2:12:17:45	2297.76	2676.66		
457	2:12:18:43	2298.72	2678.89		
458	2:12:19:40	2299.68	2680.65		
459	2:12:20:38	2300.64	2682.92		
460	2:12:21:36	2301.60		190.79	
461	2:12:22:33	2302.56	2685.16		
462	2:12:23:31	2303.52	2687.66		
463	2:12:24:28	2304.48	2690.06		
464	2:12:25:26	2305.44	2692.43		
465	2:12:26:24	2306.40	2695.50		
466	2:12:27:21	2307.36	2698.61		
467	2:12:28:19	2308.32	2701.80		
468	2:12:29:16	2309.28	2704.30		
469	2:12:30:14	2310.24	2706.62		
470	2:12:31:12	2311.20	2709.25		
471	2:12:32:09	2312.16	2712.93		
472	2:12:33:07	2313.12	2715.74		
473	2:12:34:04	2314.08	2718.72		
474	2:12:35:02	2315.04	2721.09		
475	2:12:36:00	2316.00	2723.10		
476	2:12:36:57	2316.96	2726.57		
477	2:12:37:55	2317.92	2729.16		
478	2:12:38:52	2318.88	2731.26		
479	2:12:39:50	2319.84	2735.34		
480	2:12:40:48	2320.80	2738.23		
481	2:12:41:45	2321.76	2741.74		
482	2:12:42:43	2322.72	2744.86		
483	2:12:43:40	2323.68	2748.15		
484	2:12:44:38	2324.64	2751.31		
485	2:12:45:36	2325.60	2754.91		
486	2:12:46:33	2326.56	2758.59		
487	2:12:47:31	2327.52	2762.54		
488	2:12:48:28	2328.48	2765.92		
489	2:12:49:26	2329.44	2769.96		
490	2:12:50:24	2330.40	2774.92		
491	2:12:51:21	2331.36	2777.73		
492	2:12:52:19	2332.32	2783.36		
493	2:12:53:16	2333.28	2788.06		
494	2:12:54:14	2334.24	2792.10		
495	2:12:55:12	2335.20	2795.00		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317546

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
496	2:12:56:09	2336.16	2798.20		
497	2:12:57:07	2337.12	2802.86		
498	2:12:58:04	2338.08	2807.04		
499	2:12:59:02	2339.04	2812.67		
500	2:13:00:00	2340.00	2817.02		
501	2:13:00:57	2340.96	2822.38		
502	2:13:01:55	2341.92	2829.16		
503	2:13:02:52	2342.88	2836.46		
504	2:13:03:50	2343.84	2842.79		
505	2:13:04:48	2344.80	2848.03		
506	2:13:05:45	2345.76	2851.60		
507	2:13:06:43	2346.72	2856.22		
508	2:13:07:40	2347.68	2860.66		
509	2:13:08:38	2348.64	2865.20		
510	2:13:09:36	2349.60	2871.94		
511	2:13:10:33	2350.56		189.80	
512	2:13:11:31	2351.52	2879.72		
513	2:13:12:28	2352.48	2883.99		
514	2:13:13:26	2353.44	2888.57		
515	2:13:14:24	2354.40	2892.41		
516	2:13:15:21	2355.36	2897.21		
517	2:13:16:19	2356.32	2901.40		
518	2:13:17:16	2357.28	2905.28		
519	2:13:18:14	2358.24	2910.17		
520	2:13:19:12	2359.20	2914.85		
521	2:13:20:09	2360.16	2918.64		
522	2:13:21:07	2361.12	2922.34		
523	2:13:22:04	2362.08	2925.61		
524	2:13:23:02	2363.04	2930.37		
525	2:13:24:00	2364.00	2933.64		
526	2:13:24:57	2364.96	2936.37		
527	2:13:25:55	2365.92	2940.08		
528	2:13:26:52	2366.88	2943.70		
529	2:13:27:50	2367.84	2947.76		
530	2:13:28:48	2368.80	2951.43		
531	2:13:29:45	2369.76	2954.74		
532	2:13:30:43	2370.72	2958.67		
533	2:13:31:40	2371.68	2962.38		
534	2:13:32:38	2372.64	2965.16		
535	2:13:33:36	2373.60	2970.51		
536	2:13:34:33	2374.56	2974.04		
537	2:13:35:31	2375.52	2978.24		
538	2:13:36:28	2376.48	2980.62		
539	2:13:37:26	2377.44	2983.72		
540	2:13:38:24	2378.40	2986.72		
541	2:13:39:21	2379.36	2990.43		
542	2:13:40:19	2380.32	2992.60		
543	2:13:41:16	2381.28	2996.05		
544	2:13:42:14	2382.24	2998.48		
545	2:13:43:12	2383.20	2999.76		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317547

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
546	2:13:44:09	2384.16	3003.57		
547	2:13:45:07	2385.12	3008.52		
548	2:13:46:04	2386.08	3011.39		
549	2:13:47:02	2387.04	3013.78		
550	2:13:48:00	2388.00	3017.19		
551	2:13:48:57	2388.96	3020.24		
552	2:13:49:55	2389.92	3023.12		
553	2:13:50:52	2390.88	3027.19		
554	2:13:51:50	2391.84	3030.99		
555	2:13:52:48	2392.80	3034.05		
556	2:13:53:45	2393.76	3035.29		
557	2:13:54:43	2394.72	3036.88		
558	2:13:55:40	2395.68	3041.66		
559	2:13:56:38	2396.64	3043.74		
560	2:13:57:36	2397.60	3046.97		
561	2:13:58:33	2398.56	3048.88		
562	2:13:59:31	2399.52		189.07	
563	2:14:00:28	2400.48	3054.40		
564	2:14:01:26	2401.44	3057.14		
565	2:14:02:24	2402.40	3059.80		
566	2:14:03:21	2403.36	3062.10		
567	2:14:04:19	2404.32	3065.74		
568	2:14:05:16	2405.28	3067.60		
569	2:14:06:14	2406.24	3070.39		
570	2:14:07:12	2407.20	3073.85		
571	2:14:08:09	2408.16	3078.37		
572	2:14:09:07	2409.12	3080.63		
573	2:14:10:04	2410.08	3082.62		
574	2:14:11:02	2411.04	3084.93		
575	2:14:12:00	2412.00	3087.85		
576	2:14:12:57	2412.96	3090.16		
577	2:14:13:55	2413.92	3092.24		
578	2:14:14:52	2414.88	3093.26		
579	2:14:15:50	2415.84	3095.83		
580	2:14:16:48	2416.80	3098.85		
581	2:14:17:45	2417.76	3099.78		
582	2:14:18:43	2418.72	3102.40		
583	2:14:19:40	2419.68	3104.22		
584	2:14:20:38	2420.64	3106.26		
585	2:14:21:36	2421.60	3108.47		
586	2:14:22:33	2422.56	3110.91		
587	2:14:23:31	2423.52	3113.18		
588	2:14:24:28	2424.48	3116.42		
589	2:14:25:26	2425.44	3118.86		
590	2:14:26:24	2426.40	3121.48		
591	2:14:27:21	2427.36	3123.69		
592	2:14:28:19	2428.32	3126.85		
593	2:14:29:16	2429.28	3128.93		
594	2:14:30:14	2430.24	3130.31		
595	2:14:31:12	2431.20	3132.93		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317548

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
596	2:14:32:09	2432.16	3135.06		
597	2:14:33:07	2433.12	3136.75		
598	2:14:34:04	2434.08	3138.61		
599	2:14:35:02	2435.04	3140.21		
600	2:14:36:00	2436.00	3141.67		
601	2:14:36:57	2436.96	3143.05		
602	2:14:37:55	2437.92	3144.69		
603	2:14:38:52	2438.88	3147.00		
604	2:14:39:50	2439.84	3149.40		
605	2:14:40:48	2440.80	3151.05		
606	2:14:41:45	2441.76	3152.07		
607	2:14:42:43	2442.72	3153.09		
608	2:14:43:40	2443.68	3154.73		
609	2:14:44:38	2444.64	3157.58		
610	2:14:45:36	2445.60	3161.31		
611	2:14:46:33	2446.56	3164.46		
612	2:14:47:31	2447.52	3165.53		
613	2:14:48:28	2448.48		188.66	
	2:14:49:20				OPEN SSLV CLOSED AT SURFACE
614	2:14:49:26	2449.44	3033.07		
615	2:14:50:24	2450.40	3044.80		
616	2:14:51:21	2451.36	3046.09		
617	2:14:52:19	2452.32	3048.39		
618	2:14:53:16	2453.28	3050.96		
619	2:14:54:14	2454.24	3051.84		
620	2:14:55:12	2455.20	3052.07		
621	2:14:56:09	2456.16	3052.11		
622	2:14:57:07	2457.12	3056.10		
623	2:14:58:04	2458.08	3058.62		
624	2:14:59:02	2459.04	3058.75		
625	2:15:00:00	2460.00	3059.20		
626	2:15:00:57	2460.96	3061.50		
627	2:15:01:55	2461.92	3063.36		
628	2:15:02:52	2462.88	3062.83		
629	2:15:03:50	2463.84	3062.52		
630	2:15:04:48	2464.80	3069.56		
631	2:15:05:45	2465.76	3069.65		
632	2:15:06:43	2466.72	3069.56		
633	2:15:07:40	2467.68	3073.15		
634	2:15:08:38	2468.64	3073.15		
635	2:15:09:36	2469.60	3081.53		
636	2:15:10:33	2470.56	3081.04		
637	2:15:11:31	2471.52	3083.66		
638	2:15:12:28	2472.48	3085.65		
639	2:15:13:26	2473.44	3087.20		
640	2:15:14:24	2474.40	3088.00		
641	2:15:15:21	2475.36	3090.57		
642	2:15:16:19	2476.32	3092.48		
643	2:15:17:16	2477.28	3095.41		
644	2:15:18:14	2478.24	3097.54		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317549

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00

DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
645	2:15:19:12	2479.20	3099.62		
646	2:15:20:09	2480.16	3102.37		
647	2:15:21:07	2481.12	3104.59		
648	2:15:22:04	2482.08	3106.10		
649	2:15:23:02	2483.04	3108.14		
650	2:15:24:00	2484.00	3111.02		
651	2:15:24:57	2484.96	3113.28		
652	2:15:25:55	2485.92	3115.37		
653	2:15:26:52	2486.88	3117.37		
654	2:15:27:50	2487.84	3118.65		
655	2:15:28:48	2488.80	3120.16		
656	2:15:29:45	2489.76	3122.47		
657	2:15:30:43	2490.72	3124.82		
658	2:15:31:40	2491.68	3126.91		
659	2:15:32:38	2492.64	3129.04		
660	2:15:33:36	2493.60	3130.55		
661	2:15:34:33	2494.56	3132.37		
662	2:15:35:31	2495.52	3139.34		
663	2:15:36:28	2496.48	3137.87		
664	2:15:37:26	2497.44		188.06	
665	2:15:38:24	2498.40	3136.68		
666	2:15:39:21	2499.36	3141.52		
667	2:15:40:19	2500.32	3140.81		
668	2:15:41:16	2501.28	3144.76		
669	2:15:42:14	2502.24	3145.47		
670	2:15:43:12	2503.20	3154.36		
671	2:15:44:09	2504.16	3161.78		
672	2:15:45:07	2505.12	3163.51		
673	2:15:46:04	2506.08	3164.80		
674	2:15:47:02	2507.04	3163.06		
675	2:15:48:00	2508.00	3163.29		
676	2:15:48:57	2508.96	3160.89		
677	2:15:49:55	2509.92	3165.69		
678	2:15:50:52	2510.88	3171.11		
679	2:15:51:50	2511.84	3177.64		
680	2:15:52:48	2512.80	3174.53		
681	2:15:53:45	2513.76	3167.69		
682	2:15:54:43	2514.72	3168.49		
683	2:15:55:40	2515.68	3170.98		
684	2:15:56:38	2516.64	3171.33		
685	2:15:57:36	2517.60	3172.58		
	2:15:58:00				OPEN SURFACE MANIFOLD
686	2:15:58:33	2518.56	3171.95		
687	2:15:59:31	2519.52	3172.40		
688	2:16:00:28	2520.48	3168.98		
689	2:16:01:26	2521.44	3167.95		
690	2:16:02:24	2522.40	3164.44		
691	2:16:03:21	2523.36	3163.42		
692	2:16:04:19	2524.32	3164.93		
693	2:16:05:16	2525.28	3166.31		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317550

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00

DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
694	2:16:06:14	2526.24	3168.13		
695	2:16:07:12	2527.20	3170.93		
696	2:16:08:09	2528.16	3171.69		
697	2:16:09:07	2529.12	3171.24		
698	2:16:10:04	2530.08	3171.91		
699	2:16:11:02	2531.04	3173.06		
	2:16:12:00				2ND FLOW PERIOD FOR INTERVAL
700	2:16:12:00	2532.00	3165.06		
	2:16:12:00				6014.4 FT TO 6016.4 FT
701	2:16:12:57	2532.96	3110.80		
702	2:16:13:55	2533.92	3039.10		
703	2:16:14:52	2534.88	2973.42		
704	2:16:15:50	2535.84	2922.91		
705	2:16:16:48	2536.80	2873.37		
706	2:16:17:45	2537.76	2826.97		
707	2:16:18:43	2538.72	2783.81		
708	2:16:19:40	2539.68	2737.85		
709	2:16:20:38	2540.64	2693.92		
710	2:16:21:36	2541.60	2648.48		
711	2:16:22:33	2542.56	2609.05		
712	2:16:23:31	2543.52	2577.26		
713	2:16:24:28	2544.48	2547.20		
714	2:16:25:26	2545.44	2517.29		
715	2:16:26:24	2546.40		186.70	
716	2:16:27:21	2547.36	2470.94		
717	2:16:28:19	2548.32	2447.72		
718	2:16:29:16	2549.28	2425.25		
719	2:16:30:14	2550.24	2405.53		
720	2:16:31:12	2551.20	2388.90		
721	2:16:32:09	2552.16	2386.26		
722	2:16:33:07	2553.12	2383.61		
723	2:16:34:04	2554.08	2381.96		
724	2:16:35:02	2555.04	2379.97		
725	2:16:36:00	2556.00	2378.27		
726	2:16:36:57	2556.96	2378.58		
727	2:16:37:55	2557.92	2377.10		
728	2:16:38:52	2558.88	2377.28		
729	2:16:39:50	2559.84	2375.76		
730	2:16:40:48	2560.80	2376.41		
731	2:16:41:45	2561.76	2375.54		
732	2:16:42:43	2562.72	2375.15		
733	2:16:43:40	2563.68	2377.84		
734	2:16:44:38	2564.64	2379.49		
735	2:16:45:36	2565.60	2382.05		
736	2:16:46:33	2566.56	2383.44		
737	2:16:47:31	2567.52	2385.91		
738	2:16:48:28	2568.48	2388.60		
739	2:16:49:26	2569.44	2389.38		
740	2:16:50:24	2570.40	2391.16		
741	2:16:51:21	2571.36	2393.46		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317551

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
742	2:16:52:19	2572.32	2394.59		
743	2:16:53:16	2573.28	2397.15		
744	2:16:54:14	2574.24	2399.45		
745	2:16:55:12	2575.20	2400.67		
746	2:16:56:09	2576.16	2401.14		
747	2:16:57:07	2577.12	2402.71		
748	2:16:58:04	2578.08	2403.84		
749	2:16:59:02	2579.04	2404.10		
750	2:17:00:00	2580.00	2410.78		
751	2:17:00:57	2580.96	2412.30		
752	2:17:01:55	2581.92	2411.91		
753	2:17:02:52	2582.88	2415.78		
754	2:17:03:50	2583.84	2417.39		
755	2:17:04:48	2584.80	2409.83		
756	2:17:05:45	2585.76	2402.36		
757	2:17:06:43	2586.72	2399.84		
758	2:17:07:40	2587.68	2396.89		
759	2:17:08:38	2588.64	2395.85		
760	2:17:09:36	2589.60	2389.95		
761	2:17:10:33	2590.56	2386.13		
762	2:17:11:31	2591.52	2383.26		
763	2:17:12:28	2592.48	2382.00		
764	2:17:13:26	2593.44	2380.14		
765	2:17:14:24	2594.40	2379.49		
766	2:17:15:21	2595.36		187.12	
767	2:17:16:19	2596.32	2380.75		
768	2:17:17:16	2597.28	2379.58		
769	2:17:18:14	2598.24	2380.01		
770	2:17:19:12	2599.20	2379.66		
771	2:17:20:09	2600.16	2380.44		
772	2:17:21:07	2601.12	2380.83		
773	2:17:22:04	2602.08	2379.45		
774	2:17:23:02	2603.04	2378.23		
775	2:17:24:00	2604.00	2377.06		
776	2:17:24:57	2604.96	2378.23		
777	2:17:25:55	2605.92	2378.97		
778	2:17:26:52	2606.88	2378.01		
779	2:17:27:50	2607.84	2357.24		
780	2:17:28:48	2608.80	2340.60		
781	2:17:29:45	2609.76	2328.34		
782	2:17:30:43	2610.72	2315.91		
783	2:17:31:40	2611.68	2306.77		
784	2:17:32:38	2612.64	2301.49		
785	2:17:33:36	2613.60	2294.31		
786	2:17:34:33	2614.56	2290.89		
787	2:17:35:31	2615.52	2283.54		
788	2:17:36:28	2616.48	2278.61		
789	2:17:37:26	2617.44	2275.49		
790	2:17:38:24	2618.40	2271.77		
791	2:17:39:21	2619.36	2267.32		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317552

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
792	2:17:40:19	2620.32	2263.69		
793	2:17:41:16	2621.28	2260.19		
794	2:17:42:14	2622.24	2256.86		
795	2:17:43:12	2623.20	2253.57		
796	2:17:44:09	2624.16	2251.11		
797	2:17:45:07	2625.12	2248.95		
798	2:17:46:04	2626.08	2248.13		
799	2:17:47:02	2627.04	2246.75		
800	2:17:48:00	2628.00	2249.25		
801	2:17:48:57	2628.96	2250.33		
802	2:17:49:55	2629.92	2250.72		
803	2:17:50:52	2630.88	2252.45		
804	2:17:51:50	2631.84	2252.15		
805	2:17:52:48	2632.80	2253.06		
806	2:17:53:45	2633.76	2253.62		
807	2:17:54:43	2634.72	2255.73		
808	2:17:55:40	2635.68	2256.21		
809	2:17:56:38	2636.64	2255.78		
810	2:17:57:36	2637.60	2257.07		
811	2:17:58:33	2638.56	2257.03		
812	2:17:59:31	2639.52	2256.73		
813	2:18:00:28	2640.48	2256.60		
814	2:18:01:26	2641.44	2255.99		
815	2:18:02:24	2642.40	2255.56		
816	2:18:03:21	2643.36	2255.91		
817	2:18:04:19	2644.32		187.99	
818	2:18:05:16	2645.28	2254.54		
819	2:18:06:14	2646.24	2254.89		
820	2:18:07:12	2647.20	2258.82		
821	2:18:08:09	2648.16	2260.81		
822	2:18:09:07	2649.12	2264.78		
823	2:18:10:04	2650.08	2266.30		
824	2:18:11:02	2651.04	2268.59		
825	2:18:12:00	2652.00	2269.97		
826	2:18:12:57	2652.96	2270.40		
827	2:18:13:55	2653.92	2273.52		
828	2:18:14:52	2654.88	2276.11		
829	2:18:15:50	2655.84	2276.46		
830	2:18:16:48	2656.80	2279.01		
831	2:18:17:45	2657.76	2279.92		
832	2:18:18:43	2658.72	2281.56		
833	2:18:19:40	2659.68	2281.65		
834	2:18:20:38	2660.64	2282.25		
835	2:18:21:36	2661.60	2283.33		
836	2:18:22:33	2662.56	2284.20		
837	2:18:23:31	2663.52	2283.59		
838	2:18:24:28	2664.48	2284.55		
839	2:18:25:26	2665.44	2285.24		
840	2:18:26:24	2666.40	2285.80		
841	2:18:27:21	2667.36	2285.45		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317553

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
842	2:18:28:19	2668.32	2285.28		
843	2:18:29:16	2669.28	2284.50		
844	2:18:30:14	2670.24	2285.19		
845	2:18:31:12	2671.20	2287.92		
846	2:18:32:09	2672.16	2291.60		
847	2:18:33:07	2673.12	2295.19		
848	2:18:34:04	2674.08	2296.88		
849	2:18:35:02	2675.04	2298.56		
850	2:18:36:00	2676.00	2300.08		
851	2:18:36:57	2676.96	2301.64		
852	2:18:37:55	2677.92	2305.23		
853	2:18:38:52	2678.88	2306.01		
854	2:18:39:50	2679.84	2308.34		
855	2:18:40:48	2680.80	2310.29		
856	2:18:41:45	2681.76	2311.50		
857	2:18:42:43	2682.72	2313.76		
858	2:18:43:40	2683.68	2313.71		
859	2:18:44:38	2684.64	2311.81		
860	2:18:45:36	2685.60	2275.85		
861	2:18:46:33	2686.56	2250.18		
862	2:18:47:31	2687.52	2228.84		
863	2:18:48:28	2688.48	2209.11		
864	2:18:49:26	2689.44	2191.85		
865	2:18:50:24	2690.40	2180.51		
866	2:18:51:21	2691.36	2166.12		
867	2:18:52:19	2692.32	2151.98		
868	2:18:53:16	2693.28		190.68	
869	2:18:54:14	2694.24	2127.54		
870	2:18:55:12	2695.20	2115.62		
871	2:18:56:09	2696.16	2105.47		
872	2:18:57:07	2697.12	2094.25		
873	2:18:58:04	2698.08	2083.89		
874	2:18:59:02	2699.04	2073.36		
875	2:19:00:00	2700.00	2064.42		
876	2:19:00:57	2700.96	2056.90		
877	2:19:01:55	2701.92	2049.05		
878	2:19:02:52	2702.88	2040.46		
879	2:19:03:50	2703.84	2030.33		
880	2:19:04:48	2704.80	2020.98		
881	2:19:05:45	2705.76	2012.49		
882	2:19:06:43	2706.72	2005.03		
883	2:19:07:40	2707.68	1997.78		
884	2:19:08:38	2708.64	1992.47		
885	2:19:09:36	2709.60	1994.82		
886	2:19:10:33	2710.56	1996.28		
887	2:19:11:31	2711.52	1998.60		
888	2:19:12:28	2712.48	2001.34		
889	2:19:13:26	2713.44	2004.00		
890	2:19:14:24	2714.40	2007.30		
891	2:19:15:21	2715.36	2010.90		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317554

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
892	2:19:16:19	2716.32	2015.49		
893	2:19:17:16	2717.28	2018.84		
894	2:19:18:14	2718.24	2021.45		
895	2:19:19:12	2719.20	2022.48		
896	2:19:20:09	2720.16	2026.43		
897	2:19:21:07	2721.12	2030.72		
898	2:19:22:04	2722.08	2035.44		
899	2:19:23:02	2723.04	2038.19		
900	2:19:24:00	2724.00	2040.85		
901	2:19:24:57	2724.96	2044.62		
902	2:19:25:55	2725.92	2046.94		
903	2:19:26:52	2726.88	2048.83		
904	2:19:27:50	2727.84	2050.85		
905	2:19:28:48	2728.80	2051.97		
906	2:19:29:45	2729.76	2053.21		
907	2:19:30:43	2730.72	2054.46		
908	2:19:31:40	2731.68	2056.13		
909	2:19:32:38	2732.64	2057.59		
910	2:19:33:36	2733.60	2058.32		
911	2:19:34:33	2734.56	2059.95		
912	2:19:35:31	2735.52	2060.56		
913	2:19:36:28	2736.48	2061.20		
914	2:19:37:26	2737.44	2062.02		
915	2:19:38:24	2738.40	2063.05		
916	2:19:39:21	2739.36	2063.39		
917	2:19:40:19	2740.32	2064.12		
918	2:19:41:16	2741.28	2065.24		
919	2:19:42:14	2742.24		194.86	
920	2:19:43:12	2743.20	2069.57		
921	2:19:44:09	2744.16	2069.87		
922	2:19:45:07	2745.12	2070.30		
923	2:19:46:04	2746.08	2070.94		
924	2:19:47:02	2747.04	2072.75		
925	2:19:48:00	2748.00	2073.65		
926	2:19:48:57	2748.96	2074.76		
927	2:19:49:55	2749.92	2075.84		
928	2:19:50:52	2750.88	2077.56		
929	2:19:51:50	2751.84	2079.79		
930	2:19:52:48	2752.80	2081.21		
931	2:19:53:45	2753.76	2082.37		
932	2:19:54:43	2754.72	2083.92		
933	2:19:55:40	2755.68	2085.42		
934	2:19:56:38	2756.64	2083.23		
935	2:19:57:36	2757.60	2081.04		
936	2:19:58:33	2758.56	2089.98		
937	2:19:59:31	2759.52	2088.30		
938	2:20:00:28	2760.48	2087.53		
939	2:20:01:26	2761.44	2086.45		
940	2:20:02:24	2762.40	2085.21		
941	2:20:03:21	2763.36	2081.47		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317555

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
942	2:20:04:19	2764.32	2080.57		
943	2:20:05:16	2765.28	2076.40		
944	2:20:06:14	2766.24	2074.42		
945	2:20:07:12	2767.20	2075.45		
946	2:20:08:09	2768.16	2075.19		
947	2:20:09:07	2769.12	2074.08		
948	2:20:10:04	2770.08	2076.40		
949	2:20:11:02	2771.04	2074.34		
950	2:20:12:00	2772.00	2073.82		
951	2:20:12:57	2772.96	2071.54		
952	2:20:13:55	2773.92	2069.52		
953	2:20:14:52	2774.88	2066.17		
954	2:20:15:50	2775.84	2063.25		
955	2:20:16:48	2776.80	2059.69		
956	2:20:17:45	2777.76	2055.09		
957	2:20:18:43	2778.72	2051.23		
958	2:20:19:40	2779.68	2046.72		
959	2:20:20:38	2780.64	2042.13		
960	2:20:21:36	2781.60	2037.41		
961	2:20:22:33	2782.56	2033.16		
962	2:20:23:31	2783.52	2028.57		
963	2:20:24:28	2784.48	2024.24		
964	2:20:25:26	2785.44	2018.02		
965	2:20:26:24	2786.40	2012.74		
966	2:20:27:21	2787.36	2008.07		
967	2:20:28:19	2788.32	2002.71		
968	2:20:29:16	2789.28	1997.65		
969	2:20:30:14	2790.24	1993.07		
970	2:20:31:12	2791.20		185.59	
971	2:20:32:09	2792.16	1984.13		
972	2:20:33:07	2793.12	1980.14		
973	2:20:34:04	2794.08	1975.39		
974	2:20:35:02	2795.04	1970.46		
975	2:20:36:00	2796.00	1967.38		
976	2:20:36:57	2796.96	1963.53		
977	2:20:37:55	2797.92	1962.37		
978	2:20:38:52	2798.88	1961.30		
979	2:20:39:50	2799.84	1959.89		
980	2:20:40:48	2800.80	1959.07		
981	2:20:41:45	2801.76	1958.26		
982	2:20:42:43	2802.72	1958.13		
983	2:20:43:40	2803.68	1957.49		
984	2:20:44:38	2804.64	1957.11		
985	2:20:45:36	2805.60	1961.22		
986	2:20:46:33	2806.56	1962.63		
987	2:20:47:31	2807.52	1960.23		
988	2:20:48:28	2808.48	1959.85		
989	2:20:49:26	2809.44	1960.66		
990	2:20:50:24	2810.40	1962.54		
991	2:20:51:21	2811.36	1964.60		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317556

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
992	2:20:52:19	2812.32	1969.01		
993	2:20:53:16	2813.28	1972.05		
994	2:20:54:14	2814.24	1975.64		
995	2:20:55:12	2815.20	1977.79		
996	2:20:56:09	2816.16	1981.86		
997	2:20:57:07	2817.12	1983.95		
998	2:20:58:04	2818.08	1983.35		
999	2:20:59:02	2819.04	1975.05		
1000	2:21:00:00	2820.00	1972.09		
1001	2:21:00:57	2820.96	1971.32		
1002	2:21:01:55	2821.92	1967.94		
1003	2:21:02:52	2822.88	1964.64		
1004	2:21:03:50	2823.84	1961.94		
1005	2:21:04:48	2824.80	1962.07		
1006	2:21:05:45	2825.76	1961.43		
1007	2:21:06:43	2826.72	1967.17		
1008	2:21:07:40	2827.68	1971.19		
1009	2:21:08:38	2828.64	1976.76		
1010	2:21:09:36	2829.60	1982.07		
1011	2:21:10:33	2830.56	1988.54		
1012	2:21:11:31	2831.52	1992.61		
1013	2:21:12:28	2832.48	1996.72		
1014	2:21:13:26	2833.44	2001.65		
1015	2:21:14:24	2834.40	2006.75		
1016	2:21:15:21	2835.36	2010.70		
1017	2:21:16:19	2836.32	2015.07		
1018	2:21:17:16	2837.28	2020.47		
1019	2:21:18:14	2838.24	2025.45		
1020	2:21:19:12	2839.20	2028.67		
1021	2:21:20:09	2840.16		197.57	
1022	2:21:21:07	2841.12	2037.94		
1023	2:21:22:04	2842.08	2042.02		
1024	2:21:23:02	2843.04	2045.58		
1025	2:21:24:00	2844.00	2049.70		
1026	2:21:24:57	2844.96	2054.59		
1027	2:21:25:55	2845.92	2057.94		
1028	2:21:26:52	2846.88	2061.72		
1029	2:21:27:50	2847.84	2065.11		
1030	2:21:28:48	2848.80	2070.95		
1031	2:21:29:45	2849.76	2075.16		
1032	2:21:30:43	2850.72	2080.96		
1033	2:21:31:40	2851.68	2088.31		
1034	2:21:32:38	2852.64	2091.92		
1035	2:21:33:36	2853.60	2097.21		
1036	2:21:34:33	2854.56	2101.29		
1037	2:21:35:31	2855.52	2106.11		
1038	2:21:36:28	2856.48	2110.15		
1039	2:21:37:26	2857.44	2114.41		
1040	2:21:38:24	2858.40	2116.90		
1041	2:21:39:21	2859.36	2119.27		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317557

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1042	2:21:40:19	2860.32	2121.72		
1043	2:21:41:16	2861.28	2125.72		
1044	2:21:42:14	2862.24	2127.14		
1045	2:21:43:12	2863.20	2126.28		
1046	2:21:44:09	2864.16	2125.60		
1047	2:21:45:07	2865.12	2138.46		
1048	2:21:46:04	2866.08	2130.37		
1049	2:21:47:02	2867.04	2107.53		
1050	2:21:48:00	2868.00	2092.44		
1051	2:21:48:57	2868.96	2079.25		
1052	2:21:49:55	2869.92	2067.56		
1053	2:21:50:52	2870.88	2055.41		
1054	2:21:51:50	2871.84	2045.88		
1055	2:21:52:48	2872.80	2034.68		
1056	2:21:53:45	2873.76	2018.68		
1057	2:21:54:43	2874.72	2001.75		
1058	2:21:55:40	2875.68	1988.85		
1059	2:21:56:38	2876.64	1978.27		
1060	2:21:57.36	2877.60	1965.03		
1061	2:21:58:33	2878.56	1959.38		
1062	2:21:59:31	2879.52	1950.31		
1063	2:22:00:28	2880.48	1946.29		
1064	2:22:01:26	2881.44	1940.77		
1065	2:22:02:24	2882.40	1937.13		
1066	2:22:03:21	2883.36	1931.87		
1067	2:22:04:19	2884.32	1928.67		
1068	2:22:05:16	2885.28	1933.76		
1069	2:22:06:14	2886.24	1938.37		
1070	2:22:07:12	2887.20	1940.64		
1071	2:22:08:09	2888.16	1939.44		
1072	2:22:09:07	2889.12		197.22	
1073	2:22:10:04	2890.08	1938.63		
1074	2:22:11:02	2891.04	1936.36		
1075	2:22:12:00	2892.00	1936.66		
1076	2:22:12:57	2892.96	1936.66		
1077	2:22:13:55	2893.92	1936.15		
1078	2:22:14:52	2894.88	1936.19		
1079	2:22:15:50	2895.84	1938.50		
1080	2:22:16:48	2896.80	1944.87		
1081	2:22:17:45	2897.76	1953.00		
1082	2:22:18:43	2898.72	1954.42		
1083	2:22:19:40	2899.68	1959.77		
1084	2:22:20:38	2900.64	1959.77		
1085	2:22:21:36	2901.60	1957.07		
1086	2:22:22:33	2902.56	1960.45		
1087	2:22:23:31	2903.52	1959.60		
1088	2:22:24:28	2904.48	1956.43		
1089	2:22:25:26	2905.44	1950.65		
1090	2:22:26:24	2906.40	1943.93		
1091	2:22:27:21	2907.36	1941.20		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317558

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1092	2:22:28:19	2908.32	1934.86		
1093	2:22:29:16	2909.28	1920.58		
1094	2:22:30:14	2910.24	1919.47		
1095	2:22:31:12	2911.20	1919.09		
1096	2:22:32:09	2912.16	1919.73		
1097	2:22:33:07	2913.12	1920.71		
1098	2:22:34:04	2914.08	1919.13		
1099	2:22:35:02	2915.04	1922.38		
1100	2:22:36:00	2916.00	1921.27		
1101	2:22:36:57	2916.96	1920.80		
1102	2:22:37:55	2917.92	1916.95		
1103	2:22:38:52	2918.88	1918.40		
1104	2:22:39:50	2919.84	1914.21		
1105	2:22:40:48	2920.80	1912.63		
1106	2:22:41:45	2921.76	1912.12		
1107	2:22:42:43	2922.72	1907.55		
1108	2:22:43:40	2923.68	1903.70		
1109	2:22:44:38	2924.64	1901.65		
1110	2:22:45:36	2925.60	1903.19		
1111	2:22:46:33	2926.56	1909.13		
1112	2:22:47:31	2927.52	1915.15		
1113	2:22:48:28	2928.48	1922.81		
1114	2:22:49:26	2929.44	1925.54		
1115	2:22:50:24	2930.40	1927.04		
1116	2:22:51:21	2931.36	1925.37		
1117	2:22:52:19	2932.32	1926.14		
1118	2:22:53:16	2933.28	1937.30		
1119	2:22:54:14	2934.24	1949.07		
1120	2:22:55:12	2935.20	1965.72		
1121	2:22:56:09	2936.16	1985.12		
1122	2:22:57:07	2937.12	1996.13		
1123	2:22:58:04	2938.08		198.02	
1124	2:22:59:02	2939.04	2023.91		
1125	2:23:00:00	2940.00	2033.17		
1126	2:23:00:57	2940.96	2047.55		
1127	2:23:01:55	2941.92	2058.58		
1128	2:23:02:52	2942.88	2071.72		
1129	2:23:03:50	2943.84	2085.81		
1130	2:23:04:48	2944.80	2096.60		
1131	2:23:05:45	2945.76	2107.57		
1132	2:23:06:43	2946.72	2121.37		
1133	2:23:07:40	2947.68	2108.17		
1134	2:23:08:38	2948.64	2061.67		
1135	2:23:09:36	2949.60	2030.25		
1136	2:23:10:33	2950.56	2000.93		
1137	2:23:11:31	2951.52	1973.81		
1138	2:23:12:28	2952.48	1946.58		
1139	2:23:13:26	2953.44	1903.74		
1140	2:23:14:24	2954.40	1857.33		
1141	2:23:15:21	2955.36	1832.47		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317559

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1142	2:23:16:19	2956.32	1810.18		
1143	2:23:17:16	2957.28	1784.20		
1144	2:23:18:14	2958.24	1760.89		
1145	2:23:19:12	2959.20	1745.75		
1146	2:23:20:09	2960.16	1737.59		
1147	2:23:21:07	2961.12	1730.62		
1148	2:23:22:04	2962.08	1720.55		
1149	2:23:23:02	2963.04	1724.12		
1150	2:23:24:00	2964.00	1728.75		
1151	2:23:24:57	2964.96	1739.37		
1152	2:23:25:55	2965.92	1758.63		
1153	2:23:26:52	2966.88	1780.63		
1154	2:23:27:50	2967.84	1796.25		
1155	2:23:28:48	2968.80	1803.11		
1156	2:23:29:45	2969.76	1807.20		
1157	2:23:30:43	2970.72	1805.83		
1158	2:23:31:40	2971.68	1799.49		
1159	2:23:32:38	2972.64	1798.21		
1160	2:23:33:36	2973.60	1778.71		
1161	2:23:34:33	2974.56	1757.44		
1162	2:23:35:31	2975.52	1751.66		
1163	2:23:36:28	2976.48	1751.74		
1164	2:23:37:26	2977.44	1746.98		
1165	2:23:38:24	2978.40	1740.48		
1166	2:23:39:21	2979.36	1731.76		
1167	2:23:40:19	2980.32	1733.00		
1168	2:23:41:16	2981.28	1738.10		
1169	2:23:42:14	2982.24	1740.73		
1170	2:23:43:12	2983.20	1736.91		
1171	2:23:44:09	2984.16	1726.71		
1172	2:23:45:07	2985.12	1715.19		
1173	2:23:46:04	2986.08	1704.66		
1174	2:23:47:02	2987.04		197.11	
1175	2:23:48:00	2988.00	1676.90		
1176	2:23:48:57	2988.96	1683.47		
1177	2:23:49:55	2989.92	1690.69		
1178	2:23:50:52	2990.88	1695.87		
1179	2:23:51:50	2991.84	1701.94		
1180	2:23:52:48	2992.80	1708.69		
1181	2:23:53:45	2993.76	1720.67		
1182	2:23:54:43	2994.72	1735.71		
1183	2:23:55:40	2995.68	1744.46		
1184	2:23:56:38	2996.64	1754.12		
1185	2:23:57:36	2997.60	1756.07		
1186	2:23:58:33	2998.56	1741.70		
1187	2:23:59:31	2999.52	1721.52		
1188	3:00:00:28	3000.48	1699.18		
1189	3:00:01:26	3001.44	1683.52		
1190	3:00:02:24	3002.40	1673.08		
1191	3:00:03:21	3003.36	1660.15		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317560

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1192	3:00:04:19	3004.32	1648.15		
1193	3:00:05:16	3005.28	1645.22		
1194	3:00:06:14	3006.24	1654.89		
1195	3:00:07:12	3007.20	1667.91		
1196	3:00:08:09	3008.16	1676.30		
1197	3:00:09:07	3009.12	1679.44		
1198	3:00:10:04	3010.08	1683.77		
1199	3:00:11:02	3011.04	1683.39		
1200	3:00:12:00	3012.00	1692.77		
1201	3:00:12:57	3012.96	1712.34		
1202	3:00:13:55	3013.92	1725.68		
1203	3:00:14:52	3014.88	1743.83		
1204	3:00:15:50	3015.84	1757.09		
1205	3:00:16:48	3016.80	1761.64		
1206	3:00:17:45	3017.76	1763.90		
1207	3:00:18:43	3018.72	1755.09		
1208	3:00:19:40	3019.68	1745.53		
1209	3:00:20:38	3020.64	1743.91		
1210	3:00:21:36	3021.60	1745.23		
1211	3:00:22:33	3022.56	1749.35		
1212	3:00:23:31	3023.52	1744.04		
1213	3:00:24:28	3024.48	1743.44		
1214	3:00:25:26	3025.44	1742.30		
1215	3:00:26:24	3026.40	1736.64		
1216	3:00:27:21	3027.36	1735.45		
1217	3:00:28:19	3028.32	1728.70		
1218	3:00:29:16	3029.28	1725.25		
1219	3:00:30:14	3030.24	1722.70		
1220	3:00:31:12	3031.20	1732.52		
1221	3:00:32:09	3032.16	1740.38		
1222	3:00:33:07	3033.12	1749.78		
1223	3:00:34:04	3034.08	1763.26		
1224	3:00:35:02	3035.04	1773.30		
1225	3:00:36:00	3036.00		197.47	
1226	3:00:36:57	3036.96	1785.87		
1227	3:00:37:55	3037.92	1784.16		
1228	3:00:38:52	3038.88	1785.65		
1229	3:00:39:50	3039.84	1776.80		
1230	3:00:40:48	3040.80	1769.78		
1231	3:00:41:45	3041.76	1760.85		
1232	3:00:42:43	3042.72	1757.57		
1233	3:00:43:40	3043.68	1758.12		
1234	3:00:44:38	3044.64	1763.14		
1235	3:00:45:36	3045.60	1763.48		
1236	3:00:46:33	3046.56	1751.40		
1237	3:00:47:31	3047.52	1741.62		
1238	3:00:48:28	3048.48	1731.93		
1239	3:00:49:26	3049.44	1729.68		
1240	3:00:50:24	3050.40	1729.34		
1241	3:00:51:21	3051.36	1736.74		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317561

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1242	3:00:52:19	3052.32	1742.09		
1243	3:00:53:16	3053.28	1748.21		
1244	3:00:54:14	3054.24	1754.93		
1245	3:00:55:12	3055.20	1759.27		
1246	3:00:56:09	3056.16	1764.63		
1247	3:00:57:07	3057.12	1760.89		
1248	3:00:58:04	3058.08	1753.83		
1249	3:00:59:02	3059.04	1754.25		
1250	3:01:00:00	3060.00	1764.93		
1251	3:01:00:57	3060.96	1775.69		
1252	3:01:01:55	3061.92	1783.10		
1253	3:01:02:52	3062.88	1787.10		
1254	3:01:03:50	3063.84	1783.82		
1255	3:01:04:48	3064.80	1779.99		
1256	3:01:05:45	3065.76	1773.10		
1257	3:01:06:43	3066.72	1775.78		
1258	3:01:07:40	3067.68	1779.74		
1259	3:01:08:38	3068.64	1781.74		
1260	3:01:09:36	3069.60	1781.31		
1261	3:01:10:33	3070.56	1776.29		
1262	3:01:11:31	3071.52	1776.16		
1263	3:01:12:28	3072.48	1776.33		
1264	3:01:13:26	3073.44	1779.23		
1265	3:01:14:24	3074.40	1782.25		
1266	3:01:15:21	3075.36	1785.31		
1267	3:01:16:19	3076.32	1787.48		
1268	3:01:17:16	3077.28	1782.93		
1269	3:01:18:14	3078.24	1776.42		
1270	3:01:19:12	3079.20	1770.25		
1271	3:01:20:09	3080.16	1768.63		
1272	3:01:21:07	3081.12	1770.71		
1273	3:01:22:04	3082.08	1774.37		
1274	3:01:23:02	3083.04	1778.16		
1275	3:01:24:00	3084.00	1781.57		
1276	3:01:24:57	3084.96		196.91	
1277	3:01:25:55	3085.92	1790.71		
1278	3:01:26:52	3086.88	1800.29		
1279	3:01:27:50	3087.84	1817.50		
1280	3:01:28:48	3088.80	1836.81		
1281	3:01:29:45	3089.76	1850.63		
1282	3:01:30:43	3090.72	1857.46		
1283	3:01:31:40	3091.68	1857.88		
1284	3:01:32:38	3092.64	1844.06		
1285	3:01:33:36	3093.60	1831.27		
1286	3:01:34:33	3094.56	1816.99		
1287	3:01:35:31	3095.52	1807.49		
1288	3:01:36:28	3096.48	1804.60		
1289	3:01:37:26	3097.44	1806.60		
1290	3:01:38:24	3098.40	1808.81		
1291	3:01:39:21	3099.36	1809.15		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317562

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1292	3:01:40:19	3100.32	1806.17		
1293	3:01:41:16	3101.28	1800.76		
1294	3:01:42:14	3102.24	1796.89		
1295	3:01:43:12	3103.20	1797.74		
1296	3:01:44:09	3104.16	1798.33		
1297	3:01:45:07	3105.12	1804.25		
1298	3:01:46:04	3106.08	1812.26		
1299	3:01:47:02	3107.04	1817.89		
1300	3:01:48:00	3108.00	1823.94		
1301	3:01:48:57	3108.96	1823.30		
1302	3:01:49:55	3109.92	1821.89		
1303	3:01:50:52	3110.88	1816.31		
1304	3:01:51:50	3111.84	1814.27		
1305	3:01:52:48	3112.80	1812.26		
1306	3:01:53:45	3113.76	1805.79		
1307	3:01:54:43	3114.72	1807.88		
1308	3:01:55:40	3115.68	1808.64		
1309	3:01:56:38	3116.64	1808.90		
1310	3:01:57:36	3117.60	1812.01		
1311	3:01:58:33	3118.56	1816.01		
1312	3:01:59:31	3119.52	1822.45		
1313	3:02:00:28	3120.48	1817.93		
1314	3:02:01:26	3121.44	1814.69		
1315	3:02:02:24	3122.40	1806.34		
1316	3:02:03:21	3123.36	1800.72		
1317	3:02:04:19	3124.32	1797.23		
1318	3:02:05:16	3125.28	1781.60		
1319	3:02:06:14	3126.24	1769.64		
1320	3:02:07:12	3127.20	1762.92		
1321	3:02:08:09	3128.16	1762.75		
1322	3:02:09:07	3129.12	1763.22		
1323	3:02:10:04	3130.08	1760.54		
1324	3:02:11:02	3131.04	1755.01		
1325	3:02:12:00	3132.00	1757.14		
1326	3:02:12:57	3132.96	1763.31		
1327	3:02:13:55	3133.92		196.79	
1328	3:02:14:52	3134.88	1782.90		
1329	3:02:15:50	3135.84	1796.53		
1330	3:02:16:48	3136.80	1801.64		
1331	3:02:17:45	3137.76	1806.07		
1332	3:02:18:43	3138.72	1804.36		
1333	3:02:19:40	3139.68	1802.79		
1334	3:02:20:38	3140.64	1793.89		
1335	3:02:21:36	3141.60	1786.48		
1336	3:02:22:33	3142.56	1783.67		
1337	3:02:23:31	3143.52	1780.65		
1338	3:02:24:28	3144.48	1776.48		
1339	3:02:25:26	3145.44	1770.05		
1340	3:02:26:24	3146.40	1768.26		
1341	3:02:27:21	3147.36	1771.33		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317563

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1342	3:02:28:19	3148.32	1776.56		
1343	3:02:29:16	3149.28	1781.54		
1344	3:02:30:14	3150.24	1785.46		
1345	3:02:31:12	3151.20	1785.93		
1346	3:02:32:09	3152.16	1781.71		
1347	3:02:33:07	3153.12	1769.67		
1348	3:02:34:04	3154.08	1763.07		
1349	3:02:35:02	3155.04	1761.71		
1350	3:02:36:00	3156.00	1756.95		
1351	3:02:36:57	3156.96	1760.99		
1352	3:02:37:55	3157.92	1761.50		
1353	3:02:38:52	3158.88	1759.59		
1354	3:02:39:50	3159.84	1760.18		
1355	3:02:40:48	3160.80	1762.61		
1356	3:02:41:45	3161.76	1763.97		
1357	3:02:42:43	3162.72	1764.35		
1358	3:02:43:40	3163.68	1771.07		
1359	3:02:44:38	3164.64	1780.35		
1360	3:02:45:36	3165.60	1789.76		
1361	3:02:46:33	3166.56	1798.36		
1362	3:02:47:31	3167.52	1800.83		
1363	3:02:48:28	3168.48	1799.47		
1364	3:02:49:26	3169.44	1801.00		
1365	3:02:50:24	3170.40	1801.13		
1366	3:02:51:21	3171.36	1805.68		
1367	3:02:52:19	3172.32	1809.43		
1368	3:02:53:16	3173.28	1809.77		
1369	3:02:54:14	3174.24	1803.51		
1370	3:02:55:12	3175.20	1798.74		
1371	3:02:56:09	3176.16	1797.46		
1372	3:02:57:07	3177.12	1793.42		
1373	3:02:58:04	3178.08	1792.99		
1374	3:02:59:02	3179.04	1790.31		
1375	3:03:00:00	3180.00	1795.21		
1376	3:03:00:57	3180.96	1798.70		
1377	3:03:01:55	3181.92	1799.21		
1378	3:03:02:52	3182.88		196.83	
1379	3:03:03:50	3183.84	1804.44		
1380	3:03:04:48	3184.80	1807.21		
1381	3:03:05:45	3185.76	1814.67		
1382	3:03:06:43	3186.72	1823.10		
1383	3:03:07:40	3187.68	1828.43		
1384	3:03:08:38	3188.64	1831.80		
1385	3:03:09:36	3189.60	1829.20		
1386	3:03:10:33	3190.56	1823.87		
1387	3:03:11:31	3191.52	1807.72		
1388	3:03:12:28	3192.48	1797.07		
1389	3:03:13:26	3193.44	1792.26		
1390	3:03:14:24	3194.40	1790.98		
1391	3:03:15:21	3195.36	1796.52		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA #1 DATE : 1 / 10 / 85
LEASE OWNER:AMOCO AUST. EMR # : 61772
WELL NUMBER: 1 EPG # : 62530
START TIME :22:00:00 DEPTH :5828 FT TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1392	3:03:16:19	3196.32	1798.39		
1393	3:03:17:16	3197.28	1798.65		
1394	3:03:18:14	3198.24	1803.55		
1395	3:03:19:12	3199.20	1810.32		
1396	3:03:20:09	3200.16	1817.69		
1397	3:03:21:07	3201.12	1824.00		
1398	3:03:22:04	3202.08	1826.98		
1399	3:03:23:02	3203.04	1829.92		
1400	3:03:24:00	3204.00	1827.71		
1401	3:03:24:57	3204.96	1825.87		
1402	3:03:25:55	3205.92	1822.42		
1403	3:03:26:52	3206.88	1817.48		
1404	3:03:27:50	3207.84	1817.39		
1405	3:03:28:48	3208.80	1816.80		
1406	3:03:29:45	3209.76	1813.47		
1407	3:03:30:43	3210.72	1807.25		
1408	3:03:31:40	3211.68	1803.21		
1409	3:03:32:38	3212.64	1809.81		
1410	3:03:33:36	3213.60	1815.22		
1411	3:03:34:33	3214.56	1822.21		
1412	3:03:35:31	3215.52	1830.39		
1413	3:03:36:28	3216.48	1841.01		
1414	3:03:37:26	3217.44	1854.70		
1415	3:03:38:24	3218.40	1870.15		
1416	3:03:39:21	3219.36	1880.61		
1417	3:03:40:19	3220.32	1894.91		
1418	3:03:41:16	3221.28	1895.30		
1419	3:03:42:14	3222.24	1891.11		
1420	3:03:43:12	3223.20	1880.69		
1421	3:03:44:09	3224.16	1870.49		
1422	3:03:45:07	3225.12	1863.66		
1423	3:03:46:04	3226.08	1859.18		
1424	3:03:47:02	3227.04	1858.20		
1425	3:03:48:00	3228.00	1861.14		
1426	3:03:48:57	3228.96	1866.14		
1427	3:03:49:55	3229.92	1867.93		
1428	3:03:50:52	3230.88	1868.91		
1429	3:03:51:50	3231.84		197.11	
1430	3:03:52:48	3232.80	1878.07		
1431	3:03:53:45	3233.76	1886.61		
1432	3:03:54:43	3234.72	1894.68		
1433	3:03:55:40	3235.68	1899.55		
1434	3:03:56:38	3236.64	1908.74		
1435	3:03:57:36	3237.60	1902.50		
1436	3:03:58:33	3238.56	1893.23		
1437	3:03:59:31	3239.52	1885.16		
1438	3:04:00:28	3240.48	1885.07		
1439	3:04:01:26	3241.44	1884.86		
1440	3:04:02:24	3242.40	1884.13		
1441	3:04:03:21	3243.36	1884.65		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

LEASE NAME :YOLLA #1 DATE : 1 / 10 / 85
LEASE OWNER:AMOCO AUST. EMR # : 61772
WELL NUMBER: 1 EPG # : 62530
START TIME :22:00:00 DEPTH :5828 FT TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1442	3:04:04:19	3244.32	1891.74		
1443	3:04:05:16	3245.28	1899.60		
1444	3:04:06:14	3246.24	1906.77		
1445	3:04:07:12	3247.20	1913.23		
1446	3:04:08:09	3248.16	1916.82		
1447	3:04:09:07	3249.12	1919.81		
1448	3:04:10:04	3250.08	1923.57		
1449	3:04:11:02	3251.04	1925.15		
1450	3:04:12:00	3252.00	1913.91		
1451	3:04:12:57	3252.96	1908.06		
1452	3:04:13:55	3253.92	1908.48		
1453	3:04:14:52	3254.88	1916.73		
1454	3:04:15:50	3255.84	1919.00		
1455	3:04:16:48	3256.80	1921.95		
1456	3:04:17:45	3257.76	1916.77		
1457	3:04:18:43	3258.72	1914.17		
1458	3:04:19:40	3259.68	1913.40		
1459	3:04:20:38	3260.64	1914.72		
1460	3:04:21:36	3261.60	1917.46		
1461	3:04:22:33	3262.56	1920.62		
1462	3:04:23:31	3263.52	1922.12		
1463	3:04:24:28	3264.48	1922.89		
1464	3:04:25:26	3265.44	1923.74		
1465	3:04:26:24	3266.40	1927.89		
1466	3:04:27:21	3267.36	1935.29		
1467	3:04:28:19	3268.32	1943.72		
1468	3:04:29:16	3269.28	1950.65		
1469	3:04:30:14	3270.24	1956.60		
1470	3:04:31:12	3271.20	1950.65		
1471	3:04:32:09	3272.16	1935.63		
1472	3:04:33:07	3273.12	1922.72		
1473	3:04:34:04	3274.08	1916.86		
1474	3:04:35:02	3275.04	1916.73		
1475	3:04:36:00	3276.00	1915.79		
1476	3:04:36:57	3276.96	1919.30		
1477	3:04:37:55	3277.92	1916.82		
1478	3:04:38:52	3278.88	1918.74		
1479	3:04:39:50	3279.84	1922.12		
1480	3:04:40:48	3280.80		197.62	
1481	3:04:41:45	3281.76	1919.94		
1482	3:04:42:43	3282.72	1919.77		
1483	3:04:43:40	3283.68	1918.53		
1484	3:04:44:38	3284.64	1915.79		
1485	3:04:45:36	3285.60	1914.04		
1486	3:04:46:33	3286.56	1917.03		
1487	3:04:47:31	3287.52	1908.87		
1488	3:04:48:28	3288.48	1903.48		
1489	3:04:49:26	3289.44	1904.59		
1490	3:04:50:24	3290.40	1899.13		
1491	3:04:51:21	3291.36	1890.41		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317566

LEASE NAME :YOLLA #1 DATE : 1 / 10 / 85
LEASE OWNER:AMOCO AUST. EMR # : 61772
WELL NUMBER: 1 EPG # : 62530
START TIME :22:00:00 DEPTH :5828 FT TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1492	3:04:52:19	3292.32	1882.81		
1493	3:04:53:16	3293.28	1886.61		
1494	3:04:54:14	3294.24	1891.01		
1495	3:04:55:12	3295.20	1896.14		
1496	3:04:56:09	3296.16	1901.82		
1497	3:04:57:07	3297.12	1914.68		
1498	3:04:58:04	3298.08	1925.45		
1499	3:04:59:02	3299.04	1936.27		
1500	3:05:00:00	3300.00	1941.92		
1501	3:05:00:57	3300.96	1939.01		
1502	3:05:01:55	3301.92	1930.84		
1503	3:05:02:52	3302.88	1924.34		
1504	3:05:03:50	3303.84	1919.98		
1505	3:05:04:48	3304.80	1915.58		
1506	3:05:05:45	3305.76	1908.01		
1507	3:05:06:43	3306.72	1893.96		
1508	3:05:07:40	3307.68	1889.73		
1509	3:05:08:38	3308.64	1893.62		
1510	3:05:09:36	3309.60	1895.45		
1511	3:05:10:33	3310.56	1899.81		
1512	3:05:11:31	3311.52	1905.06		
1513	3:05:12:28	3312.48	1910.83		
1514	3:05:13:26	3313.44	1918.40		
1515	3:05:14:24	3314.40	1921.61		
1516	3:05:15:21	3315.36	1912.20		
1517	3:05:16:19	3316.32	1909.12		
1518	3:05:17:16	3317.28	1903.70		
1519	3:05:18:14	3318.24	1916.18		
1520	3:05:19:12	3319.20	1904.04		
1521	3:05:20:09	3320.16	1909.59		
1522	3:05:21:07	3321.12	1920.07		
1523	3:05:22:04	3322.08	1915.71		
1524	3:05:23:02	3323.04	1914.25		
1525	3:05:24:00	3324.00	1915.92		
1526	3:05:24:57	3324.96	1922.46		
1527	3:05:25:55	3325.92	1913.65		
1528	3:05:26:52	3326.88	1911.60		
1529	3:05:27:50	3327.84	1913.01		
1530	3:05:28:48	3328.80	1915.88		
1531	3:05:29:45	3329.76		197.80	
	3:05:30:00				2ND BUILDUP FOR INTERVAL
1532	3:05:30:43	3330.72	1963.56		
	3:05:30:00				6014.4 FT TO 6016.4 FT
1533	3:05:31:40	3331.68	1992.60		
1534	3:05:32:38	3332.64	2018.40		
1535	3:05:33:36	3333.60	2040.15		
1536	3:05:34:33	3334.56	2059.81		
1537	3:05:35:31	3335.52	2077.08		
1538	3:05:36:28	3336.48	2097.10		
1539	3:05:37:26	3337.44	2120.54		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317567

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1540	3:05:38:24	3338.40	2144.47		
1541	3:05:39:21	3339.36	2168.03		
1542	3:05:40:19	3340.32	2188.46		
1543	3:05:41:16	3341.28	2202.64		
1544	3:05:42:14	3342.24	2219.04		
1545	3:05:43:12	3343.20	2235.66		
1546	3:05:44:09	3344.16	2252.97		
1547	3:05:45:07	3345.12	2277.61		
1548	3:05:46:04	3346.08	2296.98		
1549	3:05:47:02	3347.04	2315.15		
1550	3:05:48:00	3348.00	2330.65		
1551	3:05:48:57	3348.96	2345.73		
1552	3:05:49:55	3349.92	2364.32		
1553	3:05:50:52	3350.88	2376.98		
1554	3:05:51:50	3351.84	2387.99		
1555	3:05:52:48	3352.80	2397.58		
1556	3:05:53:45	3353.76	2406.78		
1557	3:05:54:43	3354.72	2414.34		
1558	3:05:55:40	3355.68	2422.24		
1559	3:05:56:38	3356.64	2429.36		
1560	3:05:57:36	3357.60	2437.44		
1561	3:05:58:33	3358.56	2445.13		
1562	3:05:59:31	3359.52	2453.18		
1563	3:06:00:28	3360.48	2460.48		
1564	3:06:01:26	3361.44	2467.70		
1565	3:06:02:24	3362.40	2473.61		
1566	3:06:03:21	3363.36	2480.44		
1567	3:06:04:19	3364.32	2487.84		
1568	3:06:05:16	3365.28	2494.63		
1569	3:06:06:14	3366.24	2500.72		
1570	3:06:07:12	3367.20	2506.90		
1571	3:06:08:09	3368.16	2512.70		
1572	3:06:09:07	3369.12	2517.92		
1573	3:06:10:04	3370.08	2523.54		
1574	3:06:11:02	3371.04	2528.77		
1575	3:06:12:00	3372.00	2533.82		
1576	3:06:12:57	3372.96	2538.53		
1577	3:06:13:55	3373.92	2543.02		
1578	3:06:14:52	3374.88	2547.20		
1579	3:06:15:50	3375.84	2551.61		
1580	3:06:16:48	3376.80	2555.97		
1581	3:06:17:45	3377.76	2560.02		
1582	3:06:18:43	3378.72		199.31	
1583	3:06:19:40	3379.68	2567.89		
1584	3:06:20:38	3380.64	2571.64		
1585	3:06:21:36	3381.60	2575.30		
1586	3:06:22:33	3382.56	2578.93		
1587	3:06:23:31	3383.52	2582.29		
1588	3:06:24:28	3384.48	2585.12		
1589	3:06:25:26	3385.44	2588.31		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317568

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1590	3:06:26:24	3386.40	2591.50		
1591	3:06:27:21	3387.36	2594.33		
1592	3:06:28:19	3388.32	2596.82		
1593	3:06:29:16	3389.28	2599.00		
1594	3:06:30:14	3390.24	2601.10		
1595	3:06:31:12	3391.20	2603.15		
1596	3:06:32:09	3392.16	2605.21		
1597	3:06:33:07	3393.12	2607.21		
1598	3:06:34:04	3394.08	2609.05		
1599	3:06:35:02	3395.04	2610.62		
1600	3:06:36:00	3396.00	2612.19		
1601	3:06:36:57	3396.96	2613.68		
1602	3:06:37:55	3397.92	2615.12		
1603	3:06:38:52	3398.88	2616.47		
1604	3:06:39:50	3399.84	2617.92		
1605	3:06:40:48	3400.80	2619.05		
1606	3:06:41:45	3401.76	2620.32		
1607	3:06:42:43	3402.72	2621.54		
1608	3:06:43:40	3403.68	2622.85		
1609	3:06:44:38	3404.64	2623.73		
1610	3:06:45:36	3405.60	2624.51		
1611	3:06:46:33	3406.56	2624.99		
1612	3:06:47:31	3407.52	2625.69		
1613	3:06:48:28	3408.48	2626.65		
1614	3:06:49:26	3409.44	2627.35		
1615	3:06:50:24	3410.40	2628.18		
1616	3:06:51:21	3411.36	2628.93		
1617	3:06:52:19	3412.32	2629.76		
1618	3:06:53:16	3413.28	2630.72		
1619	3:06:54:14	3414.24	2631.64		
1620	3:06:55:12	3415.20	2632.12		
1621	3:06:56:09	3416.16	2632.42		
1622	3:06:57:07	3417.12	2633.30		
1623	3:06:58:04	3418.08	2634.00		
1624	3:06:59:02	3419.04	2634.43		
1625	3:07:00:00	3420.00	2635.18		
1626	3:07:00:57	3420.96	2635.48		
1627	3:07:01:55	3421.92	2635.96		
1628	3:07:02:52	3422.88	2636.53		
1629	3:07:03:50	3423.84	2637.10		
1630	3:07:04:48	3424.80	2637.63		
1631	3:07:05:45	3425.76	2637.89		
1632	3:07:06:43	3426.72	2638.06		
1633	3:07:07:40	3427.68		197.78	
1634	3:07:08:38	3428.64	2638.04		
1635	3:07:09:36	3429.60	2638.21		
1636	3:07:10:33	3430.56	2638.69		
1637	3:07:11:31	3431.52	2638.96		
1638	3:07:12:28	3432.48	2639.52		
1639	3:07:13:26	3433.44	2639.44		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317569

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1640	3:07:14:24	3434.40	2639.96		
1641	3:07:15:21	3435.36	2640.31		
1642	3:07:16:19	3436.32	2640.66		
1643	3:07:17:16	3437.28	2640.79		
1644	3:07:18:14	3438.24	2641.05		
1645	3:07:19:12	3439.20	2641.80		
1646	3:07:20:09	3440.16	2643.42		
1647	3:07:21:07	3441.12	2644.90		
1648	3:07:22:04	3442.08	2646.35		
1649	3:07:23:02	3443.04	2647.44		
1650	3:07:24:00	3444.00	2648.84		
1651	3:07:24:57	3444.96	2650.11		
1652	3:07:25:55	3445.92	2651.20		
1653	3:07:26:52	3446.88	2652.16		
1654	3:07:27:50	3447.84	2653.26		
1655	3:07:28:48	3448.80	2654.31		
1656	3:07:29:45	3449.76	2654.74		
1657	3:07:30:43	3450.72	2655.31		
1658	3:07:31:40	3451.68	2656.40		
1659	3:07:32:38	3452.64	2657.06		
1660	3:07:33:36	3453.60	2657.80		
1661	3:07:34:33	3454.56	2658.33		
1662	3:07:35:31	3455.52	2658.85		
1663	3:07:36:28	3456.48	2659.42		
1664	3:07:37:26	3457.44	2659.90		
1665	3:07:38:24	3458.40	2660.47		
1666	3:07:39:21	3459.36	2660.78		
1667	3:07:40:19	3460.32	2660.87		
1668	3:07:41:16	3461.28	2660.87		
1669	3:07:42:14	3462.24	2661.57		
1670	3:07:43:12	3463.20	2661.74		
1671	3:07:44:09	3464.16	2661.87		
1672	3:07:45:07	3465.12	2661.96		
1673	3:07:46:04	3466.08	2662.35		
1674	3:07:47:02	3467.04	2662.66		
1675	3:07:48:00	3468.00	2662.49		
1676	3:07:48:57	3468.96	2662.31		
1677	3:07:49:55	3469.92	2663.14		
1678	3:07:50:52	3470.88	2663.62		
1679	3:07:51:50	3471.84	2664.02		
1680	3:07:52:48	3472.80	2664.37		
1681	3:07:53:45	3473.76	2664.50		
1682	3:07:54:43	3474.72	2664.89		
1683	3:07:55:40	3475.68	2664.85		
1684	3:07:56:38	3476.64		196.48	
1685	3:07:57:36	3477.60	2663.66		
1686	3:07:58:33	3478.56	2664.14		
1687	3:07:59:31	3479.52	2664.27		
1688	3:08:00:28	3480.48	2664.32		
1689	3:08:01:26	3481.44	2664.27		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317570

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1690	3:08:02:24	3482.40	2664.40		
1691	3:08:03:21	3483.36	2664.36		
1692	3:08:04:19	3484.32	2664.67		
1693	3:08:05:16	3485.28	2664.97		
1694	3:08:06:14	3486.24	2665.15		
1695	3:08:07:12	3487.20	2665.50		
1696	3:08:08:09	3488.16	2665.63		
1697	3:08:09:07	3489.12	2665.72		
1698	3:08:10:04	3490.08	2665.98		
1699	3:08:11:02	3491.04	2666.29		
1700	3:08:12:00	3492.00	2666.46		
1701	3:08:12:57	3492.96	2666.72		
1702	3:08:13:55	3493.92	2666.90		
1703	3:08:14:52	3494.88	2667.20		
1704	3:08:15:50	3495.84	2667.42		
1705	3:08:16:48	3496.80	2667.73		
1706	3:08:17:45	3497.76	2668.17		
1707	3:08:18:43	3498.72	2668.47		
1708	3:08:19:40	3499.68	2668.65		
1709	3:08:20:38	3500.64	2668.78		
1710	3:08:21:36	3501.60	2668.56		
1711	3:08:22:33	3502.56	2668.34		
1712	3:08:23:31	3503.52	2668.12		
1713	3:08:24:28	3504.48	2667.77		
1714	3:08:25:26	3505.44	2667.95		
1715	3:08:26:24	3506.40	2668.34		
1716	3:08:27:21	3507.36	2668.47		
1717	3:08:28:19	3508.32	2668.69		
1718	3:08:29:16	3509.28	2668.91		
1719	3:08:30:14	3510.24	2669.13		
1720	3:08:31:12	3511.20	2669.31		
1721	3:08:32:09	3512.16	2669.52		
1722	3:08:33:07	3513.12	2669.66		
1723	3:08:34:04	3514.08	2669.79		
1724	3:08:35:02	3515.04	2670.09		
1725	3:08:36:00	3516.00	2670.36		
1726	3:08:36:57	3516.96	2670.53		
1727	3:08:37:55	3517.92	2670.75		
1728	3:08:38:52	3518.88	2671.01		
1729	3:08:39:50	3519.84	2671.23		
1730	3:08:40:48	3520.80	2671.54		
1731	3:08:41:45	3521.76	2671.76		
1732	3:08:42:43	3522.72	2671.97		
1733	3:08:43:40	3523.68	2672.15		
1734	3:08:44:38	3524.64	2672.33		
1735	3:08:45:36	3525.60		195.18	
1736	3:08:46:33	3526.56	2671.55		
1737	3:08:47:31	3527.52	2671.59		
1738	3:08:48:28	3528.48	2671.63		
1739	3:08:49:26	3529.44	2671.63		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317571

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1740	3:08:50:24	3530.40	2671.55		
1741	3:08:51:21	3531.36	2671.55		
1742	3:08:52:19	3532.32	2671.50		
1743	3:08:53:16	3533.28	2671.46		
1744	3:08:54:14	3534.24	2671.33		
1745	3:08:55:12	3535.20	2671.28		
1746	3:08:56:09	3536.16	2671.20		
1747	3:08:57:07	3537.12	2671.20		
1748	3:08:58:04	3538.08	2671.20		
1749	3:08:59:02	3539.04	2671.20		
1750	3:09:00:00	3540.00	2671.20		
1751	3:09:00:57	3540.96	2671.15		
1752	3:09:01:55	3541.92	2671.02		
1753	3:09:02:52	3542.88	2670.93		
1754	3:09:03:50	3543.84	2670.85		
1755	3:09:04:48	3544.80	2670.85		
1756	3:09:05:45	3545.76	2670.80		
1757	3:09:06:43	3546.72	2670.80		
1758	3:09:07:40	3547.68	2670.80		
1759	3:09:08:38	3548.64	2670.85		
1760	3:09:09:36	3549.60	2670.85		
1761	3:09:10:33	3550.56	2670.89		
1762	3:09:11:31	3551.52	2670.89		
1763	3:09:12:28	3552.48	2670.85		
1764	3:09:13:26	3553.44	2670.85		
1765	3:09:14:24	3554.40	2670.85		
1766	3:09:15:21	3555.36	2670.85		
1767	3:09:16:19	3556.32	2670.89		
1768	3:09:17:16	3557.28	2670.85		
1769	3:09:18:14	3558.24	2670.80		
1770	3:09:19:12	3559.20	2670.63		
1771	3:09:20:09	3560.16	2670.63		
1772	3:09:21:07	3561.12	2670.71		
1773	3:09:22:04	3562.08	2670.76		
1774	3:09:23:02	3563.04	2670.76		
1775	3:09:24:00	3564.00	2670.71		
1776	3:09:24:57	3564.96	2670.63		
1777	3:09:25:55	3565.92	2670.54		
1778	3:09:26:52	3566.88	2670.36		
1779	3:09:27:50	3567.84	2670.36		
1780	3:09:28:48	3568.80	2670.28		
1781	3:09:29:45	3569.76	2670.28		
1782	3:09:30:43	3570.72	2670.19		
1783	3:09:31:40	3571.68	2670.15		
1784	3:09:32:38	3572.64	2670.01		
1785	3:09:33:36	3573.60	2670.10		
1786	3:09:34:33	3574.56		194.78	
1787	3:09:35:31	3575.52	2669.73		
1788	3:09:36:28	3576.48	2669.68		
1789	3:09:37:26	3577.44	2669.68		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317572

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1790	3:09:38:24	3578.40	2669.68		
1791	3:09:39:21	3579.36	2669.73		
1792	3:09:40:19	3580.32	2669.86		
1793	3:09:41:16	3581.28	2669.81		
1794	3:09:42:14	3582.24	2669.86		
1795	3:09:43:12	3583.20	2669.86		
1796	3:09:44:09	3584.16	2669.81		
1797	3:09:45:07	3585.12	2669.81		
1798	3:09:46:04	3586.08	2669.99		
1799	3:09:47:02	3587.04	2669.99		
1800	3:09:48:00	3588.00	2669.99		
1801	3:09:48:57	3588.96	2670.03		
1802	3:09:49:55	3589.92	2669.99		
1803	3:09:50:52	3590.88	2670.03		
1804	3:09:51:50	3591.84	2670.12		
1805	3:09:52:48	3592.80	2670.16		
1806	3:09:53:45	3593.76	2670.21		
1807	3:09:54:43	3594.72	2670.12		
1808	3:09:55:40	3595.68	2670.03		
1809	3:09:56:38	3596.64	2669.94		
1810	3:09:57:36	3597.60	2669.99		
1811	3:09:58:33	3598.56	2669.90		
1812	3:09:59:31	3599.52	2669.86		
1813	3:10:00:28	3600.48	2669.86		
1814	3:10:01:26	3601.44	2669.81		
1815	3:10:02:24	3602.40	2669.77		
1816	3:10:03:21	3603.36	2669.81		
1817	3:10:04:19	3604.32	2669.77		
1818	3:10:05:16	3605.28	2669.73		
1819	3:10:06:14	3606.24	2669.68		
1820	3:10:07:12	3607.20	2669.64		
1821	3:10:08:09	3608.16	2669.59		
1822	3:10:09:07	3609.12	2669.55		
1823	3:10:10:04	3610.08	2669.55		
1824	3:10:11:02	3611.04	2669.55		
1825	3:10:12:00	3612.00	2669.51		
1826	3:10:12:57	3612.96	2669.51		
1827	3:10:13:55	3613.92	2669.46		
1828	3:10:14:52	3614.88	2669.46		
1829	3:10:15:50	3615.84	2669.42		
1830	3:10:16:48	3616.80	2669.38		
1831	3:10:17:45	3617.76	2669.29		
1832	3:10:18:43	3618.72	2669.20		
1833	3:10:19:40	3619.68	2669.24		
1834	3:10:20:38	3620.64	2669.33		
1835	3:10:21:36	3621.60	2669.33		
1836	3:10:22:33	3622.56	2669.24		
1837	3:10:23:31	3623.52		194.23	
1838	3:10:24:28	3624.48	2668.70		
1839	3:10:25:26	3625.44	2668.74		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317573

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00

DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1840	3:10:26:24	3626.40	2668.70		
1841	3:10:27:21	3627.36	2668.70		
1842	3:10:28:19	3628.32	2668.74		
1843	3:10:29:16	3629.28	2668.70		
1844	3:10:30:14	3630.24	2668.61		
1845	3:10:31:12	3631.20	2668.70		
1846	3:10:32:09	3632.16	2668.70		
1847	3:10:33:07	3633.12	2668.70		
1848	3:10:34:04	3634.08	2668.61		
1849	3:10:35:02	3635.04	2669.75		
1850	3:10:36:00	3636.00	2669.53		
1851	3:10:36:57	3636.96	2669.53		
1852	3:10:37:55	3637.92	2669.44		
1853	3:10:38:52	3638.88	2669.31		
1854	3:10:39:50	3639.84	2668.96		
1855	3:10:40:48	3640.80	2668.65		
1856	3:10:41:45	3641.76	2667.99		
1857	3:10:42:43	3642.72	2667.25		
1858	3:10:43:40	3643.68	2666.24		
1859	3:10:44:38	3644.64	2665.37		
1860	3:10:45:36	3645.60	2664.71		
1861	3:10:46:33	3646.56	2664.14		
1862	3:10:47:31	3647.52	2663.71		
1863	3:10:48:28	3648.48	2663.27		
1864	3:10:49:26	3649.44	2662.83		
1865	3:10:50:24	3650.40	2662.48		
1866	3:10:51:21	3651.36	2662.18		
1867	3:10:52:19	3652.32	2661.91		
1868	3:10:53:16	3653.28	2661.74		
1869	3:10:54:14	3654.24	2661.34		
1870	3:10:55:12	3655.20	2660.91		
1871	3:10:56:09	3656.16	2660.91		
1872	3:10:57:07	3657.12	2660.86		
1873	3:10:58:04	3658.08	2661.04		
1874	3:10:59:02	3659.04	2660.91		
1875	3:11:00:00	3660.00	2661.12		
1876	3:11:00:57	3660.96	2661.17		
1877	3:11:01:55	3661.92	2661.21		
1878	3:11:02:52	3662.88	2661.30		
1879	3:11:03:50	3663.84	2661.87		
1880	3:11:04:48	3664.80	2662.09		
1881	3:11:05:45	3665.76	2662.31		
1882	3:11:06:43	3666.72	2663.01		
1883	3:11:07:40	3667.68	2663.93		
1884	3:11:08:38	3668.64	2664.54		
1885	3:11:09:36	3669.60	2666.16		
1886	3:11:10:33	3670.56	2667.56		
1887	3:11:11:31	3671.52	2669.18		
1888	3:11:12:28	3672.48		193.82	
1889	3:11:13:26	3673.44	2670.55		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317574

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :22:00:00

DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61772
EPG # : 62530
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1890	3:11:14:24	3674.40	2671.20		
1891	3:11:15:21	3675.36	2672.56		
1892	3:11:16:19	3676.32	2673.70		
1893	3:11:17:16	3677.28	2674.75		
1894	3:11:18:14	3678.24	2677.16		
1895	3:11:19:12	3679.20	2677.77		
1896	3:11:20:09	3680.16	2677.77		
1897	3:11:21:07	3681.12	2679.70		
1898	3:11:22:04	3682.08	2680.18		
1899	3:11:23:02	3683.04	2680.75		
1900	3:11:24:00	3684.00	2682.72		
1901	3:11:24:57	3684.96	2685.96		
1902	3:11:25:55	3685.92	2683.42		
1903	3:11:26:52	3686.88	2687.27		
1904	3:11:27:50	3687.84	2695.37		
1905	3:11:28:48	3688.80	2689.59		
1906	3:11:29:45	3689.76	2692.92		
1907	3:11:30:43	3690.72	2690.16		
1908	3:11:31:40	3691.68	2685.08		
1909	3:11:32:38	3692.64	2685.47		
1910	3:11:33:36	3693.60	2685.74		
1911	3:11:34:33	3694.56	2686.18		
1912	3:11:35:31	3695.52	2686.44		
1913	3:11:36:28	3696.48	2686.61		
1914	3:11:37:26	3697.44	2686.92		
1915	3:11:38:24	3698.40	2687.27		
1916	3:11:39:21	3699.36	2687.23		
1917	3:11:40:19	3700.32	2687.36		
1918	3:11:41:16	3701.28	2687.62		
1919	3:11:42:14	3702.24	2667.40		
1920	3:11:43:12	3703.20	2725.87		
1921	3:11:44:09	3704.16	2688.19		
1922	3:11:45:07	3705.12	2688.19		
1923	3:11:46:04	3706.08	2692.13		
1924	3:11:47:02	3707.04	2689.42		
1925	3:11:48:00	3708.00	2687.97		
1926	3:11:48:57	3708.96	2688.36		
1927	3:11:49:55	3709.92	2688.32		
1928	3:11:50:52	3710.88	2688.45		
1929	3:11:51:50	3711.84	2688.76		
1930	3:11:52:48	3712.80	2688.67		
1931	3:11:53:45	3713.76	2688.67		
1932	3:11:54:43	3714.72	2688.76		
1933	3:11:55:40	3715.68	2688.89		
1934	3:11:56:38	3716.64	2689.20		
1935	3:11:57:36	3717.60	2689.11		
1936	3:11:58:33	3718.56	2689.24		
1937	3:11:59:31	3719.52	2687.14		
1938	3:12:00:28	3720.48	2689.02		
	3:12:01:00				INITIAL FLOW & BUILDUP FOR
1939	3:12:01:26	3721.44		193.94	
	3:12:01:00				PERFORATED INTERVAL#2
1940	3:12:02:24	3722.40	2569.09		

317575

	3:12:01:00			
1941	3:12:03:21	3723.36	2521.30	
1942	3:12:04:19	3724.32	2347.68	
1943	3:12:05:16	3725.28	2075.84	
1944	3:12:06:14	3726.24	1857.43	
1945	3:12:07:12	3727.20	1719.31	
1946	3:12:08:09	3728.16	1606.76	
1947	3:12:09:07	3729.12	1502.80	
1948	3:12:10:04	3730.08	1415.16	
1949	3:12:11:02	3731.04	1341.66	
1950	3:12:12:00	3732.00	1320.26	
1951	3:12:12:57	3732.96	1281.74	
1952	3:12:13:55	3733.92	1260.22	
1953	3:12:14:52	3734.88	1250.71	
1954	3:12:15:50	3735.84	1269.05	
1955	3:12:16:48	3736.80	1311.67	
1956	3:12:17:45	3737.76	1695.70	
1957	3:12:18:43	3738.72	1735.67	
1958	3:12:19:40	3739.68	1874.38	
1959	3:12:20:38	3740.64	1978.33	
1960	3:12:21:36	3741.60	2067.38	
1961	3:12:22:33	3742.56	2141.78	
1962	3:12:23:31	3743.52	2199.78	
1963	3:12:24:28	3744.48	2243.25	
1964	3:12:25:26	3745.44	2273.41	
1965	3:12:26:24	3746.40	2290.53	
1966	3:12:27:21	3747.36	2300.18	
1967	3:12:28:19	3748.32	2317.19	
1968	3:12:29:16	3749.28	2386.75	
1969	3:12:30:14	3750.24	2441.63	
1970	3:12:31:12	3751.20	2483.21	
1971	3:12:32:09	3752.16	2515.81	
1972	3:12:33:07	3753.12	2540.91	
1973	3:12:34:04	3754.08	2559.14	
1974	3:12:35:02	3755.04	2573.54	
1975	3:12:36:00	3756.00	2585.45	
1976	3:12:36:57	3756.96	2594.97	
1977	3:12:37:55	3757.92	2602.18	
1978	3:12:38:52	3758.88	2608.90	
1979	3:12:39:50	3759.84	2614.71	
1980	3:12:40:48	3760.80	2618.99	
1981	3:12:41:45	3761.76	2622.97	
1982	3:12:42:43	3762.72	2626.47	
1983	3:12:43:40	3763.68	2629.35	
1984	3:12:44:38	3764.64	2631.80	
1985	3:12:45:36	3765.60	2634.25	
1986	3:12:46:33	3766.56	2636.00	
1987	3:12:47:31	3767.52	2637.61	
1988	3:12:48:28	3768.48	2639.10	
1989	3:12:49:26	3769.44	2640.68	
1990	3:12:50:24	3770.40		201.93
1991	3:12:51:21	3771.36	2651.24	
1992	3:12:52:19	3772.32	2652.64	
1993	3:12:53:16	3773.28	2654.26	
1994	3:12:54:14	3774.24	2655.53	
1995	3:12:55:12	3775.20	2656.09	
1996	3:12:56:09	3776.16	2656.71	
1997	3:12:57:07	3777.12	2657.54	
1998	3:12:58:04	3778.08	2658.11	
1999	3:12:59:02	3779.04	2658.54	
2000	3:13:00:00	3780.00	2659.11	

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

Halliburton Services
Drill Stem Testing

Owner: AMOCO AUST.
Lease: YOLLA #1
Well # 1
Ticket # 316608
Date: 1 / 10 / 85
E. M. R. 61775 E. P. G. 63148
Test # 3
Start Time : 20: 59: 50

PLOTS

PLOTS FOR E.M.R. 61775 E.P.G. 63148

3.1 TEMPERATURE AND PRESSURE VRS TIME POINTS 1 TO 2000.

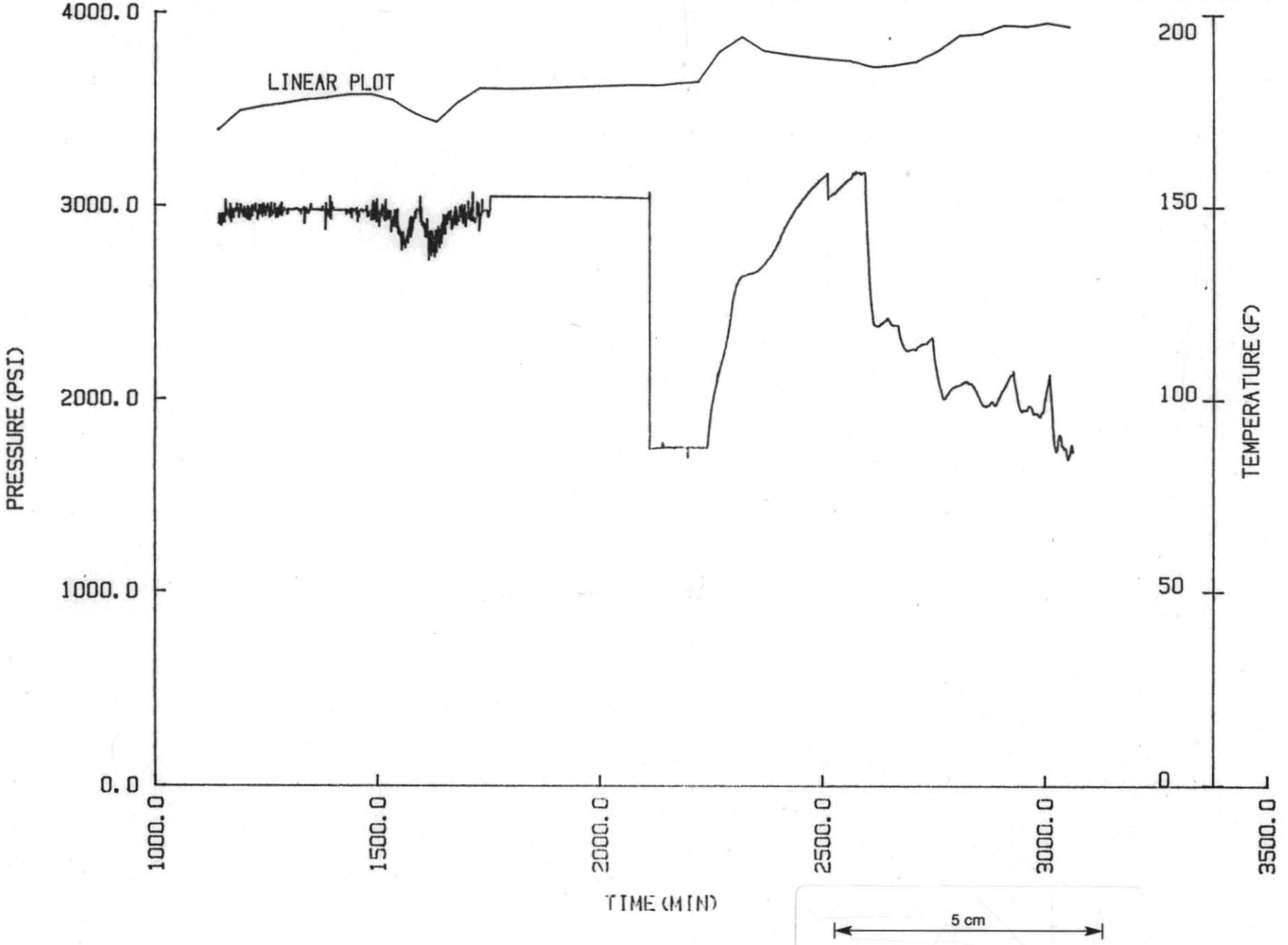
3.2 BLOWUP OF PRESSURE VRS TIME FOR FLOW AND BUILDUP PERIODS FOR PERFORATED INTERVAL #1 POINTS 1136 TO 2000.

317578

PLOT 3.1

Lease Name YOLLA #1 | Well no. 1 | Ticket no. 316608 | Date 1 / 10 / 85

Lease Owner AMOCO AUST. | Test no. 3 | Gauge 63148 EMR 61775 | Start Time 20:59:50



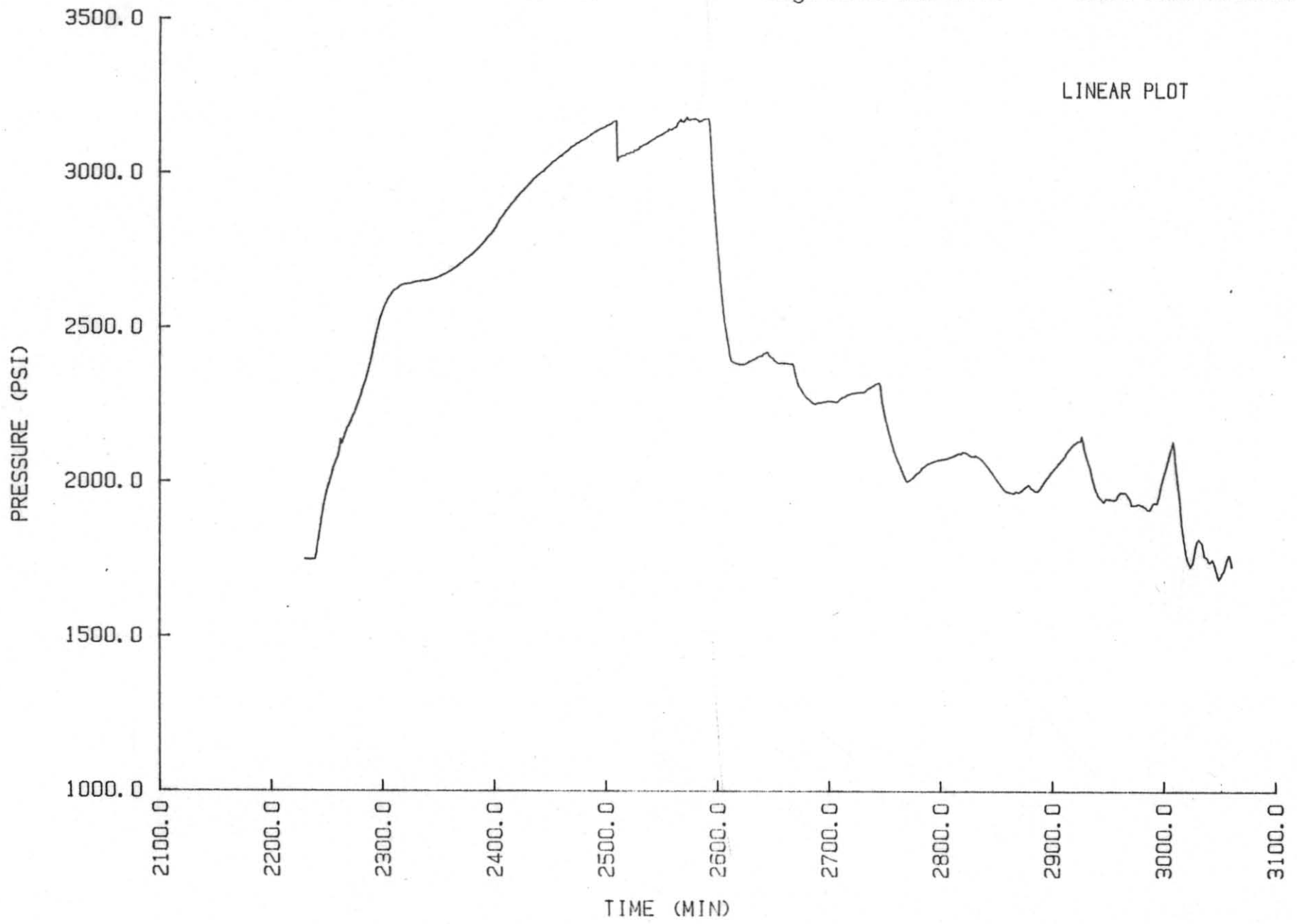
317579

PLOT 3.2

5 cm

Lease Name YOLLA #1 | Well no. 1 | Ticket no. 316608 | Date 1 / 10 / 85

Lease Owner AMOCO AUST. | Test no. 3 | Gauge 63148 EMR 61775 | Start Time 20:59:50



Halliburton Services
Drill Stem Testing

Owner: AMOCO AUST.
Lease: YOLLA #1
Well # 1
Ticket # 316608
Date: 1 / 10 / 85
E. M. R. 61775 E. P. G. 63148
Test # 3
Start Time : 20: 59: 50

DATA POINTS

HALLIBURTON SERVICES DRILL STEM TESTING

317581

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
	1:01:45:00				RUN IN HOLE WITH TOOL STRING
1	1:16:00:47	1140.96		169.47	
2	1:16:01:45	1141.92	2904.60		
3	1:16:02:42	1142.88	2906.61		
4	1:16:03:40	1143.84	2953.13		
5	1:16:04:38	1144.80	2952.85		
6	1:16:05:35	1145.76	2901.99		
7	1:16:06:33	1146.72	2949.23		
8	1:16:07:30	1147.68	2950.96		
9	1:16:08:28	1148.64	2894.95		
10	1:16:09:26	1149.60	2946.25		
11	1:16:10:23	1150.56	2956.76		
12	1:16:11:21	1151.52	2907.70		
13	1:16:12:18	1152.48	2957.48		
14	1:16:13:16	1153.44	2953.13		
15	1:16:14:14	1154.40	2945.12		
16	1:16:15:11	1155.36	2923.14		
17	1:16:16:09	1156.32	2911.04		
18	1:16:17:06	1157.28	2941.86		
19	1:16:18:04	1158.24	3026.00		
20	1:16:19:02	1159.20	2946.45		
21	1:16:19:59	1160.16	2952.49		
22	1:16:20:57	1161.12	2985.13		
23	1:16:21:54	1162.08	2965.50		
24	1:16:22:52	1163.04	2945.04		
25	1:16:23:50	1164.00	2972.75		
26	1:16:24:47	1164.96	2949.23		
27	1:16:25:45	1165.92	2967.56		
28	1:16:26:42	1166.88	2933.37		
29	1:16:27:40	1167.84	2947.70		
30	1:16:28:38	1168.80	3004.32		
31	1:16:29:35	1169.76	2965.86		
32	1:16:30:33	1170.72	2913.41		
33	1:16:31:30	1171.68	2983.80		
34	1:16:32:28	1172.64	2962.24		
35	1:16:33:26	1173.60	2938.80		
36	1:16:34:23	1174.56	2968.12		
37	1:16:35:21	1175.52	2969.17		
38	1:16:36:18	1176.48	2931.96		
39	1:16:37:16	1177.44	2976.46		
40	1:16:38:14	1178.40	2964.37		
41	1:16:39:11	1179.36	2980.17		
42	1:16:40:09	1180.32	2972.39		
43	1:16:41:06	1181.28	2966.43		
44	1:16:42:04	1182.24	2971.95		
45	1:16:43:02	1183.20	2971.83		
46	1:16:43:59	1184.16	3006.26		
47	1:16:44:57	1185.12	2972.35		
48	1:16:45:54	1186.08	2982.19		
49	1:16:46:52	1187.04	2978.28		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317582

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
50	1:16:47:50	1188.00	2936.38		
51	1:16:48:47	1188.96	2953.98		
52	1:16:49:45	1189.92		174.53	
53	1:16:50:42	1190.88	2977.74		
54	1:16:51:40	1191.84	3002.41		
55	1:16:52:38	1192.80	3000.11		
56	1:16:53:35	1193.76	2974.03		
57	1:16:54:33	1194.72	2959.53		
58	1:16:55:30	1195.68	2962.39		
59	1:16:56:28	1196.64	2951.48		
60	1:16:57:26	1197.60	2969.88		
61	1:16:58:23	1198.56	2939.20		
62	1:16:59:21	1199.52	2971.78		
63	1:17:00:18	1200.48	2988.09		
64	1:17:01:16	1201.44	2939.73		
65	1:17:02:14	1202.40	2940.25		
66	1:17:03:11	1203.36	2958.00		
67	1:17:04:09	1204.32	2949.71		
68	1:17:05:06	1205.28	2934.86		
69	1:17:06:04	1206.24	2979.71		
70	1:17:07:02	1207.20	2928.94		
71	1:17:07:59	1208.16	2992.85		
72	1:17:08:57	1209.12	2965.33		
73	1:17:09:54	1210.08	2985.80		
74	1:17:10:52	1211.04	2975.16		
75	1:17:11:50	1212.00	2923.23		
76	1:17:12:47	1212.96	2952.57		
77	1:17:13:45	1213.92	2926.61		
78	1:17:14:42	1214.88	2951.28		
79	1:17:15:40	1215.84	2972.18		
80	1:17:16:38	1216.80	2990.88		
81	1:17:17:35	1217.76	2969.56		
82	1:17:18:33	1218.72	2944.60		
83	1:17:19:30	1219.68	2998.66		
84	1:17:20:28	1220.64	2972.30		
85	1:17:21:26	1221.60	2967.91		
86	1:17:22:23	1222.56	2968.15		
87	1:17:23:21	1223.52	2979.67		
88	1:17:24:18	1224.48	2972.38		
89	1:17:25:16	1225.44	3004.34		
90	1:17:26:14	1226.40	2975.32		
91	1:17:27:11	1227.36	2960.98		
92	1:17:28:09	1228.32	2970.85		
93	1:17:29:06	1229.28	2962.67		
94	1:17:30:04	1230.24	2925.81		
95	1:17:31:02	1231.20	2962.23		
96	1:17:31:59	1232.16	2964.44		
97	1:17:32:57	1233.12	3001.32		
98	1:17:33:54	1234.08	2988.74		
99	1:17:34:52	1235.04	2950.35		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317583

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
100	1:17:35:50	1236.00	2969.40		
101	1:17:36:47	1236.96	2972.02		
102	1:17:37:45	1237.92	2998.62		
103	1:17:38:42	1238.88		175.72	
104	1:17:39:40	1239.84	2976.45		
105	1:17:40:38	1240.80	2940.61		
106	1:17:41:35	1241.76	2974.35		
107	1:17:42:33	1242.72	3007.89		
108	1:17:43:30	1243.68	3003.37		
109	1:17:44:28	1244.64	2993.65		
110	1:17:45:26	1245.60	2961.26		
111	1:17:46:23	1246.56	2991.32		
112	1:17:47:21	1247.52	2971.41		
113	1:17:48:18	1248.48	2947.54		
114	1:17:49:16	1249.44	2964.40		
115	1:17:50:14	1250.40	2976.93		
116	1:17:51:11	1251.36	2970.69		
117	1:17:52:09	1252.32	2986.08		
118	1:17:53:06	1253.28	3004.38		
119	1:17:54:04	1254.24	2989.06		
120	1:17:55:02	1255.20	2967.47		
121	1:17:55:59	1256.16	2980.96		
122	1:17:56:57	1257.12	2937.88		
123	1:17:57:54	1258.08	2945.73		
124	1:17:58:52	1259.04	2955.22		
125	1:17:59:50	1260.00	2948.54		
126	1:18:00:47	1260.96	3008.65		
127	1:18:01:45	1261.92	2946.93		
128	1:18:02:42	1262.88	2975.52		
129	1:18:03:40	1263.84	2966.82		
130	1:18:04:38	1264.80	2956.71		
131	1:18:05:35	1265.76	2957.68		
132	1:18:06:33	1266.72	2967.18		
133	1:18:07:30	1267.68	2976.29		
134	1:18:08:28	1268.64	3005.75		
135	1:18:09:26	1269.60	2960.54		
136	1:18:10:23	1270.56	2977.13		
137	1:18:11:21	1271.52	2935.55		
138	1:18:12:18	1272.48	2966.02		
139	1:18:13:16	1273.44	2976.81		
140	1:18:14:14	1274.40	2976.85		
141	1:18:15:11	1275.36	2986.52		
142	1:18:16:09	1276.32	2939.13		
143	1:18:17:06	1277.28	2979.51		
144	1:18:18:04	1278.24	2964.93		
145	1:18:19:02	1279.20	2982.65		
146	1:18:19:59	1280.16	2950.76		
147	1:18:20:57	1281.12	2994.18		
148	1:18:21:54	1282.08	3001.03		
149	1:18:22:52	1283.04	2972.50		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317584

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
150	1:18:23:50	1284.00	2950.11		
151	1:18:24:47	1284.96	3010.71		
152	1:18:25:45	1285.92	2946.97		
153	1:18:26:42	1286.88	2965.94		
154	1:18:27:40	1287.84		176.48	
155	1:18:28:38	1288.80	2969.29		
156	1:18:29:35	1289.76	2984.31		
157	1:18:30:33	1290.72	2977.87		
158	1:18:31:30	1291.68	2977.74		
159	1:18:32:28	1292.64	2977.30		
160	1:18:33:26	1293.60	2977.50		
161	1:18:34:23	1294.56	2977.46		
162	1:18:35:21	1295.52	2976.54		
163	1:18:36:18	1296.48	2977.02		
164	1:18:37:16	1297.44	2953.95		
165	1:18:38:14	1298.40	2958.78		
166	1:18:39:11	1299.36	2979.15		
167	1:18:40:09	1300.32	2982.50		
168	1:18:41:06	1301.28	2977.91		
169	1:18:42:04	1302.24	2977.91		
170	1:18:43:02	1303.20	2977.95		
171	1:18:43:59	1304.16	2978.11		
172	1:18:44:57	1305.12	2978.03		
173	1:18:45:54	1306.08	2977.91		
174	1:18:46:52	1307.04	2977.95		
175	1:18:47:50	1308.00	2979.40		
176	1:18:48:47	1308.96	2979.03		
177	1:18:49:45	1309.92	2978.91		
178	1:18:50:42	1310.88	2978.91		
179	1:18:51:40	1311.84	2978.91		
180	1:18:52:38	1312.80	2979.03		
181	1:18:53:35	1313.76	2980.64		
182	1:18:54:33	1314.72	2980.56		
183	1:18:55:30	1315.68	2980.52		
184	1:18:56:28	1316.64	2984.92		
185	1:18:57:26	1317.60	2981.45		
186	1:18:58:23	1318.56	2982.78		
187	1:18:59:21	1319.52	2980.16		
188	1:19:00:18	1320.48	2979.36		
189	1:19:01:16	1321.44	2979.15		
190	1:19:02:14	1322.40	2977.38		
191	1:19:03:11	1323.36	2977.87		
192	1:19:04:09	1324.32	2970.25		
193	1:19:05:06	1325.28	2974.40		
194	1:19:06:04	1326.24	2976.58		
195	1:19:07:02	1327.20	2976.74		
196	1:19:07:59	1328.16	2955.68		
197	1:19:08:57	1329.12	2975.81		
198	1:19:09:54	1330.08	2976.17		
199	1:19:10:52	1331.04	2976.37		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317585

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
200	1:19:11:50	1332.00	2978.63		
201	1:19:12:47	1332.96	2982.70		
202	1:19:13:45	1333.92	2990.72		
203	1:19:14:42	1334.88	2977.38		
204	1:19:15:40	1335.84	2906.20		
205	1:19:16:38	1336.80		177.50	
206	1:19:17:35	1337.76	2960.96		
207	1:19:18:33	1338.72	2985.41		
208	1:19:19:30	1339.68	2960.44		
209	1:19:20:28	1340.64	2975.78		
210	1:19:21:26	1341.60	2975.82		
211	1:19:22:23	1342.56	2975.94		
212	1:19:23:21	1343.52	2976.06		
213	1:19:24:18	1344.48	2958.26		
214	1:19:25:16	1345.44	2963.66		
215	1:19:26:14	1346.40	2968.49		
216	1:19:27:11	1347.36	2976.63		
217	1:19:28:09	1348.32	2992.54		
218	1:19:29:06	1349.28	2982.39		
219	1:19:30:04	1350.24	3003.91		
220	1:19:31:02	1351.20	2978.84		
221	1:19:31:59	1352.16	2981.74		
222	1:19:32:57	1353.12	2977.87		
223	1:19:33:54	1354.08	2977.67		
224	1:19:34:52	1355.04	2977.91		
225	1:19:35:50	1356.00	2977.75		
226	1:19:36:47	1356.96	2977.87		
227	1:19:37:45	1357.92	2976.59		
228	1:19:38:42	1358.88	2977.39		
229	1:19:39:40	1359.84	2977.55		
230	1:19:40:38	1360.80	2977.59		
231	1:19:41:35	1361.76	2977.87		
232	1:19:42:33	1362.72	2978.04		
233	1:19:43:30	1363.68	2978.08		
234	1:19:44:28	1364.64	2978.28		
235	1:19:45:26	1365.60	2978.52		
236	1:19:46:23	1366.56	2978.68		
237	1:19:47:21	1367.52	2978.84		
238	1:19:48:18	1368.48	2978.92		
239	1:19:49:16	1369.44	2975.18		
240	1:19:50:14	1370.40	2974.41		
241	1:19:51:11	1371.36	2975.26		
242	1:19:52:09	1372.32	2974.41		
243	1:19:53:06	1373.28	2969.18		
244	1:19:54:04	1374.24	2974.37		
245	1:19:55:02	1375.20	2975.90		
246	1:19:55:59	1376.16	2992.14		
247	1:19:56:57	1377.12	2977.35		
248	1:19:57:54	1378.08	2973.28		
249	1:19:58:52	1379.04	2975.42		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317586

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
250	1:19:59:50	1380.00	2972.96		
251	1:20:00:47	1380.96	2975.01		
252	1:20:01:45	1381.92	2974.33		
253	1:20:02:42	1382.88	2874.89		
254	1:20:03:40	1383.84	3009.43		
255	1:20:04:38	1384.80	2942.57		
256	1:20:05:35	1385.76		178.01	
257	1:20:06:33	1386.72	2975.75		
258	1:20:07:30	1387.68	2956.18		
259	1:20:08:28	1388.64	2979.41		
260	1:20:09:26	1389.60	2944.55		
261	1:20:10:23	1390.56	2958.15		
262	1:20:11:21	1391.52	2950.42		
263	1:20:12:18	1392.48	2939.08		
264	1:20:13:16	1393.44	3045.26		
265	1:20:14:14	1394.40	2962.50		
266	1:20:15:11	1395.36	2926.77		
267	1:20:16:09	1396.32	2983.04		
268	1:20:17:06	1397.28	3012.50		
269	1:20:18:04	1398.24	2986.82		
270	1:20:19:02	1399.20	2984.61		
271	1:20:19:59	1400.16	2988.31		
272	1:20:20:57	1401.12	2974.42		
273	1:20:21:54	1402.08	2975.62		
274	1:20:22:52	1403.04	2975.79		
275	1:20:23:50	1404.00	2975.87		
276	1:20:24:47	1404.96	2976.15		
277	1:20:25:45	1405.92	2974.17		
278	1:20:26:42	1406.88	2974.94		
279	1:20:27:40	1407.84	2975.22		
280	1:20:28:38	1408.80	2975.18		
281	1:20:29:35	1409.76	2975.46		
282	1:20:30:33	1410.72	2975.75		
283	1:20:31:30	1411.68	2973.81		
284	1:20:32:28	1412.64	2974.05		
285	1:20:33:26	1413.60	2974.38		
286	1:20:34:23	1414.56	2974.62		
287	1:20:35:21	1415.52	2974.82		
288	1:20:36:18	1416.48	2975.02		
289	1:20:37:16	1417.44	2975.30		
290	1:20:38:14	1418.40	2975.50		
291	1:20:39:11	1419.36	2975.62		
292	1:20:40:09	1420.32	2975.87		
293	1:20:41:06	1421.28	2976.03		
294	1:20:42:04	1422.24	2976.31		
295	1:20:43:02	1423.20	2976.51		
296	1:20:43:59	1424.16	2976.71		
297	1:20:44:57	1425.12	2976.91		
298	1:20:45:54	1426.08	2977.12		
299	1:20:46:52	1427.04	2977.32		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317587

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
300	1:20:47:50	1428.00	2977.48		
301	1:20:48:47	1428.96	2955.29		
302	1:20:49:45	1429.92	2955.90		
303	1:20:50:42	1430.88	2974.50		
304	1:20:51:40	1431.84	2973.45		
305	1:20:52:38	1432.80	2973.93		
306	1:20:53:35	1433.76	2968.46		
307	1:20:54:33	1434.72		178.86	
308	1:20:55:30	1435.68	2962.72		
309	1:20:56:28	1436.64	2960.30		
310	1:20:57:26	1437.60	2972.34		
311	1:20:58:23	1438.56	2984.06		
312	1:20:59:21	1439.52	2948.99		
313	1:21:00:18	1440.48	2978.22		
314	1:21:01:16	1441.44	2935.20		
315	1:21:02:14	1442.40	2981.93		
316	1:21:03:11	1443.36	2972.91		
317	1:21:04:09	1444.32	2971.70		
318	1:21:05:06	1445.28	2967.55		
319	1:21:06:04	1446.24	2974.36		
320	1:21:07:02	1447.20	2981.81		
321	1:21:07:59	1448.16	2971.17		
322	1:21:08:57	1449.12	2978.10		
323	1:21:09:54	1450.08	2968.44		
324	1:21:10:52	1451.04	2969.08		
325	1:21:11:50	1452.00	2952.09		
326	1:21:12:47	1452.96	2986.76		
327	1:21:13:45	1453.92	2965.58		
328	1:21:14:42	1454.88	2914.97		
329	1:21:15:40	1455.84	2966.79		
330	1:21:16:38	1456.80	2956.20		
331	1:21:17:35	1457.76	2939.82		
332	1:21:18:33	1458.72	2965.38		
333	1:21:19:30	1459.68	2975.97		
334	1:21:20:28	1460.64	2975.60		
335	1:21:21:26	1461.60	2976.93		
336	1:21:22:23	1462.56	2976.97		
337	1:21:23:21	1463.52	2978.99		
338	1:21:24:18	1464.48	2976.61		
339	1:21:25:16	1465.44	2977.18		
340	1:21:26:14	1466.40	2965.98		
341	1:21:27:11	1467.36	2974.80		
342	1:21:28:09	1468.32	2975.24		
343	1:21:29:06	1469.28	2974.11		
344	1:21:30:04	1470.24	2974.56		
345	1:21:31:02	1471.20	2976.73		
346	1:21:31:59	1472.16	2973.87		
347	1:21:32:57	1473.12	2971.05		
348	1:21:33:54	1474.08	2975.08		
349	1:21:34:52	1475.04	2994.30		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317588

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
350	1:21:35:50	1476.00	2942.07		
351	1:21:36:47	1476.96	2955.55		
352	1:21:37:45	1477.92	2968.88		
353	1:21:38:42	1478.88	2943.76		
354	1:21:39:40	1479.84	2968.15		
355	1:21:40:38	1480.80	2966.30		
356	1:21:41:35	1481.76	2963.77		
357	1:21:42:33	1482.72	2968.60		
358	1:21:43:30	1483.68		178.88	
359	1:21:44:28	1484.64	2972.87		
360	1:21:45:26	1485.60	2923.50		
361	1:21:46:23	1486.56	2929.37		
362	1:21:47:21	1487.52	3004.62		
363	1:21:48:18	1488.48	2984.31		
364	1:21:49:16	1489.44	3023.65		
365	1:21:50:14	1490.40	2927.48		
366	1:21:51:11	1491.36	2979.11		
367	1:21:52:09	1492.32	2932.79		
368	1:21:53:06	1493.28	2938.22		
369	1:21:54:04	1494.24	3013.04		
370	1:21:55:02	1495.20	2960.71		
371	1:21:55:59	1496.16	2975.16		
372	1:21:56:57	1497.12	2914.57		
373	1:21:57:54	1498.08	3031.72		
374	1:21:58:52	1499.04	2976.33		
375	1:21:59:50	1500.00	2960.47		
376	1:22:00:47	1500.96	2972.87		
377	1:22:01:45	1501.92	2954.91		
378	1:22:02:42	1502.88	2891.75		
379	1:22:03:40	1503.84	2926.67		
380	1:22:04:38	1504.80	2939.46		
381	1:22:05:35	1505.76	2953.10		
382	1:22:06:33	1506.72	2978.95		
383	1:22:07:30	1507.68	2942.96		
384	1:22:08:28	1508.64	2957.57		
385	1:22:09:26	1509.60	3004.42		
386	1:22:10:23	1510.56	2988.78		
387	1:22:11:21	1511.52	2983.90		
388	1:22:12:18	1512.48	2968.48		
389	1:22:13:16	1513.44	2930.85		
390	1:22:14:14	1514.40	2935.76		
391	1:22:15:11	1515.36	2924.50		
392	1:22:16:09	1516.32	2919.11		
393	1:22:17:06	1517.28	3029.50		
394	1:22:18:04	1518.24	2979.88		
395	1:22:19:02	1519.20	2927.60		
396	1:22:19:59	1520.16	2971.62		
397	1:22:20:57	1521.12	2977.22		
398	1:22:21:54	1522.08	2966.22		
399	1:22:22:52	1523.04	2928.24		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317589

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
400	1:22:23:50	1524.00	2936.85		
401	1:22:24:47	1524.96	2973.51		
402	1:22:25:45	1525.92	2944.41		
403	1:22:26:42	1526.88	2969.93		
404	1:22:27:40	1527.84	2972.14		
405	1:22:28:38	1528.80	2969.29		
406	1:22:29:35	1529.76	2863.85		
407	1:22:30:33	1530.72	2939.86		
408	1:22:31:30	1531.68	2935.04		
409	1:22:32:28	1532.64		177.28	
410	1:22:33:26	1533.60	2944.95		
411	1:22:34:23	1534.56	2892.44		
412	1:22:35:21	1535.52	2912.85		
413	1:22:36:18	1536.48	2890.79		
414	1:22:37:16	1537.44	2939.23		
415	1:22:38:14	1538.40	2974.70		
416	1:22:39:11	1539.36	2914.26		
417	1:22:40:09	1540.32	2898.22		
418	1:22:41:06	1541.28	2952.11		
419	1:22:42:04	1542.24	2886.13		
420	1:22:43:02	1543.20	2964.19		
421	1:22:43:59	1544.16	2979.25		
422	1:22:44:57	1545.12	2877.90		
423	1:22:45:54	1546.08	2854.06		
424	1:22:46:52	1547.04	2889.02		
425	1:22:47:50	1548.00	2853.21		
426	1:22:48:47	1548.96	2843.15		
427	1:22:49:45	1549.92	2871.44		
428	1:22:50:42	1550.88	2855.62		
429	1:22:51:40	1551.84	2848.88		
430	1:22:52:38	1552.80	2807.67		
431	1:22:53:35	1553.76	2769.92		
432	1:22:54:33	1554.72	2799.98		
433	1:22:55:30	1555.68	2819.49		
434	1:22:56:28	1556.64	2861.88		
435	1:22:57:26	1557.60	2825.34		
436	1:22:58:23	1558.56	2830.64		
437	1:22:59:21	1559.52	2799.54		
438	1:23:00:18	1560.48	2812.60		
439	1:23:01:16	1561.44	2781.80		
440	1:23:02:14	1562.40	2818.69		
441	1:23:03:11	1563.36	2821.98		
442	1:23:04:09	1564.32	2821.98		
443	1:23:05:06	1565.28	2841.14		
444	1:23:06:04	1566.24	2832.68		
445	1:23:07:02	1567.20	2871.35		
446	1:23:07:59	1568.16	2807.19		
447	1:23:08:57	1569.12	2881.39		
448	1:23:09:54	1570.08	2861.12		
449	1:23:10:52	1571.04	2895.21		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317590

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
450	1:23:11:50	1572.00	2932.84		
451	1:23:12:47	1572.96	2892.24		
452	1:23:13:45	1573.92	2835.73		
453	1:23:14:42	1574.88	2848.84		
454	1:23:15:40	1575.84	2940.36		
455	1:23:16:38	1576.80	2913.98		
456	1:23:17:35	1577.76	2868.14		
457	1:23:18:33	1578.72	2917.92		
458	1:23:19:30	1579.68	2914.78		
459	1:23:20:28	1580.64	2938.59		
460	1:23:21:26	1581.60		173.82	
461	1:23:22:23	1582.56	2930.95		
462	1:23:23:21	1583.52	2971.78		
463	1:23:24:18	1584.48	2936.14		
464	1:23:25:16	1585.44	2960.62		
465	1:23:26:14	1586.40	2982.13		
466	1:23:27:11	1587.36	2974.96		
467	1:23:28:09	1588.32	2974.35		
468	1:23:29:06	1589.28	2974.39		
469	1:23:30:04	1590.24	2973.14		
470	1:23:31:02	1591.20	2973.67		
471	1:23:31:59	1592.16	2970.04		
472	1:23:32:57	1593.12	2978.30		
473	1:23:33:54	1594.08	2952.40		
474	1:23:34:52	1595.04	3044.09		
475	1:23:35:50	1596.00	2915.87		
476	1:23:36:47	1596.96	2970.61		
477	1:23:37:45	1597.92	2988.54		
478	1:23:38:42	1598.88	2898.82		
479	1:23:39:40	1599.84	2912.13		
480	1:23:40:38	1600.80	2914.10		
481	1:23:41:35	1601.76	2912.29		
482	1:23:42:33	1602.72	2886.81		
483	1:23:43:30	1603.68	2891.91		
484	1:23:44:28	1604.64	2904.01		
485	1:23:45:26	1605.60	2840.08		
486	1:23:46:23	1606.56	2856.09		
487	1:23:47:21	1607.52	2874.08		
488	1:23:48:18	1608.48	2834.79		
489	1:23:49:16	1609.44	2868.70		
490	1:23:50:14	1610.40	2930.03		
491	1:23:51:11	1611.36	2871.79		
492	1:23:52:09	1612.32	2831.10		
493	1:23:53:06	1613.28	2850.67		
494	1:23:54:04	1614.24	2718.65		
495	1:23:55:02	1615.20	2827.13		
496	1:23:55:59	1616.16	2831.14		
497	1:23:56:57	1617.12	2868.82		
498	1:23:57:54	1618.08	2819.95		
499	1:23:58:52	1619.04	2799.03		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317591

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
500	1:23:59:50	1620.00	2740.16		
501	2:00:00:47	1620.96	2778.17		
502	2:00:01:45	1621.92	2867.05		
503	2:00:02:42	1622.88	2766.44		
504	2:00:03:40	1623.84	2759.64		
505	2:00:04:38	1624.80	2839.04		
506	2:00:05:35	1625.76	2827.01		
507	2:00:06:33	1626.72	2825.52		
508	2:00:07:30	1627.68	2735.08		
509	2:00:08:28	1628.64	2797.43		
510	2:00:09:26	1629.60	2868.42		
511	2:00:10:23	1630.56		171.68	
512	2:00:11:21	1631.52	2801.24		
513	2:00:12:18	1632.48	2757.71		
514	2:00:13:16	1633.44	2867.63		
515	2:00:14:14	1634.40	2808.93		
516	2:00:15:11	1635.36	2819.48		
517	2:00:16:09	1636.32	2889.64		
518	2:00:17:06	1637.28	2825.81		
519	2:00:18:04	1638.24	2834.08		
520	2:00:19:02	1639.20	2782.37		
521	2:00:19:59	1640.16	2851.93		
522	2:00:20:57	1641.12	2832.51		
523	2:00:21:54	1642.08	2895.39		
524	2:00:22:52	1643.04	2802.56		
525	2:00:23:50	1644.00	2836.24		
526	2:00:24:47	1644.96	2908.66		
527	2:00:25:45	1645.92	2848.40		
528	2:00:26:42	1646.88	2950.98		
529	2:00:27:40	1647.84	2879.32		
530	2:00:28:38	1648.80	2856.99		
531	2:00:29:35	1649.76	2853.26		
532	2:00:30:33	1650.72	2887.59		
533	2:00:31:30	1651.68	2854.06		
534	2:00:32:28	1652.64	2954.13		
535	2:00:33:26	1653.60	2948.89		
536	2:00:34:23	1654.56	2921.32		
537	2:00:35:21	1655.52	2942.37		
538	2:00:36:18	1656.48	2903.67		
539	2:00:37:16	1657.44	2937.18		
540	2:00:38:14	1658.40	2964.60		
541	2:00:39:11	1659.36	2923.17		
542	2:00:40:09	1660.32	2931.78		
543	2:00:41:06	1661.28	2956.74		
544	2:00:42:04	1662.24	2945.83		
545	2:00:43:02	1663.20	2970.92		
546	2:00:43:59	1664.16	2945.55		
547	2:00:44:57	1665.12	2877.75		
548	2:00:45:54	1666.08	2943.26		
549	2:00:46:52	1667.04	2913.28		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317592

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
550	2:00:47:50	1668.00	2888.24		
551	2:00:48:47	1668.96	2923.58		
552	2:00:49:45	1669.92	2949.98		
553	2:00:50:42	1670.88	2960.61		
554	2:00:51:40	1671.84	2969.75		
555	2:00:52:38	1672.80	2904.43		
556	2:00:53:35	1673.76	2990.35		
557	2:00:54:33	1674.72	2963.59		
558	2:00:55:30	1675.68	2906.65		
559	2:00:56:28	1676.64	2971.20		
560	2:00:57:26	1677.60	2900.49		
561	2:00:58:23	1678.56	2917.30		
562	2:00:59:21	1679.52		176.87	
563	2:01:00:18	1680.48	2922.11		
564	2:01:01:16	1681.44	2951.52		
565	2:01:02:14	1682.40	2919.78		
566	2:01:03:11	1683.36	2960.86		
567	2:01:04:09	1684.32	2995.42		
568	2:01:05:06	1685.28	2943.63		
569	2:01:06:04	1686.24	2944.11		
570	2:01:07:02	1687.20	2982.16		
571	2:01:07:59	1688.16	3002.96		
572	2:01:08:57	1689.12	2938.48		
573	2:01:09:54	1690.08	2957.47		
574	2:01:10:52	1691.04	2909.89		
575	2:01:11:50	1692.00	2978.90		
576	2:01:12:47	1692.96	2967.26		
577	2:01:13:45	1693.92	2968.87		
578	2:01:14:42	1694.88	3003.60		
579	2:01:15:40	1695.84	2960.78		
580	2:01:16:38	1696.80	2892.17		
581	2:01:17:35	1697.76	2902.17		
582	2:01:18:33	1698.72	2955.90		
583	2:01:19:30	1699.68	2937.07		
584	2:01:20:28	1700.64	2963.84		
585	2:01:21:26	1701.60	2935.42		
586	2:01:22:23	1702.56	3022.48		
587	2:01:23:21	1703.52	2981.48		
588	2:01:24:18	1704.48	2932.24		
589	2:01:25:16	1705.44	2940.81		
590	2:01:26:14	1706.40	2929.11		
591	2:01:27:11	1707.36	2975.84		
592	2:01:28:09	1708.32	2969.92		
593	2:01:29:06	1709.28	2991.83		
594	2:01:30:04	1710.24	2922.51		
595	2:01:31:02	1711.20	2986.15		
596	2:01:31:59	1712.16	3027.76		
597	2:01:32:57	1713.12	3066.52		
598	2:01:33:54	1714.08	2923.03		
599	2:01:34:52	1715.04	2951.72		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317593

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
600	2:01:35:50	1716.00	2933.29		
601	2:01:36:47	1716.96	2947.45		
602	2:01:37:45	1717.92	2914.03		
603	2:01:38:42	1718.88	2931.16		
604	2:01:39:40	1719.84	2931.28		
605	2:01:40:38	1720.80	2947.05		
606	2:01:41:35	1721.76	2953.85		
607	2:01:42:33	1722.72	3016.95		
608	2:01:43:30	1723.68	2959.49		
609	2:01:44:28	1724.64	2981.36		
610	2:01:45:26	1725.60	2966.94		
611	2:01:46:23	1726.56	3008.60		
612	2:01:47:21	1727.52	2870.28		
613	2:01:48:18	1728.48		180.49	
614	2:01:49:16	1729.44	2911.99		
615	2:01:50:14	1730.40	2937.40		
616	2:01:51:11	1731.36	2965.89		
617	2:01:52:09	1732.32	2950.96		
618	2:01:53:06	1733.28	2977.28		
619	2:01:54:04	1734.24	3031.58		
620	2:01:55:02	1735.20	2975.15		
621	2:01:55:59	1736.16	2969.43		
622	2:01:56:57	1737.12	2968.83		
623	2:01:57:54	1738.08	2974.55		
624	2:01:58:52	1739.04	2977.28		
625	2:01:59:50	1740.00	2979.18		
626	2:02:00:47	1740.96	2976.40		
627	2:02:01:45	1741.92	2977.57		
628	2:02:02:42	1742.88	2976.04		
629	2:02:03:40	1743.84	2976.16		
630	2:02:04:38	1744.80	2973.06		
631	2:02:05:35	1745.76	2969.39		
632	2:02:06:33	1746.72	2946.29		
633	2:02:07:30	1747.68	2973.14		
634	2:02:08:28	1748.64	2942.35		
635	2:02:09:26	1749.60	2951.36		
636	2:02:10:23	1750.56	2971.53		
637	2:02:11:21	1751.52	2973.46		
638	2:02:12:18	1752.48	3044.25		
639	2:02:13:16	1753.44	3047.96		
640	2:02:14:14	1754.40	3049.49		
641	2:02:15:11	1755.36	3049.65		
642	2:02:16:09	1756.32	3049.45		
643	2:02:17:06	1757.28	3049.33		
644	2:02:18:04	1758.24	3049.21		
645	2:02:19:02	1759.20	3049.13		
646	2:02:19:59	1760.16	3049.13		
647	2:02:20:57	1761.12	3049.05		
648	2:02:21:54	1762.08	3048.97		
649	2:02:22:52	1763.04	3048.89		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317594

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
650	2:02:23:50	1764.00	3048.77		
651	2:02:24:47	1764.96	3048.73		
652	2:02:25:45	1765.92	3048.65		
653	2:02:26:42	1766.88	3048.56		
654	2:02:27:40	1767.84	3048.52		
655	2:02:28:38	1768.80	3048.48		
656	2:02:29:35	1769.76	3048.44		
657	2:02:30:33	1770.72	3048.36		
658	2:02:31:30	1771.68	3048.32		
659	2:02:32:28	1772.64	3048.32		
660	2:02:33:26	1773.60	3048.28		
661	2:02:34:23	1774.56	3048.32		
662	2:02:35:21	1775.52	3048.24		
663	2:02:36:18	1776.48	3048.24		
664	2:02:37:16	1777.44		180.32	
665	2:02:38:14	1778.40	3048.21		
666	2:02:39:11	1779.36	3048.21		
667	2:02:40:09	1780.32	3048.21		
668	2:02:41:06	1781.28	3048.21		
669	2:02:42:04	1782.24	3048.17		
670	2:02:43:02	1783.20	3048.13		
671	2:02:43:59	1784.16	3048.09		
672	2:02:44:57	1785.12	3048.09		
673	2:02:45:54	1786.08	3048.05		
674	2:02:46:52	1787.04	3047.97		
675	2:02:47:50	1788.00	3047.89		
676	2:02:48:47	1788.96	3047.81		
677	2:02:49:45	1789.92	3047.73		
678	2:02:50:42	1790.88	3047.69		
679	2:02:51:40	1791.84	3047.61		
680	2:02:52:38	1792.80	3047.53		
681	2:02:53:35	1793.76	3047.49		
682	2:02:54:33	1794.72	3047.45		
683	2:02:55:30	1795.68	3047.41		
684	2:02:56:28	1796.64	3047.37		
685	2:02:57:26	1797.60	3047.33		
686	2:02:58:23	1798.56	3047.24		
687	2:02:59:21	1799.52	3047.20		
688	2:03:00:18	1800.48	3047.16		
689	2:03:01:16	1801.44	3047.12		
690	2:03:02:14	1802.40	3047.08		
691	2:03:03:11	1803.36	3047.04		
692	2:03:04:09	1804.32	3046.96		
693	2:03:05:06	1805.28	3046.92		
694	2:03:06:04	1806.24	3046.92		
695	2:03:07:02	1807.20	3046.92		
696	2:03:07:59	1808.16	3046.88		
697	2:03:08:57	1809.12	3046.84		
698	2:03:09:54	1810.08	3046.84		
699	2:03:10:52	1811.04	3046.88		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317595

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
700	2:03:11:50	1812.00	3046.84		
701	2:03:12:47	1812.96	3046.88		
702	2:03:13:45	1813.92	3046.84		
703	2:03:14:42	1814.88	3046.88		
704	2:03:15:40	1815.84	3046.84		
705	2:03:16:38	1816.80	3046.88		
706	2:03:17:35	1817.76	3046.88		
707	2:03:18:33	1818.72	3046.88		
708	2:03:19:30	1819.68	3046.92		
709	2:03:20:28	1820.64	3046.96		
710	2:03:21:26	1821.60	3046.96		
711	2:03:22:23	1822.56	3046.96		
712	2:03:23:21	1823.52	3046.92		
713	2:03:24:18	1824.48	3046.96		
714	2:03:25:16	1825.44	3047.00		
715	2:03:26:14	1826.40		180.48	
716	2:03:27:11	1827.36	3047.03		
717	2:03:28:09	1828.32	3047.07		
718	2:03:29:06	1829.28	3047.11		
719	2:03:30:04	1830.24	3047.11		
720	2:03:31:02	1831.20	3047.11		
721	2:03:31:59	1832.16	3047.15		
722	2:03:32:57	1833.12	3047.19		
723	2:03:33:54	1834.08	3047.19		
724	2:03:34:52	1835.04	3047.23		
725	2:03:35:50	1836.00	3047.19		
726	2:03:36:47	1836.96	3047.19		
727	2:03:37:45	1837.92	3047.19		
728	2:03:38:42	1838.88	3047.23		
729	2:03:39:40	1839.84	3047.27		
730	2:03:40:38	1840.80	3047.27		
731	2:03:41:35	1841.76	3047.27		
732	2:03:42:33	1842.72	3047.31		
733	2:03:43:30	1843.68	3047.31		
734	2:03:44:28	1844.64	3047.31		
735	2:03:45:26	1845.60	3047.35		
736	2:03:46:23	1846.56	3047.39		
737	2:03:47:21	1847.52	3047.35		
738	2:03:48:18	1848.48	3047.39		
739	2:03:49:16	1849.44	3047.43		
740	2:03:50:14	1850.40	3047.43		
741	2:03:51:11	1851.36	3047.47		
742	2:03:52:09	1852.32	3047.47		
743	2:03:53:06	1853.28	3047.47		
744	2:03:54:04	1854.24	3047.55		
745	2:03:55:02	1855.20	3047.55		
746	2:03:55:59	1856.16	3047.59		
747	2:03:56:57	1857.12	3047.59		
748	2:03:57:54	1858.08	3047.63		
749	2:03:58:52	1859.04	3047.67		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317596

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
750	2:03:59:50	1860.00	3047.67		
751	2:04:00:47	1860.96	3047.76		
752	2:04:01:45	1861.92	3047.76		
753	2:04:02:42	1862.88	3047.80		
754	2:04:03:40	1863.84	3047.80		
755	2:04:04:38	1864.80	3047.80		
756	2:04:05:35	1865.76	3047.80		
757	2:04:06:33	1866.72	3047.80		
758	2:04:07:30	1867.68	3047.80		
759	2:04:08:28	1868.64	3047.80		
760	2:04:09:26	1869.60	3047.84		
761	2:04:10:23	1870.56	3047.84		
762	2:04:11:21	1871.52	3047.88		
763	2:04:12:18	1872.48	3047.84		
764	2:04:13:16	1873.44	3047.88		
765	2:04:14:14	1874.40	3047.88		
766	2:04:15:11	1875.36		180.69	
767	2:04:16:09	1876.32	3047.95		
768	2:04:17:06	1877.28	3047.99		
769	2:04:18:04	1878.24	3047.95		
770	2:04:19:02	1879.20	3047.99		
771	2:04:19:59	1880.16	3047.95		
772	2:04:20:57	1881.12	3047.99		
773	2:04:21:54	1882.08	3048.03		
774	2:04:22:52	1883.04	3047.99		
775	2:04:23:50	1884.00	3047.99		
776	2:04:24:47	1884.96	3047.99		
777	2:04:25:45	1885.92	3048.03		
778	2:04:26:42	1886.88	3048.03		
779	2:04:27:40	1887.84	3048.03		
780	2:04:28:38	1888.80	3048.03		
781	2:04:29:35	1889.76	3048.03		
782	2:04:30:33	1890.72	3048.03		
783	2:04:31:30	1891.68	3048.03		
784	2:04:32:28	1892.64	3048.03		
785	2:04:33:26	1893.60	3048.03		
786	2:04:34:23	1894.56	3048.03		
787	2:04:35:21	1895.52	3048.03		
788	2:04:36:18	1896.48	3048.03		
789	2:04:37:16	1897.44	3048.07		
790	2:04:38:14	1898.40	3048.03		
791	2:04:39:11	1899.36	3048.03		
792	2:04:40:09	1900.32	3048.03		
793	2:04:41:06	1901.28	3048.03		
794	2:04:42:04	1902.24	3048.07		
795	2:04:43:02	1903.20	3048.03		
796	2:04:43:59	1904.16	3048.03		
797	2:04:44:57	1905.12	3048.03		
798	2:04:45:54	1906.08	3048.03		
799	2:04:46:52	1907.04	3048.03		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317597

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
800	2:04:47:50	1908.00	3048.03		
801	2:04:48:47	1908.96	3047.99		
802	2:04:49:45	1909.92	3047.99		
803	2:04:50:42	1910.88	3047.99		
804	2:04:51:40	1911.84	3048.03		
805	2:04:52:38	1912.80	3047.99		
806	2:04:53:35	1913.76	3047.95		
807	2:04:54:33	1914.72	3047.95		
808	2:04:55:30	1915.68	3047.95		
809	2:04:56:28	1916.64	3047.99		
810	2:04:57:26	1917.60	3047.95		
811	2:04:58:23	1918.56	3047.95		
812	2:04:59:21	1919.52	3047.95		
813	2:05:00:18	1920.48	3047.95		
814	2:05:01:16	1921.44	3047.91		
815	2:05:02:14	1922.40	3047.95		
816	2:05:03:11	1923.36	3047.91		
817	2:05:04:09	1924.32		180.89	
818	2:05:05:06	1925.28	3047.90		
819	2:05:06:04	1926.24	3047.90		
820	2:05:07:02	1927.20	3047.86		
821	2:05:07:59	1928.16	3047.86		
822	2:05:08:57	1929.12	3047.82		
823	2:05:09:54	1930.08	3047.82		
824	2:05:10:52	1931.04	3047.78		
825	2:05:11:50	1932.00	3047.74		
826	2:05:12:47	1932.96	3047.74		
827	2:05:13:45	1933.92	3047.70		
828	2:05:14:42	1934.88	3047.74		
829	2:05:15:40	1935.84	3047.70		
830	2:05:16:38	1936.80	3047.66		
831	2:05:17:35	1937.76	3047.66		
832	2:05:18:33	1938.72	3047.66		
833	2:05:19:30	1939.68	3047.66		
834	2:05:20:28	1940.64	3047.62		
835	2:05:21:26	1941.60	3047.62		
836	2:05:22:23	1942.56	3047.62		
837	2:05:23:21	1943.52	3047.58		
838	2:05:24:18	1944.48	3047.58		
839	2:05:25:16	1945.44	3047.54		
840	2:05:26:14	1946.40	3047.50		
841	2:05:27:11	1947.36	3047.50		
842	2:05:28:09	1948.32	3047.46		
843	2:05:29:06	1949.28	3047.46		
844	2:05:30:04	1950.24	3047.38		
845	2:05:31:02	1951.20	3047.38		
846	2:05:31:59	1952.16	3047.34		
847	2:05:32:57	1953.12	3047.30		
848	2:05:33:54	1954.08	3047.25		
849	2:05:34:52	1955.04	3047.21		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317598

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50

DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
850	2:05:35:50	1956.00	3047.21		
851	2:05:36:47	1956.96	3047.21		
852	2:05:37:45	1957.92	3047.17		
853	2:05:38:42	1958.88	3047.13		
854	2:05:39:40	1959.84	3047.13		
855	2:05:40:38	1960.80	3047.05		
856	2:05:41:35	1961.76	3047.05		
857	2:05:42:33	1962.72	3047.01		
858	2:05:43:30	1963.68	3047.01		
859	2:05:44:28	1964.64	3047.01		
860	2:05:45:26	1965.60	3046.97		
861	2:05:46:23	1966.56	3046.93		
862	2:05:47:21	1967.52	3046.89		
863	2:05:48:18	1968.48	3046.85		
864	2:05:49:16	1969.44	3046.81		
865	2:05:50:14	1970.40	3046.81		
866	2:05:51:11	1971.36	3046.73		
867	2:05:52:09	1972.32	3046.77		
868	2:05:53:06	1973.28		181.11	
869	2:05:54:04	1974.24	3046.72		
870	2:05:55:02	1975.20	3046.68		
871	2:05:55:59	1976.16	3046.64		
872	2:05:56:57	1977.12	3046.60		
873	2:05:57:54	1978.08	3046.52		
874	2:05:58:52	1979.04	3046.52		
875	2:05:59:50	1980.00	3046.48		
876	2:06:00:47	1980.96	3046.48		
877	2:06:01:45	1981.92	3046.44		
878	2:06:02:42	1982.88	3046.40		
879	2:06:03:40	1983.84	3046.36		
880	2:06:04:38	1984.80	3046.32		
881	2:06:05:35	1985.76	3046.32		
882	2:06:06:33	1986.72	3046.24		
883	2:06:07:30	1987.68	3046.20		
884	2:06:08:28	1988.64	3046.16		
885	2:06:09:26	1989.60	3046.16		
886	2:06:10:23	1990.56	3046.08		
887	2:06:11:21	1991.52	3046.04		
888	2:06:12:18	1992.48	3046.00		
889	2:06:13:16	1993.44	3045.92		
890	2:06:14:14	1994.40	3045.88		
891	2:06:15:11	1995.36	3045.88		
892	2:06:16:09	1996.32	3045.80		
893	2:06:17:06	1997.28	3045.76		
894	2:06:18:04	1998.24	3045.72		
895	2:06:19:02	1999.20	3045.68		
896	2:06:19:59	2000.16	3045.64		
897	2:06:20:57	2001.12	3045.59		
898	2:06:21:54	2002.08	3045.55		
899	2:06:22:52	2003.04	3045.51		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317599

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
900	2:06:23:50	2004.00	3045.47		
901	2:06:24:47	2004.96	3045.43		
902	2:06:25:45	2005.92	3045.35		
903	2:06:26:42	2006.88	3045.31		
904	2:06:27:40	2007.84	3045.27		
905	2:06:28:38	2008.80	3045.27		
906	2:06:29:35	2009.76	3045.15		
907	2:06:30:33	2010.72	3045.15		
908	2:06:31:30	2011.68	3045.11		
909	2:06:32:28	2012.64	3045.07		
910	2:06:33:26	2013.60	3044.99		
911	2:06:34:23	2014.56	3044.91		
912	2:06:35:21	2015.52	3044.87		
913	2:06:36:18	2016.48	3044.83		
914	2:06:37:16	2017.44	3044.79		
915	2:06:38:14	2018.40	3044.75		
916	2:06:39:11	2019.36	3044.71		
917	2:06:40:09	2020.32	3044.67		
918	2:06:41:06	2021.28	3044.63		
919	2:06:42:04	2022.24		181.31	
920	2:06:43:02	2023.20	3044.54		
921	2:06:43:59	2024.16	3044.50		
922	2:06:44:57	2025.12	3044.46		
923	2:06:45:54	2026.08	3044.42		
924	2:06:46:52	2027.04	3044.33		
925	2:06:47:50	2028.00	3044.29		
926	2:06:48:47	2028.96	3044.25		
927	2:06:49:45	2029.92	3044.17		
928	2:06:50:42	2030.88	3044.13		
929	2:06:51:40	2031.84	3044.05		
930	2:06:52:38	2032.80	3044.01		
931	2:06:53:35	2033.76	3043.97		
932	2:06:54:33	2034.72	3043.93		
933	2:06:55:30	2035.68	3043.89		
934	2:06:56:28	2036.64	3043.81		
935	2:06:57:26	2037.60	3043.77		
936	2:06:58:23	2038.56	3043.69		
937	2:06:59:21	2039.52	3043.69		
938	2:07:00:18	2040.48	3043.65		
939	2:07:01:16	2041.44	3043.65		
940	2:07:02:14	2042.40	3043.61		
941	2:07:03:11	2043.36	3043.53		
942	2:07:04:09	2044.32	3043.53		
943	2:07:05:06	2045.28	3043.49		
944	2:07:06:04	2046.24	3043.41		
945	2:07:07:02	2047.20	3043.37		
946	2:07:07:59	2048.16	3043.33		
947	2:07:08:57	2049.12	3043.33		
948	2:07:09:54	2050.08	3043.29		
949	2:07:10:52	2051.04	3043.20		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317600

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
950	2:07:11:50	2052.00	3043.12		
951	2:07:12:47	2052.96	3043.04		
952	2:07:13:45	2053.92	3043.00		
953	2:07:14:42	2054.88	3042.96		
954	2:07:15:40	2055.84	3042.88		
955	2:07:16:38	2056.80	3042.84		
956	2:07:17:35	2057.76	3042.80		
957	2:07:18:33	2058.72	3042.76		
958	2:07:19:30	2059.68	3042.76		
959	2:07:20:28	2060.64	3042.72		
960	2:07:21:26	2061.60	3042.60		
961	2:07:22:23	2062.56	3042.60		
962	2:07:23:21	2063.52	3042.56		
963	2:07:24:18	2064.48	3042.52		
964	2:07:25:16	2065.44	3042.48		
965	2:07:26:14	2066.40	3042.36		
966	2:07:27:11	2067.36	3042.32		
967	2:07:28:09	2068.32	3042.28		
968	2:07:29:06	2069.28	3042.20		
969	2:07:30:04	2070.24	3042.16		
970	2:07:31:02	2071.20		181.51	
971	2:07:31:59	2072.16	3042.11		
972	2:07:32:57	2073.12	3042.03		
973	2:07:33:54	2074.08	3041.95		
974	2:07:34:52	2075.04	3041.91		
975	2:07:35:50	2076.00	3041.82		
976	2:07:36:47	2076.96	3041.78		
977	2:07:37:45	2077.92	3041.70		
978	2:07:38:42	2078.88	3041.70		
979	2:07:39:40	2079.84	3041.62		
980	2:07:40:38	2080.80	3041.62		
981	2:07:41:35	2081.76	3041.54		
982	2:07:42:33	2082.72	3041.46		
983	2:07:43:30	2083.68	3041.42		
984	2:07:44:28	2084.64	3041.34		
985	2:07:45:26	2085.60	3041.34		
986	2:07:46:23	2086.56	3041.26		
987	2:07:47:21	2087.52	3041.22		
988	2:07:48:18	2088.48	3041.14		
989	2:07:49:16	2089.44	3041.10		
990	2:07:50:14	2090.40	3041.02		
991	2:07:51:11	2091.36	3040.94		
992	2:07:52:09	2092.32	3040.90		
993	2:07:53:06	2093.28	3040.82		
994	2:07:54:04	2094.24	3040.78		
995	2:07:55:02	2095.20	3040.74		
996	2:07:55:59	2096.16	3040.65		
997	2:07:56:57	2097.12	3040.57		
998	2:07:57:54	2098.08	3040.53		
999	2:07:58:52	2099.04	3040.49		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317601

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1000	2:07:59:50	2100.00	3040.41		
1001	2:08:00:47	2100.96	3040.25		
1002	2:08:01:45	2101.92	3040.21		
1003	2:08:02:42	2102.88	3040.13		
1004	2:08:03:40	2103.84	3040.01		
1005	2:08:04:38	2104.80	3039.93		
1006	2:08:05:35	2105.76	3039.85		
1007	2:08:06:33	2106.72	3039.77		
1008	2:08:07:30	2107.68	3039.61		
1009	2:08:08:28	2108.64	3039.52		
1010	2:08:09:26	2109.60	3069.44		
	2:08:09:30				OPEN LPR TESTER
1011	2:08:10:23	2110.56	1736.98		
1012	2:08:11:21	2111.52	1739.07		
1013	2:08:12:18	2112.48	1739.03		
1014	2:08:13:16	2113.44	1739.69		
1015	2:08:14:14	2114.40	1739.30		
1016	2:08:15:11	2115.36	1739.88		
1017	2:08:16:09	2116.32	1739.96		
1018	2:08:17:06	2117.28	1740.08		
1019	2:08:18:04	2118.24	1740.15		
1020	2:08:19:02	2119.20	1740.19		
1021	2:08:19:59	2120.16		181.32	
1022	2:08:20:57	2121.12	1740.22		
1023	2:08:21:54	2122.08	1742.66		
1024	2:08:22:52	2123.04	1742.93		
1025	2:08:23:50	2124.00	1743.28		
1026	2:08:24:47	2124.96	1743.55		
1027	2:08:25:45	2125.92	1743.90		
1028	2:08:26:42	2126.88	1744.21		
1029	2:08:27:40	2127.84	1744.40		
1030	2:08:28:38	2128.80	1744.67		
1031	2:08:29:35	2129.76	1744.86		
1032	2:08:30:33	2130.72	1745.13		
1033	2:08:31:30	2131.68	1745.41		
1034	2:08:32:28	2132.64	1745.75		
1035	2:08:33:26	2133.60	1746.02		
1036	2:08:34:23	2134.56	1746.18		
1037	2:08:35:21	2135.52	1746.37		
1038	2:08:36:18	2136.48	1746.45		
1039	2:08:37:16	2137.44	1747.46		
1040	2:08:38:14	2138.40	1747.80		
1041	2:08:39:11	2139.36	1770.87		
1042	2:08:40:09	2140.32	1745.87		
1043	2:08:41:06	2141.28	1747.07		
1044	2:08:42:04	2142.24	1757.24		
1045	2:08:43:02	2143.20	1748.85		
1046	2:08:43:59	2144.16	1746.26		
1047	2:08:44:57	2145.12	1749.24		
1048	2:08:45:54	2146.08	1747.57		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317602

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50

DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1049	2:08:46:52	2147.04	1747.07		
1050	2:08:47:50	2148.00	1747.96		
1051	2:08:48:47	2148.96	1748.42		
1052	2:08:49:45	2149.92	1747.96		
1053	2:08:50:42	2150.88	1746.22		
1054	2:08:51:40	2151.84	1747.03		
1055	2:08:52:38	2152.80	1747.88		
1056	2:08:53:35	2153.76	1748.04		
1057	2:08:54:33	2154.72	1748.69		
1058	2:08:55:30	2155.68	1745.68		
1059	2:08:56:28	2156.64	1745.68		
1060	2:08:57:26	2157.60	1747.65		
1061	2:08:58:23	2158.56	1746.80		
1062	2:08:59:21	2159.52	1747.92		
1063	2:09:00:18	2160.48	1747.80		
1064	2:09:01:16	2161.44	1745.91		
1065	2:09:02:14	2162.40	1746.14		
1066	2:09:03:11	2163.36	1745.99		
1067	2:09:04:09	2164.32	1745.17		
1068	2:09:05:06	2165.28	1744.98		
1069	2:09:06:04	2166.24	1742.97		
1070	2:09:07:02	2167.20	1747.73		
1071	2:09:07:59	2168.16	1746.76		
1072	2:09:08:57	2169.12		181.93	
1073	2:09:09:54	2170.08	1746.52		
1074	2:09:10:52	2171.04	1748.77		
1075	2:09:11:50	2172.00	1747.34		
1076	2:09:12:47	2172.96	1747.10		
1077	2:09:13:45	2173.92	1748.88		
1078	2:09:14:42	2174.88	1746.76		
1079	2:09:15:40	2175.84	1746.21		
1080	2:09:16:38	2176.80	1748.34		
1081	2:09:17:35	2177.76	1750.28		
1082	2:09:18:33	2178.72	1746.80		
1083	2:09:19:30	2179.68	1751.90		
1084	2:09:20:28	2180.64	1747.30		
1085	2:09:21:26	2181.60	1747.14		
1086	2:09:22:23	2182.56	1747.80		
1087	2:09:23:21	2183.52	1748.11		
1088	2:09:24:18	2184.48	1748.11		
1089	2:09:25:16	2185.44	1746.83		
1090	2:09:26:14	2186.40	1747.80		
1091	2:09:27:11	2187.36	1747.03		
1092	2:09:28:09	2188.32	1745.91		
1093	2:09:29:06	2189.28	1746.21		
1094	2:09:30:04	2190.24	1745.87		
1095	2:09:31:02	2191.20	1746.10		
1096	2:09:31:59	2192.16	1745.40		
1097	2:09:32:57	2193.12	1745.48		
1098	2:09:33:54	2194.08	1745.48		

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

HALLIBURTON SERVICES DRILL STEM TESTING

317603

LEASE NAME :YOLLA #1
LEASE OWNER:AMOCO AUST.
WELL NUMBER: 1
START TIME :20:59:50 DEPTH :5828 FT

DATE : 1 / 10 / 85
EMR # : 61775
EPG # : 63148
TICKET #: 316608

POINT #	TIME	MIN.	PSIA.	DEG.F	COMMENTS
1099	2:09:34:52	2195.04	1741.03		
1100	2:09:35:50	2196.00	1694.27		
1101	2:09:36:47	2196.96	1747.22		
1102	2:09:37:45	2197.92	1747.34		
1103	2:09:38:42	2198.88	1747.65		
1104	2:09:39:40	2199.84	1747.22		
1105	2:09:40:38	2200.80	1747.10		
1106	2:09:41:35	2201.76	1747.10		
1107	2:09:42:33	2202.72	1747.38		
1108	2:09:43:30	2203.68	1747.41		
1109	2:09:44:28	2204.64	1747.88		
1110	2:09:45:26	2205.60	1747.26		
1111	2:09:46:23	2206.56	1747.53		
1112	2:09:47:21	2207.52	1747.96		
1113	2:09:48:18	2208.48	1747.57		
1114	2:09:49:16	2209.44	1747.65		
1115	2:09:50:14	2210.40	1747.38		
1116	2:09:51:11	2211.36	1747.53		
1117	2:09:52:09	2212.32	1747.49		
1118	2:09:53:06	2213.28	1747.30		
1119	2:09:54:04	2214.24	1747.34		
1120	2:09:55:02	2215.20	1747.61		
1121	2:09:55:59	2216.16	1747.65		
1122	2:09:56:57	2217.12	1747.61		
1123	2:09:57:54	2218.08		182.40	
1124	2:09:58:52	2219.04	1747.80		
1125	2:09:59:50	2220.00	1747.68		
1126	2:10:00:47	2220.96	1748.19		
1127	2:10:01:45	2221.92	1745.59		
1128	2:10:02:42	2222.88	1746.10		
1129	2:10:03:40	2223.84	1745.44		
1130	2:10:04:38	2224.80	1746.25		
1131	2:10:05:35	2225.76	1747.61		
1132	2:10:06:33	2226.72	1746.02		
1133	2:10:07:30	2227.68	1746.14		
1134	2:10:08:28	2228.64	1747.45		
1135	2:10:09:26	2229.60	1745.98		
1136	2:10:10:23	2230.56	1746.14		
1137	2:10:11:21	2231.52	1747.10		
1138	2:10:12:18	2232.48	1745.56		
1139	2:10:13:16	2233.44	1747.41		
1140	2:10:14:14	2234.40	1745.67		
1141	2:10:15:11	2235.36	1745.63		
1142	2:10:16:09	2236.32	1747.03		
1143	2:10:17:06	2237.28	1746.99		
1144	2:10:18:04	2238.24	1746.60		
1145	2:10:19:02	2239.20	1747.03		
	2:10:19:30				PERFORATE INTERVAL#1
1146	2:10:19:59	2240.16	1759.60		
	2:10:19:30				6014.4 FT TO 6016.4 FT
1147	2:10:20:57	2241.12	1783.95		
	2:10:19:30				INITIAL FLOW & BUILDUP PERIOD
1148	2:10:21:54	2242.08	1808.59		

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1149	2:10:22:52	2243.04	1833.64	
1150	2:10:23:50	2244.00	1857.20	
1151	2:10:24:47	2244.96	1878.72	
1152	2:10:25:45	2245.92	1899.04	
1153	2:10:26:42	2246.88	1920.90	
1154	2:10:27:40	2247.84	1937.25	
1155	2:10:28:38	2248.80	1953.75	
1156	2:10:29:35	2249.76	1968.52	
1157	2:10:30:33	2250.72	1980.37	
1158	2:10:31:30	2251.68	1991.17	
1159	2:10:32:28	2252.64	2005.17	
1160	2:10:33:26	2253.60	2017.58	
1161	2:10:34:23	2254.56	2029.80	
1162	2:10:35:21	2255.52	2042.06	
1163	2:10:36:18	2256.48	2051.91	
1164	2:10:37:16	2257.44	2061.83	
1165	2:10:38:14	2258.40	2070.24	
1166	2:10:39:11	2259.36	2079.58	
1167	2:10:40:09	2260.32	2091.55	
1168	2:10:41:06	2261.28	2106.70	
1169	2:10:42:04	2262.24	2136.50	
1170	2:10:43:02	2263.20	2121.85	
1171	2:10:43:59	2264.16	2134.15	
1172	2:10:44:57	2265.12	2141.20	
1173	2:10:45:54	2266.08	2153.20	
1174	2:10:46:52	2267.04		190.15
1175	2:10:47:50	2268.00	2173.62	
1176	2:10:48:47	2268.96	2178.64	
1177	2:10:49:45	2269.92	2186.05	
1178	2:10:50:42	2270.88	2192.56	
1179	2:10:51:40	2271.84	2202.10	
1180	2:10:52:38	2272.80	2210.77	
1181	2:10:53:35	2273.76	2218.04	
1182	2:10:54:33	2274.72	2224.24	
1183	2:10:55:30	2275.68	2233.82	
1184	2:10:56:28	2276.64	2242.90	
1185	2:10:57:26	2277.60	2253.12	
1186	2:10:58:23	2278.56	2263.93	
1187	2:10:59:21	2279.52	2272.98	
1188	2:11:00:18	2280.48	2281.55	
1189	2:11:01:16	2281.44	2297.69	
1190	2:11:02:14	2282.40	2307.34	
1191	2:11:03:11	2283.36	2317.50	
1192	2:11:04:09	2284.32	2329.24	
1193	2:11:05:06	2285.28	2340.71	
1194	2:11:06:04	2286.24	2353.76	
1195	2:11:07:02	2287.20	2367.09	
1196	2:11:07:59	2288.16	2380.51	
1197	2:11:08:57	2289.12	2396.31	
1198	2:11:09:54	2290.08	2411.51	
1199	2:11:10:52	2291.04	2428.63	
1200	2:11:11:50	2292.00	2445.20	
1201	2:11:12:47	2292.96	2463.20	
1202	2:11:13:45	2293.92	2479.28	
1203	2:11:14:42	2294.88	2494.13	
1204	2:11:15:40	2295.84	2506.18	
1205	2:11:16:38	2296.80	2521.20	
1206	2:11:17:35	2297.76	2533.42	
1207	2:11:18:33	2298.72	2543.02	
1208	2:11:19:30	2299.68	2553.18	
1209	2:11:20:28	2300.64	2562.23	
1210	2:11:21:26	2301.60	2571.37	
1211	2:11:22:23	2302.56	2578.44	

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1212	2:11:23:21	2303.52	2585.63	
1213	2:11:24:18	2304.48	2593.02	
1214	2:11:25:16	2305.44	2599.26	
1215	2:11:26:14	2306.40	2602.92	
1216	2:11:27:11	2307.36	2607.17	
1217	2:11:28:09	2308.32	2613.86	
1218	2:11:29:06	2309.28	2618.63	
1219	2:11:30:04	2310.24	2622.85	
1220	2:11:31:02	2311.20	2623.84	
1221	2:11:31:59	2312.16	2624.96	
1222	2:11:32:57	2313.12	2629.29	
1223	2:11:33:54	2314.08	2632.32	
1224	2:11:34:52	2315.04	2634.90	
1225	2:11:35:50	2316.00		193.91
1226	2:11:36:47	2316.96	2639.42	
1227	2:11:37:45	2317.92	2640.33	
1228	2:11:38:42	2318.88	2641.09	
1229	2:11:39:40	2319.84	2642.04	
1230	2:11:40:38	2320.80	2642.00	
1231	2:11:41:35	2321.76	2642.60	
1232	2:11:42:33	2322.72	2643.60	
1233	2:11:43:30	2323.68	2643.80	
1234	2:11:44:28	2324.64	2644.15	
1235	2:11:45:26	2325.60	2645.15	
1236	2:11:46:23	2326.56	2646.66	
1237	2:11:47:21	2327.52	2647.50	
1238	2:11:48:18	2328.48	2648.37	
1239	2:11:49:16	2329.44	2649.25	
1240	2:11:50:14	2330.40	2650.05	
1241	2:11:51:11	2331.36	2650.64	
1242	2:11:52:09	2332.32	2651.16	
1243	2:11:53:06	2333.28	2651.52	
1244	2:11:54:04	2334.24	2652.12	
1245	2:11:55:02	2335.20	2652.71	
1246	2:11:55:59	2336.16	2653.23	
1247	2:11:56:57	2337.12	2653.75	
1248	2:11:57:54	2338.08	2654.27	
1249	2:11:58:52	2339.04	2654.54	
1250	2:11:59:50	2340.00	2655.02	
1251	2:12:00:47	2340.96	2655.74	
1252	2:12:01:45	2341.92	2656.26	
1253	2:12:02:42	2342.88	2657.21	
1254	2:12:03:40	2343.84	2658.21	
1255	2:12:04:38	2344.80	2659.08	
1256	2:12:05:35	2345.76	2660.16	
1257	2:12:06:33	2346.72	2661.27	
1258	2:12:07:30	2347.68	2662.43	
1259	2:12:08:28	2348.64	2663.86	
1260	2:12:09:26	2349.60	2665.30	
1261	2:12:10:23	2350.56	2666.85	
1262	2:12:11:21	2351.52	2668.36	
1263	2:12:12:18	2352.48	2670.04	
1264	2:12:13:16	2353.44	2671.67	
1265	2:12:14:14	2354.40	2673.30	
1266	2:12:15:11	2355.36	2675.18	
1267	2:12:16:09	2356.32	2677.09	
1268	2:12:17:06	2357.28	2678.92	
1269	2:12:18:04	2358.24	2681.07	
1270	2:12:19:02	2359.20	2683.11	
1271	2:12:19:59	2360.16	2684.94	
1272	2:12:20:57	2361.12	2687.33	
1273	2:12:21:54	2362.08	2689.92	
1274	2:12:22:52	2363.04	2692.51	

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1275	2:12:23:50	2364.00	2694.98	
1276	2:12:24:47	2364.96		190.35
1277	2:12:25:45	2365.92	2699.28	
1278	2:12:26:42	2366.88	2702.32	
1279	2:12:27:40	2367.84	2705.43	
1280	2:12:28:38	2368.80	2708.58	
1281	2:12:29:35	2369.76	2710.97	
1282	2:12:30:33	2370.72	2713.21	
1283	2:12:31:30	2371.68	2716.04	
1284	2:12:32:28	2372.64	2719.67	
1285	2:12:33:26	2373.60	2722.47	
1286	2:12:34:23	2374.56	2725.50	
1287	2:12:35:21	2375.52	2727.77	
1288	2:12:36:18	2376.48	2729.77	
1289	2:12:37:16	2377.44	2733.36	
1290	2:12:38:14	2378.40	2735.60	
1291	2:12:39:11	2379.36	2737.80	
1292	2:12:40:09	2380.32	2741.91	
1293	2:12:41:06	2381.28	2744.82	
1294	2:12:42:04	2382.24	2748.38	
1295	2:12:43:02	2383.20	2751.14	
1296	2:12:43:59	2384.16	2754.73	
1297	2:12:44:57	2385.12	2757.73	
1298	2:12:45:54	2386.08	2761.57	
1299	2:12:46:52	2387.04	2764.96	
1300	2:12:47:50	2388.00	2768.96	
1301	2:12:48:47	2388.96	2772.32	
1302	2:12:49:45	2389.92	2776.44	
1303	2:12:50:42	2390.88	2781.43	
1304	2:12:51:40	2391.84	2784.27	
1305	2:12:52:38	2392.80	2790.11	
1306	2:12:53:35	2393.76	2794.39	
1307	2:12:54:33	2394.72	2798.27	
1308	2:12:55:30	2395.68	2801.07	
1309	2:12:56:28	2396.64	2804.88	
1310	2:12:57:26	2397.60	2809.36	
1311	2:12:58:23	2398.56	2813.56	
1312	2:12:59:21	2399.52	2819.65	
1313	2:13:00:18	2400.48	2823.21	
1314	2:13:01:16	2401.44	2829.42	
1315	2:13:02:14	2402.40	2836.03	
1316	2:13:03:11	2403.36	2843.04	
1317	2:13:04:09	2404.32	2849.29	
1318	2:13:05:06	2405.28	2854.26	
1319	2:13:06:04	2406.24	2857.71	
1320	2:13:07:02	2407.20	2862.60	
1321	2:13:07:59	2408.16	2867.01	
1322	2:13:08:57	2409.12	2871.34	
1323	2:13:09:54	2410.08	2878.40	
1324	2:13:10:52	2411.04	2881.57	
1325	2:13:11:50	2412.00	2886.54	
1326	2:13:12:47	2412.96	2890.76	
1327	2:13:13:45	2413.92		189.42
1328	2:13:14:42	2414.88	2899.32	
1329	2:13:15:40	2415.84	2903.90	
1330	2:13:16:38	2416.80	2907.95	
1331	2:13:17:35	2417.76	2911.93	
1332	2:13:18:33	2418.72	2916.91	
1333	2:13:19:30	2419.68	2921.69	
1334	2:13:20:28	2420.64	2925.06	
1335	2:13:21:26	2421.60	2928.80	
1336	2:13:22:23	2422.56	2932.41	
1337	2:13:23:21	2423.52	2937.08	

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1338	2:13:24:18	2424.48	2939.69	
1339	2:13:25:16	2425.44	2942.62	
1340	2:13:26:14	2426.40	2946.81	
1341	2:13:27:11	2427.36	2949.94	
1342	2:13:28:09	2428.32	2954.08	
1343	2:13:29:06	2429.28	2957.90	
1344	2:13:30:04	2430.24	2961.08	
1345	2:13:31:02	2431.20	2965.02	
1346	2:13:31:59	2432.16	2968.60	
1347	2:13:32:57	2433.12	2971.94	
1348	2:13:33:54	2434.08	2976.89	
1349	2:13:34:52	2435.04	2980.56	
1350	2:13:35:50	2436.00	2984.26	
1351	2:13:36:47	2436.96	2986.59	
1352	2:13:37:45	2437.92	2990.02	
1353	2:13:38:42	2438.88	2993.04	
1354	2:13:39:40	2439.84	2996.34	
1355	2:13:40:38	2440.80	2998.47	
1356	2:13:41:35	2441.76	3002.18	
1357	2:13:42:33	2442.72	3004.35	
1358	2:13:43:30	2443.68	3005.80	
1359	2:13:44:28	2444.64	3009.75	
1360	2:13:45:26	2445.60	3014.75	
1361	2:13:46:23	2446.56	3017.16	
1362	2:13:47:21	2447.52	3019.66	
1363	2:13:48:18	2448.48	3023.17	
1364	2:13:49:16	2449.44	3026.03	
1365	2:13:50:14	2450.40	3029.22	
1366	2:13:51:11	2451.36	3033.41	
1367	2:13:52:09	2452.32	3036.75	
1368	2:13:53:06	2453.28	3039.86	
1369	2:13:54:04	2454.24	3040.75	
1370	2:13:55:02	2455.20	3043.37	
1371	2:13:55:59	2456.16	3047.48	
1372	2:13:56:57	2457.12	3049.46	
1373	2:13:57:54	2458.08	3052.77	
1374	2:13:58:52	2459.04	3054.54	
1375	2:13:59:50	2460.00	3056.60	
1376	2:14:00:47	2460.96	3060.76	
1377	2:14:01:45	2461.92	3063.38	
1378	2:14:02:42	2462.88		188.73
1379	2:14:03:40	2463.84	3068.68	
1380	2:14:04:38	2464.80	3071.83	
1381	2:14:05:35	2465.76	3073.89	
1382	2:14:06:33	2466.72	3076.60	
1383	2:14:07:30	2467.68	3080.63	
1384	2:14:08:28	2468.64	3084.43	
1385	2:14:09:26	2469.60	3086.69	
1386	2:14:10:23	2470.56	3088.59	
1387	2:14:11:21	2471.52	3090.81	
1388	2:14:12:18	2472.48	3094.08	
1389	2:14:13:16	2473.44	3096.27	
1390	2:14:14:14	2474.40	3098.12	
1391	2:14:15:11	2475.36	3099.34	
1392	2:14:16:09	2476.32	3102.12	
1393	2:14:17:06	2477.28	3104.95	
1394	2:14:18:04	2478.24	3105.44	
1395	2:14:19:02	2479.20	3108.55	
1396	2:14:19:59	2480.16	3109.92	
1397	2:14:20:57	2481.12	3112.15	
1398	2:14:21:54	2482.08	3114.49	
1399	2:14:22:52	2483.04	3117.08	
1400	2:14:23:50	2484.00	3119.02	

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1401	2:14:24:47	2484.96	3122.42		
1402	2:14:25:45	2485.92	3124.96		
1403	2:14:26:42	2486.88	3127.47		
1404	2:14:27:40	2487.84	3129.65		
1405	2:14:28:38	2488.80	3132.77		
1406	2:14:29:35	2489.76	3134.71		
1407	2:14:30:33	2490.72	3136.21		
1408	2:14:31:30	2491.68	3138.88		
1409	2:14:32:28	2492.64	3140.70		
1410	2:14:33:26	2493.60	3142.48		
1411	2:14:34:23	2494.56	3144.34		
1412	2:14:35:21	2495.52	3145.84		
1413	2:14:36:18	2496.48	3147.29		
1414	2:14:37:16	2497.44	3148.75		
1415	2:14:38:14	2498.40	3150.33		
1416	2:14:39:11	2499.36	3152.84		
1417	2:14:40:09	2500.32	3155.14		
1418	2:14:41:06	2501.28	3156.60		
1419	2:14:42:04	2502.24	3157.57		
1420	2:14:43:02	2503.20	3158.75		
1421	2:14:43:59	2504.16	3160.37		
1422	2:14:44:57	2505.12	3163.65		
1423	2:14:45:54	2506.08	3167.25		
1424	2:14:46:52	2507.04	3170.08		
1425	2:14:47:50	2508.00	3170.73		
1426	2:14:48:47	2508.96	3170.81		
	2:14:49:20			OPEN SSLV CLOSED AT SURFACE	
1427	2:14:49:45	2509.92	3038.18		
1428	2:14:50:42	2510.88	3050.20		
1429	2:14:51:40	2511.84		188.14	
1430	2:14:52:38	2512.80	3053.91		
1431	2:14:53:35	2513.76	3056.25		
1432	2:14:54:33	2514.72	3056.89		
1433	2:14:55:30	2515.68	3057.01		
1434	2:14:56:28	2516.64	3057.13		
1435	2:14:57:26	2517.60	3062.78		
1436	2:14:58:23	2518.56	3063.67		
1437	2:14:59:21	2519.52	3063.75		
1438	2:15:00:18	2520.48	3064.28		
1439	2:15:01:16	2521.44	3067.71		
1440	2:15:02:14	2522.40	3068.23		
1441	2:15:03:11	2523.36	3067.75		
1442	2:15:04:09	2524.32	3067.55		
1443	2:15:05:06	2525.28	3074.49		
1444	2:15:06:04	2526.24	3074.65		
1445	2:15:07:02	2527.20	3074.49		
1446	2:15:07:59	2528.16	3078.53		
1447	2:15:08:57	2529.12	3078.04		
1448	2:15:09:54	2530.08	3086.40		
1449	2:15:10:52	2531.04	3086.00		
1450	2:15:11:50	2532.00	3089.15		
1451	2:15:12:47	2532.96	3091.09		
1452	2:15:13:45	2533.92	3092.62		
1453	2:15:14:42	2534.88	3093.15		
1454	2:15:15:40	2535.84	3095.86		
1455	2:15:16:38	2536.80	3097.84		
1456	2:15:17:35	2537.76	3100.87		
1457	2:15:18:33	2538.72	3102.73		
1458	2:15:19:30	2539.68	3104.95		
1459	2:15:20:28	2540.64	3107.66		
1460	2:15:21:26	2541.60	3109.88		
1461	2:15:22:23	2542.56	3111.21		
1462	2:15:23:21	2543.52	3113.76		

317609

1463	2:15:24:18	2544.48	3116.59		
1464	2:15:25:16	2545.44	3118.61		
1465	2:15:26:14	2546.40	3120.83		
1466	2:15:27:11	2547.36	3122.57		
1467	2:15:28:09	2548.32	3123.95		
1468	2:15:29:06	2549.28	3125.48		
1469	2:15:30:04	2550.24	3127.79		
1470	2:15:31:02	2551.20	3130.18		
1471	2:15:31:59	2552.16	3132.20		
1472	2:15:32:57	2553.12	3134.18		
1473	2:15:33:54	2554.08	3135.76		
1474	2:15:34:52	2555.04	3137.78		
1475	2:15:35:50	2556.00	3144.09		
1476	2:15:36:47	2556.96	3142.47		
1477	2:15:37:45	2557.92	3141.42		
1478	2:15:38:42	2558.88	3142.72		
1479	2:15:39:40	2559.84	3146.76		
1480	2:15:40:38	2560.80		187.71	
1481	2:15:41:35	2561.76	3150.22		
1482	2:15:42:33	2562.72	3152.41		
1483	2:15:43:30	2563.68	3159.94		
1484	2:15:44:28	2564.64	3167.51		
1485	2:15:45:26	2565.60	3169.17		
1486	2:15:46:23	2566.56	3175.53		
1487	2:15:47:21	2567.52	3168.32		
1488	2:15:48:18	2568.48	3168.40		
1489	2:15:49:16	2569.44	3166.74		
1490	2:15:50:14	2570.40	3172.37		
1491	2:15:51:11	2571.36	3177.03		
1492	2:15:52:09	2572.32	3182.66		
1493	2:15:53:06	2573.28	3175.00		
1494	2:15:54:04	2574.24	3173.38		
1495	2:15:55:02	2575.20	3173.62		
1496	2:15:55:59	2576.16	3176.38		
1497	2:15:56:57	2577.12	3176.42		
1498	2:15:57:54	2578.08	3176.95		
	2:15:58:00				OPEN SURFACE MANIFOLD
1499	2:15:58:52	2579.04	3176.66		
1500	2:15:59:50	2580.00	3177.47		
1501	2:16:00:47	2580.96	3173.66		
1502	2:16:01:45	2581.92	3172.81		
1503	2:16:02:42	2582.88	3166.70		
1504	2:16:03:40	2583.84	3169.05		
1505	2:16:04:38	2584.80	3170.63		
1506	2:16:05:35	2585.76	3170.59		
1507	2:16:06:33	2586.72	3175.33		
1508	2:16:07:30	2587.68	3175.85		
1509	2:16:08:28	2588.64	3176.66		
1510	2:16:09:26	2589.60	3176.34		
1511	2:16:10:23	2590.56	3177.51		
1512	2:16:11:21	2591.52	3178.04		
	2:16:12:00				2ND FLOW PERIOD FOR INTERVAL
1513	2:16:12:18	2592.48	3159.05		
	2:16:12:00				6014.4 FT TO 6016.4 FT
1514	2:16:13:16	2593.44	3104.20		
1515	2:16:14:14	2594.40	3030.89		
1516	2:16:15:11	2595.36	2970.43		
1517	2:16:16:09	2596.32	2920.53		
1518	2:16:17:06	2597.28	2871.39		
1519	2:16:18:04	2598.24	2823.62		
1520	2:16:19:02	2599.20	2778.51		
1521	2:16:19:59	2600.16	2734.19		
1522	2:16:20:57	2601.12	2690.65		

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1523	2:16:21:54	2602.08	2645.30	
1524	2:16:22:52	2603.04	2607.02	
1525	2:16:23:50	2604.00	2575.97	
1526	2:16:24:47	2604.96	2546.03	
1527	2:16:25:45	2605.92	2517.26	
1528	2:16:26:42	2606.88	2495.70	
1529	2:16:27:40	2607.84	2471.69	
1530	2:16:28:38	2608.80	2448.97	
1531	2:16:29:35	2609.76		186.20
1532	2:16:30:33	2610.72	2407.51	
1533	2:16:31:30	2611.68	2392.77	
1534	2:16:32:28	2612.64	2390.60	
1535	2:16:33:26	2613.60	2387.88	
1536	2:16:34:23	2614.56	2386.02	
1537	2:16:35:21	2615.52	2384.91	
1538	2:16:36:18	2616.48	2383.53	
1539	2:16:37:16	2617.44	2383.33	
1540	2:16:38:14	2618.40	2382.23	
1541	2:16:39:11	2619.36	2380.49	
1542	2:16:40:09	2620.32	2381.00	
1543	2:16:41:06	2621.28	2381.48	
1544	2:16:42:04	2622.24	2381.08	
1545	2:16:43:02	2623.20	2381.56	
1546	2:16:43:59	2624.16	2382.43	
1547	2:16:44:57	2625.12	2385.19	
1548	2:16:45:54	2626.08	2386.41	
1549	2:16:46:52	2627.04	2388.39	
1550	2:16:47:50	2628.00	2391.71	
1551	2:16:48:47	2628.96	2392.18	
1552	2:16:49:45	2629.92	2394.08	
1553	2:16:50:42	2630.88	2396.60	
1554	2:16:51:40	2631.84	2397.87	
1555	2:16:52:38	2632.80	2399.17	
1556	2:16:53:35	2633.76	2402.29	
1557	2:16:54:33	2634.72	2404.51	
1558	2:16:55:30	2635.68	2406.13	
1559	2:16:56:28	2636.64	2407.79	
1560	2:16:57:26	2637.60	2408.18	
1561	2:16:58:23	2638.56	2409.29	
1562	2:16:59:21	2639.52	2409.68	
1563	2:17:00:18	2640.48	2416.36	
1564	2:17:01:16	2641.44	2417.63	
1565	2:17:02:14	2642.40	2417.23	
1566	2:17:03:11	2643.36	2421.11	
1567	2:17:04:09	2644.32	2420.48	
1568	2:17:05:06	2645.28	2412.21	
1569	2:17:06:04	2646.24	2408.38	
1570	2:17:07:02	2647.20	2405.22	
1571	2:17:07:59	2648.16	2403.28	
1572	2:17:08:57	2649.12	2399.53	
1573	2:17:09:54	2650.08	2393.68	
1574	2:17:10:52	2651.04	2391.86	
1575	2:17:11:50	2652.00	2388.78	
1576	2:17:12:47	2652.96	2386.57	
1577	2:17:13:45	2653.92	2383.97	
1578	2:17:14:42	2654.88	2383.97	
1579	2:17:15:40	2655.84	2385.19	
1580	2:17:16:38	2656.80	2386.10	
1581	2:17:17:35	2657.76	2384.56	
1582	2:17:18:33	2658.72		186.76
1583	2:17:19:30	2659.68	2384.79	
1584	2:17:20:28	2660.64	2385.18	
1585	2:17:21:26	2661.60	2383.92	

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1586	2:17:22:23	2662.56	2383.80	
1587	2:17:23:21	2663.52	2382.81	
1588	2:17:24:18	2664.48	2383.25	
1589	2:17:25:16	2665.44	2382.46	
1590	2:17:26:14	2666.40	2383.76	
1591	2:17:27:11	2667.36	2377.21	
1592	2:17:28:09	2668.32	2359.45	
1593	2:17:29:06	2669.28	2343.08	
1594	2:17:30:04	2670.24	2331.48	
1595	2:17:31:02	2671.20	2319.19	
1596	2:17:31:59	2672.16	2310.36	
1597	2:17:32:57	2673.12	2305.40	
1598	2:17:33:54	2674.08	2299.96	
1599	2:17:34:52	2675.04	2293.94	
1600	2:17:35:50	2676.00	2287.88	
1601	2:17:36:47	2676.96	2283.39	
1602	2:17:37:45	2677.92	2278.04	
1603	2:17:38:42	2678.88	2274.38	
1604	2:17:39:40	2679.84	2270.99	
1605	2:17:40:38	2680.80	2268.32	
1606	2:17:41:35	2681.76	2265.53	
1607	2:17:42:33	2682.72	2261.59	
1608	2:17:43:30	2683.68	2258.33	
1609	2:17:44:28	2684.64	2255.42	
1610	2:17:45:26	2685.60	2253.89	
1611	2:17:46:23	2686.56	2253.65	
1612	2:17:47:21	2687.52	2252.74	
1613	2:17:48:18	2688.48	2255.73	
1614	2:17:49:16	2689.44	2256.01	
1615	2:17:50:14	2690.40	2256.72	
1616	2:17:51:11	2691.36	2256.60	
1617	2:17:52:09	2692.32	2257.11	
1618	2:17:53:06	2693.28	2258.72	
1619	2:17:54:04	2694.24	2260.10	
1620	2:17:55:02	2695.20	2260.45	
1621	2:17:55:59	2696.16	2259.86	
1622	2:17:56:57	2697.12	2261.59	
1623	2:17:57:54	2698.08	2262.62	
1624	2:17:58:52	2699.04	2262.34	
1625	2:17:59:50	2700.00	2262.77	
1626	2:18:00:47	2700.96	2262.34	
1627	2:18:01:45	2701.92	2261.55	
1628	2:18:02:42	2702.88	2261.20	
1629	2:18:03:40	2703.84	2260.57	
1630	2:18:04:38	2704.80	2259.19	
1631	2:18:05:35	2705.76	2258.64	
1632	2:18:06:33	2706.72	2260.26	
1633	2:18:07:30	2707.68		187.70
1634	2:18:08:28	2708.64	2267.25	
1635	2:18:09:26	2709.60	2270.87	
1636	2:18:10:23	2710.56	2272.68	
1637	2:18:11:21	2711.52	2274.81	
1638	2:18:12:18	2712.48	2276.50	
1639	2:18:13:16	2713.44	2277.05	
1640	2:18:14:14	2714.40	2279.41	
1641	2:18:15:11	2715.36	2282.68	
1642	2:18:16:09	2716.32	2282.91	
1643	2:18:17:06	2717.28	2284.92	
1644	2:18:18:04	2718.24	2285.47	
1645	2:18:19:02	2719.20	2288.15	
1646	2:18:19:59	2720.16	2288.26	
1647	2:18:20:57	2721.12	2288.78	
1648	2:18:21:54	2722.08	2288.74	

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1649	2:18:22:52	2723.04	2289.84	
1650	2:18:23:50	2724.00	2289.68	
1651	2:18:24:47	2724.96	2290.90	
1652	2:18:25:45	2725.92	2291.33	
1653	2:18:26:42	2726.88	2291.65	
1654	2:18:27:40	2727.84	2291.57	
1655	2:18:28:38	2728.80	2292.56	
1656	2:18:29:35	2729.76	2290.78	
1657	2:18:30:33	2730.72	2292.63	
1658	2:18:31:30	2731.68	2295.19	
1659	2:18:32:28	2732.64	2298.62	
1660	2:18:33:26	2733.60	2302.00	
1661	2:18:34:23	2734.56	2303.93	
1662	2:18:35:21	2735.52	2305.35	
1663	2:18:36:18	2736.48	2307.44	
1664	2:18:37:16	2737.44	2309.45	
1665	2:18:38:14	2738.40	2312.52	
1666	2:18:39:11	2739.36	2313.03	
1667	2:18:40:09	2740.32	2315.87	
1668	2:18:41:06	2741.28	2318.39	
1669	2:18:42:04	2742.24	2319.30	
1670	2:18:43:02	2743.20	2321.43	
1671	2:18:43:59	2744.16	2321.78	
1672	2:18:44:57	2745.12	2310.43	
1673	2:18:45:54	2746.08	2278.66	
1674	2:18:46:52	2747.04	2253.45	
1675	2:18:47:50	2748.00	2232.97	
1676	2:18:48:47	2748.96	2212.74	
1677	2:18:49:45	2749.92	2196.92	
1678	2:18:50:42	2750.88	2184.37	
1679	2:18:51:40	2751.84	2170.84	
1680	2:18:52:38	2752.80	2157.78	
1681	2:18:53:35	2753.76	2143.95	
1682	2:18:54:33	2754.72	2130.83	
1683	2:18:55:30	2755.68	2118.57	
1684	2:18:56:28	2756.64		190.53
1685	2:18:57:26	2757.60	2097.93	
1686	2:18:58:23	2758.56	2087.45	
1687	2:18:59:21	2759.52	2077.95	
1688	2:19:00:18	2760.48	2068.88	
1689	2:19:01:16	2761.44	2060.44	
1690	2:19:02:14	2762.40	2053.65	
1691	2:19:03:11	2763.36	2044.43	
1692	2:19:04:09	2764.32	2035.34	
1693	2:19:05:06	2765.28	2026.48	
1694	2:19:06:04	2766.24	2018.40	
1695	2:19:07:02	2767.20	2010.92	
1696	2:19:07:59	2768.16	2003.78	
1697	2:19:08:57	2769.12	2000.19	
1698	2:19:09:54	2770.08	2002.07	
1699	2:19:10:52	2771.04	2004.79	
1700	2:19:11:50	2772.00	2006.63	
1701	2:19:12:47	2772.96	2009.47	
1702	2:19:13:45	2773.92	2012.09	
1703	2:19:14:42	2774.88	2014.78	
1704	2:19:15:40	2775.84	2020.20	
1705	2:19:16:38	2776.80	2022.97	
1706	2:19:17:35	2777.76	2026.79	
1707	2:19:18:33	2778.72	2029.13	
1708	2:19:19:30	2779.68	2030.85	
1709	2:19:20:28	2780.64	2034.95	
1710	2:19:21:26	2781.60	2039.28	
1711	2:19:22:23	2782.56	2044.55	

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1712	2:19:23:21	2783.52	2046.82	
1713	2:19:24:18	2784.48	2049.16	
1714	2:19:25:16	2785.44	2052.36	
1715	2:19:26:14	2786.40	2055.33	
1716	2:19:27:11	2787.36	2057.52	
1717	2:19:28:09	2788.32	2058.45	
1718	2:19:29:06	2789.28	2060.68	
1719	2:19:30:04	2790.24	2061.54	
1720	2:19:31:02	2791.20	2063.69	
1721	2:19:31:59	2792.16	2064.82	
1722	2:19:32:57	2793.12	2066.11	
1723	2:19:33:54	2794.08	2067.44	
1724	2:19:34:52	2795.04	2068.49	
1725	2:19:35:50	2796.00	2069.12	
1726	2:19:36:47	2796.96	2070.21	
1727	2:19:37:45	2797.92	2071.81	
1728	2:19:38:42	2798.88	2071.93	
1729	2:19:39:40	2799.84	2072.67	
1730	2:19:40:38	2800.80	2073.42	
1731	2:19:41:35	2801.76	2073.81	
1732	2:19:42:33	2802.72	2074.59	
1733	2:19:43:30	2803.68	2074.47	
1734	2:19:44:28	2804.64	2075.53	
1735	2:19:45:26	2805.60		194.55
1736	2:19:46:23	2806.56	2078.59	
1737	2:19:47:21	2807.52	2079.49	
1738	2:19:48:18	2808.48	2080.70	
1739	2:19:49:16	2809.44	2081.37	
1740	2:19:50:14	2810.40	2083.52	
1741	2:19:51:11	2811.36	2085.00	
1742	2:19:52:09	2812.32	2086.57	
1743	2:19:53:06	2813.28	2087.89	
1744	2:19:54:04	2814.24	2090.20	
1745	2:19:55:02	2815.20	2091.30	
1746	2:19:55:59	2816.16	2092.78	
1747	2:19:56:57	2817.12	2089.18	
1748	2:19:57:54	2818.08	2091.76	
1749	2:19:58:52	2819.04	2096.38	
1750	2:19:59:50	2820.00	2095.91	
1751	2:20:00:47	2820.96	2095.01	
1752	2:20:01:45	2821.92	2093.52	
1753	2:20:02:42	2822.88	2092.16	
1754	2:20:03:40	2823.84	2088.68	
1755	2:20:04:38	2824.80	2087.35	
1756	2:20:05:35	2825.76	2083.40	
1757	2:20:06:33	2826.72	2082.35	
1758	2:20:07:30	2827.68	2082.19	
1759	2:20:08:28	2828.64	2082.31	
1760	2:20:09:26	2829.60	2081.49	
1761	2:20:10:23	2830.56	2085.47	
1762	2:20:11:21	2831.52	2081.29	
1763	2:20:12:18	2832.48	2079.65	
1764	2:20:13:16	2833.44	2078.55	
1765	2:20:14:14	2834.40	2075.82	
1766	2:20:15:11	2835.36	2072.69	
1767	2:20:16:09	2836.32	2069.96	
1768	2:20:17:06	2837.28	2065.90	
1769	2:20:18:04	2838.24	2062.03	
1770	2:20:19:02	2839.20	2057.46	
1771	2:20:19:59	2840.16	2052.93	
1772	2:20:20:57	2841.12	2048.21	
1773	2:20:21:54	2842.08	2043.84	
1774	2:20:22:52	2843.04	2039.43	

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1775	2:20:23:50	2844.00	2033.93	
1776	2:20:24:47	2844.96	2030.42	
1777	2:20:25:45	2845.92	2024.21	
1778	2:20:26:42	2846.88	2019.10	
1779	2:20:27:40	2847.84	2014.03	
1780	2:20:28:38	2848.80	2008.73	
1781	2:20:29:35	2849.76	2003.28	
1782	2:20:30:33	2850.72	1999.14	
1783	2:20:31:30	2851.68	1994.23	
1784	2:20:32:28	2852.64	1989.29	
1785	2:20:33:26	2853.60	1985.43	
1786	2:20:34:23	2854.56		195.02
1787	2:20:35:21	2855.52	1976.26	
1788	2:20:36:18	2856.48	1972.83	
1789	2:20:37:16	2857.44	1968.55	
1790	2:20:38:14	2858.40	1968.63	
1791	2:20:39:11	2859.36	1967.46	
1792	2:20:40:09	2860.32	1966.21	
1793	2:20:41:06	2861.28	1964.77	
1794	2:20:42:04	2862.24	1964.38	
1795	2:20:43:02	2863.20	1962.94	
1796	2:20:43:59	2864.16	1963.06	
1797	2:20:44:57	2865.12	1962.71	
1798	2:20:45:54	2866.08	1968.67	
1799	2:20:46:52	2867.04	1968.67	
1800	2:20:47:50	2868.00	1966.29	
1801	2:20:48:47	2868.96	1965.67	
1802	2:20:49:45	2869.92	1966.99	
1803	2:20:50:42	2870.88	1970.73	
1804	2:20:51:40	2871.84	1972.21	
1805	2:20:52:38	2872.80	1976.22	
1806	2:20:53:35	2873.76	1979.68	
1807	2:20:54:33	2874.72	1983.38	
1808	2:20:55:30	2875.68	1984.94	
1809	2:20:56:28	2876.64	1987.75	
1810	2:20:57:26	2877.60	1990.63	
1811	2:20:58:23	2878.56	1989.07	
1812	2:20:59:21	2879.52	1981.67	
1813	2:21:00:18	2880.48	1978.44	
1814	2:21:01:16	2881.44	1976.84	
1815	2:21:02:14	2882.40	1973.88	
1816	2:21:03:11	2883.36	1970.57	
1817	2:21:04:09	2884.32	1969.44	
1818	2:21:05:06	2885.28	1968.98	
1819	2:21:06:04	2886.24	1969.33	
1820	2:21:07:02	2887.20	1974.62	
1821	2:21:07:59	2888.16	1978.98	
1822	2:21:08:57	2889.12	1984.75	
1823	2:21:09:54	2890.08	1989.73	
1824	2:21:10:52	2891.04	1996.40	
1825	2:21:11:50	2892.00	2000.72	
1826	2:21:12:47	2892.96	2005.44	
1827	2:21:13:45	2893.92	2010.90	
1828	2:21:14:42	2894.88	2015.15	
1829	2:21:15:40	2895.84	2019.01	
1830	2:21:16:38	2896.80	2022.98	
1831	2:21:17:35	2897.76	2029.77	
1832	2:21:18:33	2898.72	2033.13	
1833	2:21:19:30	2899.68	2037.46	
1834	2:21:20:28	2900.64	2042.10	
1835	2:21:21:26	2901.60	2046.04	
1836	2:21:22:23	2902.56	2049.67	
1837	2:21:23:21	2903.52		197.22

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1838	2:21:24:18	2904.48	2057.85	
1839	2:21:25:16	2905.44	2062.07	
1840	2:21:26:14	2906.40	2066.13	
1841	2:21:27:11	2907.36	2069.76	
1842	2:21:28:09	2908.32	2073.59	
1843	2:21:29:06	2909.28	2078.51	
1844	2:21:30:04	2910.24	2083.08	
1845	2:21:31:02	2911.20	2089.69	
1846	2:21:31:59	2912.16	2095.82	
1847	2:21:32:57	2913.12	2099.89	
1848	2:21:33:54	2914.08	2105.29	
1849	2:21:34:52	2915.04	2108.88	
1850	2:21:35:50	2916.00	2114.01	
1851	2:21:36:47	2916.96	2118.11	
1852	2:21:37:45	2917.92	2122.10	
1853	2:21:38:42	2918.88	2124.96	
1854	2:21:39:40	2919.84	2126.49	
1855	2:21:40:38	2920.80	2129.30	
1856	2:21:41:35	2921.76	2133.37	
1857	2:21:42:33	2922.72	2133.02	
1858	2:21:43:30	2923.68	2133.25	
1859	2:21:44:28	2924.64	2133.84	
1860	2:21:45:26	2925.60	2148.09	
1861	2:21:46:23	2926.56	2133.49	
1862	2:21:47:21	2927.52	2111.15	
1863	2:21:48:18	2928.48	2096.45	
1864	2:21:49:16	2929.44	2084.53	
1865	2:21:50:14	2930.40	2072.15	
1866	2:21:51:11	2931.36	2060.08	
1867	2:21:52:09	2932.32	2051.10	
1868	2:21:53:06	2933.28	2039.16	
1869	2:21:54:04	2934.24	2023.32	
1870	2:21:55:02	2935.20	2007.07	
1871	2:21:55:59	2936.16	1995.38	
1872	2:21:56:57	2937.12	1981.20	
1873	2:21:57:54	2938.08	1970.49	
1874	2:21:58:52	2939.04	1964.65	
1875	2:21:59:50	2940.00	1956.56	
1876	2:22:00:47	2940.96	1950.61	
1877	2:22:01:45	2941.92	1946.95	
1878	2:22:02:42	2942.88	1943.37	
1879	2:22:03:40	2943.84	1938.94	
1880	2:22:04:38	2944.80	1934.43	
1881	2:22:05:35	2945.76	1940.03	
1882	2:22:06:33	2946.72	1944.89	
1883	2:22:07:30	2947.68	1946.91	
1884	2:22:08:28	2948.64	1944.73	
1885	2:22:09:26	2949.60	1943.84	
1886	2:22:10:23	2950.56	1945.70	
1887	2:22:11:21	2951.52	1943.84	
1888	2:22:12:18	2952.48		196.85
1889	2:22:13:16	2953.44	1942.20	
1890	2:22:14:14	2954.40	1942.82	
1891	2:22:15:11	2955.36	1942.16	
1892	2:22:16:09	2956.32	1945.59	
1893	2:22:17:06	2957.28	1953.56	
1894	2:22:18:04	2958.24	1960.29	
1895	2:22:19:02	2959.20	1963.10	
1896	2:22:19:59	2960.16	1966.95	
1897	2:22:20:57	2961.12	1966.29	
1898	2:22:21:54	2962.08	1965.35	
1899	2:22:22:52	2963.04	1966.52	
1900	2:22:23:50	2964.00	1966.75	

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1901	2:22:24:47	2964.96	1962.01	
1902	2:22:25:45	2965.92	1957.72	
1903	2:22:26:42	2966.88	1950.80	
1904	2:22:27:40	2967.84	1947.80	
1905	2:22:28:38	2968.80	1939.56	
1906	2:22:29:35	2969.76	1925.29	
1907	2:22:30:33	2970.72	1926.14	
1908	2:22:31:30	2971.68	1925.02	
1909	2:22:32:28	2972.64	1926.11	
1910	2:22:33:26	2973.60	1926.84	
1911	2:22:34:23	2974.56	1925.99	
1912	2:22:35:21	2975.52	1929.72	
1913	2:22:36:18	2976.48	1928.48	
1914	2:22:37:16	2977.44	1927.23	
1915	2:22:38:14	2978.40	1923.97	
1916	2:22:39:11	2979.36	1925.87	
1917	2:22:40:09	2980.32	1921.36	
1918	2:22:41:06	2981.28	1919.85	
1919	2:22:42:04	2982.24	1918.99	
1920	2:22:43:02	2983.20	1913.47	
1921	2:22:43:59	2984.16	1909.71	
1922	2:22:44:57	2985.12	1909.63	
1923	2:22:45:54	2986.08	1909.63	
1924	2:22:46:52	2987.04	1916.47	
1925	2:22:47:50	2988.00	1923.31	
1926	2:22:48:47	2988.96	1930.42	
1927	2:22:49:45	2989.92	1932.29	
1928	2:22:50:42	2990.88	1933.84	
1929	2:22:51:40	2991.84	1932.44	
1930	2:22:52:38	2992.80	1933.14	
1931	2:22:53:35	2993.76	1945.82	
1932	2:22:54:33	2994.72	1958.04	
1933	2:22:55:30	2995.68	1976.33	
1934	2:22:56:28	2996.64	1994.87	
1935	2:22:57:26	2997.60	2006.33	
1936	2:22:58:23	2998.56	2021.26	
1937	2:22:59:21	2999.52	2032.45	
1938	2:23:00:18	3000.48	2042.98	
1939	2:23:01:16	3001.44		197.88
1940	2:23:02:14	3002.40	2067.71	
1941	2:23:03:11	3003.36	2081.65	
1942	2:23:04:09	3004.32	2095.10	
1943	2:23:05:06	3005.28	2106.32	
1944	2:23:06:04	3006.24	2118.13	
1945	2:23:07:02	3007.20	2130.33	
1946	2:23:07:59	3008.16	2107.29	
1947	2:23:08:57	3009.12	2063.69	
1948	2:23:09:54	3010.08	2032.90	
1949	2:23:10:52	3011.04	2003.34	
1950	2:23:11:50	3012.00	1976.35	
1951	2:23:12:47	3012.96	1947.94	
1952	2:23:13:45	3013.92	1902.86	
1953	2:23:14:42	3014.88	1858.15	
1954	2:23:15:40	3015.84	1835.12	
1955	2:23:16:38	3016.80	1811.14	
1956	2:23:17:35	3017.76	1786.33	
1957	2:23:18:33	3018.72	1764.28	
1958	2:23:19:30	3019.68	1749.44	
1959	2:23:20:28	3020.64	1742.26	
1960	2:23:21:26	3021.60	1735.07	
1961	2:23:22:23	3022.56	1726.57	
1962	2:23:23:21	3023.52	1730.67	
1963	2:23:24:18	3024.48	1736.23	

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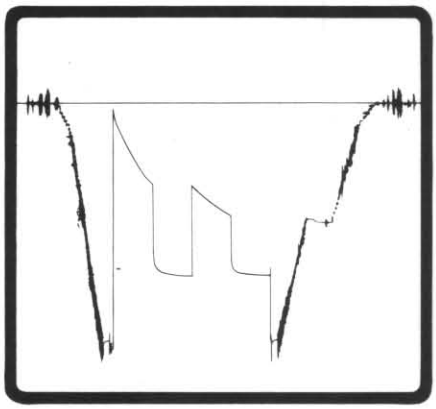
1964	2:23:25:16	3025.44	1747.55	
1965	2:23:26:14	3026.40	1768.73	
1966	2:23:27:11	3027.36	1790.66	
1967	2:23:28:09	3028.32	1805.02	
1968	2:23:29:06	3029.28	1812.07	
1969	2:23:30:04	3030.24	1815.75	
1970	2:23:31:02	3031.20	1810.75	
1971	2:23:31:59	3032.16	1806.22	
1972	2:23:32:57	3033.12	1802.00	
1973	2:23:33:54	3034.08	1782.27	
1974	2:23:34:52	3035.04	1761.04	
1975	2:23:35:50	3036.00	1758.25	
1976	2:23:36:47	3036.96	1757.13	
1977	2:23:37:45	3037.92	1753.62	
1978	2:23:38:42	3038.88	1743.53	
1979	2:23:39:40	3039.84	1739.51	
1980	2:23:40:38	3040.80	1740.75	
1981	2:23:41:35	3041.76	1745.00	
1982	2:23:42:33	3042.72	1748.09	
1983	2:23:43:30	3043.68	1741.56	
1984	2:23:44:28	3044.64	1732.02	
1985	2:23:45:26	3045.60	1719.74	
1986	2:23:46:23	3046.56	1709.01	
1987	2:23:47:21	3047.52	1695.93	
1988	2:23:48:18	3048.48	1686.25	
1989	2:23:49:16	3049.44	1691.26	
1990	2:23:50:14	3050.40		196.79
1991	2:23:51:11	3051.36	1703.75	
1992	2:23:52:09	3052.32	1709.50	
1993	2:23:53:06	3053.28	1717.33	
1994	2:23:54:04	3054.24	1730.62	
1995	2:23:55:02	3055.20	1744.56	
1996	2:23:55:59	3056.16	1753.18	
1997	2:23:56:57	3057.12	1762.77	
1998	2:23:57:54	3058.08	1762.50	
1999	2:23:58:52	3059.04	1745.84	
2000	2:23:59:50	3060.00	1727.33	

THIS INFORMATION IS SUBJECT TO THE LIMITATION OF LIABILITY PROVISIONS ON PAGE 1.

ENCLOSURE II.

FORMATION TESTING SERVICE REPORT



HALLIBURTON SERVICES

Duncan, Oklahoma 73536

A Halliburton Company

TPR OR-0320 Vol 2

1296-R5 Ⓓ—Southwestern

317618

NOMENCLATURE

B	=	Formation Volume Factor (Res Vol / Std Vol)	—
c_t	=	System Total Compressibility	(Vol / Vol) / psi
DR	=	Damage Ratio	—
h	=	Estimated Net Pay Thickness	Ft
k	=	Permeability	md
m	=	(Liquid) Slope Extrapolated Pressure Plot	psi/cycle
		(Gas) Slope Extrapolated m(P) Plot	MM psi^2/cp/cycle
$m(P^*)$	=	Real Gas Potential at P^*	MM psi^2/cp
$m(P_f)$	=	Real Gas Potential at P_f	MM psi^2/cp
AOF_1	=	Maximum Indicated Absolute Open Flow at Test Conditions	MCFD
AOF_2	=	Minimum Indicated Absolute Open Flow at Test Conditions	MCFD
P^*	=	Extrapolated Static Pressure	Psig
P_f	=	Final Flow Pressure	Psig
Q	=	Liquid Production Rate During Test	BPD
Q_1	=	Theoretical Liquid Production w/ Damage Removed	BPD
Q_g	=	Measured Gas Production Rate	MCFD
r_i	=	Approximate Radius of Investigation	Ft
r_w	=	Radius of Well Bore	Ft
S	=	Skin Factor	
t	=	Total Flow Time Previous to Closed-in	Minutes
Δt	=	Closed-in Time at Data Point	Minutes
T	=	Temperature Rankine	°R
ϕ	=	Porosity	—
μ	=	Viscosity of Gas or Liquid	cp
Log	=	Common Log	

ENCLOSURE. 11.

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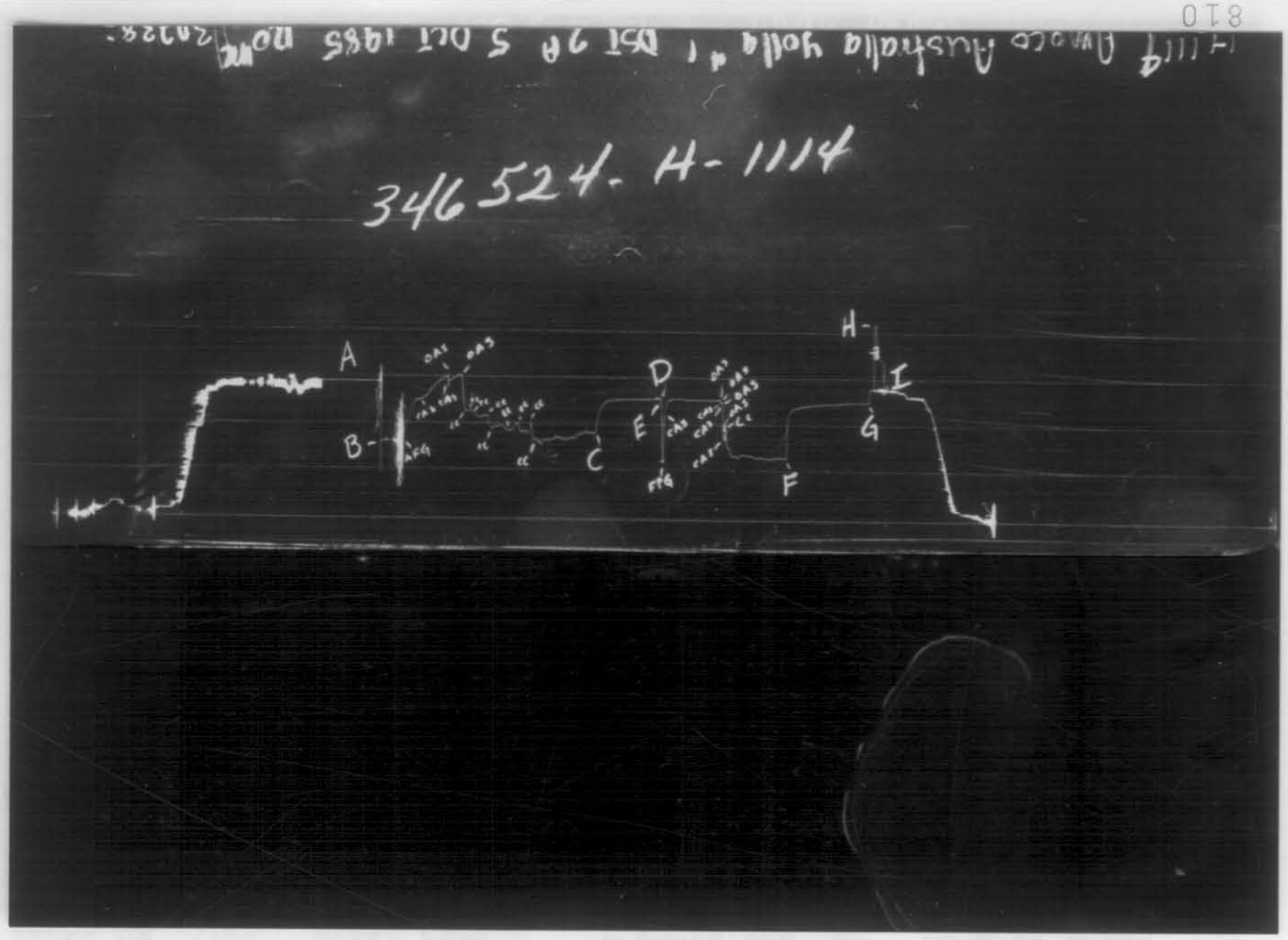
LEGAL LOCATION SEC. - TWP. - RNG.	SEE REMARKS
LEASE NAME	YOLLA
WELL NO.	1
TEST NO.	2A
TESTED INTERVAL	5785.0 - 6334.0
FIELD AREA	BASS STRAIT
COUNTY	TASMANIA
STATE	AUSTRALIA IC
LEASE OWNER/COMPANY NAME	AMOCO AUSTRALIA PTY LIMITED

HALLIBURTON
SERVICES

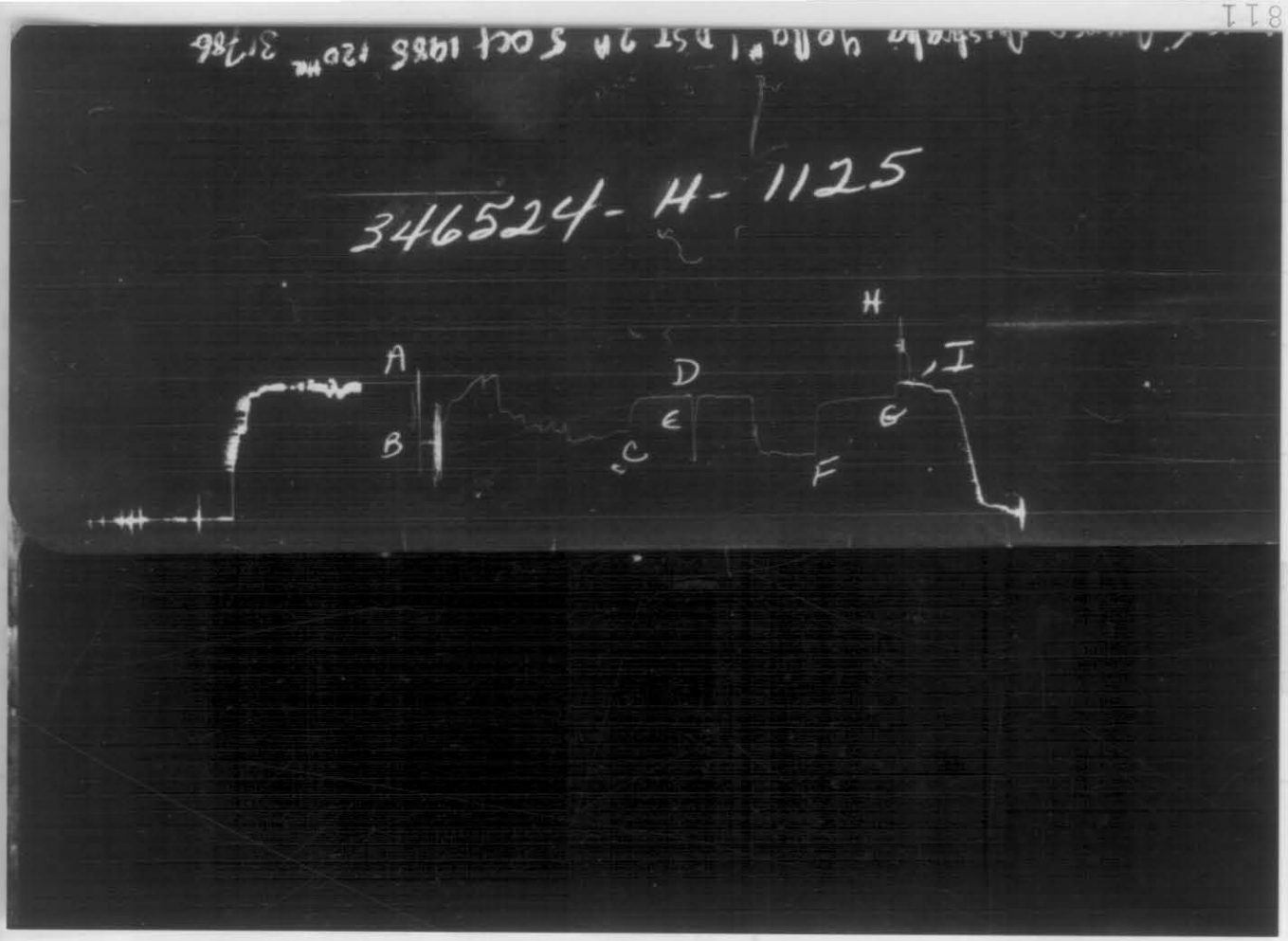
TICKET NO. 34652400
15-OCT-85
SALE

FORMATION TESTING SERVICE REPORT



GAUGE NO: 1114 DEPTH: 5770.2 BLANKED OFF: NO HOUR OF CLOCK: 120

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2837	2934.6			
B	INITIAL FIRST FLOW		1649.7	1343	1308	F
C	FINAL FIRST FLOW	1837	1857.1			
C	INITIAL FIRST CLOSED-IN	1837	1857.1	326	400	C
D	FINAL FIRST CLOSED-IN	2591	2611.0			
E	INITIAL SECOND FLOW	1193	2534.6	752	766	F
F	FINAL SECOND FLOW	2219	1330.7			
F	INITIAL SECOND CLOSED-IN	2219	1330.7	482	502	C
G	FINAL SECOND CLOSED-IN	2534	2554.5			
H	MAXIMUM DISPLACING PSI		4232.8			
I	FINAL HYDROSTATIC	2806	2816.2			



GAUGE NO: 1125 DEPTH: 5770.2 BLANKED OFF: NO HOUR OF CLOCK: 120

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	2900	2905.2			
B	INITIAL FIRST FLOW		1607.3	1343	1308	F
C	FINAL FIRST FLOW	1910	1813.6			
C	INITIAL FIRST CLOSED-IN	1910	1813.6	326	400	C
D	FINAL FIRST CLOSED-IN	2654	2570.2			
E	INITIAL SECOND FLOW	1259	2496.9	752	766	F
F	FINAL SECOND FLOW	2256	1286.4			
F	INITIAL SECOND CLOSED-IN	2256	1286.4	482	502	C
G	FINAL SECOND CLOSED-IN	2591	2507.3			
H	MAXIMUM DISPLACING PSI		4179.3			
I	FINAL HYDROSTATIC	2869	2771.7			

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EQUIPMENT & HOLE DATA

FORMATION TESTED: SANDSTONE
NET PAY (ft): 73.0
GROSS TESTED FOOTAGE: 549.0
ALL DEPTHS MEASURED FROM: R. KELLY BUSHING
CASING PERFS. (ft): SEE REMARKS
HOLE OR CASING SIZE (in): 9.625
ELEVATION (ft): 39.0
TOTAL DEPTH (ft): 6334.0 P.B.T.D.
PACKER DEPTH(S) (ft): 5785
FINAL SURFACE CHOKE (in): 1.25000
BOTTOM HOLE CHOKE (in): 2.180
MUD WEIGHT (lb/gal): 9.60
MUD VISCOSITY (sec): ____
ESTIMATED HOLE TEMP. (°F): 212
ACTUAL HOLE TEMP. (°F): ___ @ _____ ft

TICKET NUMBER: 34652400

DATE: 10-5-85 TEST NO: 2A

TYPE DST: CASED HOLE W/APR

HALLIBURTON CAMP: SALE

TESTER: D. HOOKHAM / P. TAYLOR

WITNESS: L.R.T.?

DRILLING CONTRACTOR: GLOBAL MARINE

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm
	@ °F	ppm

SAMPLER DATA

Psig AT SURFACE: ____
cu.ft. OF GAS: ____
cc OF OIL: ____
cc OF WATER: ____
cc OF MUD: ____
TOTAL LIQUID cc: ____

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): 50.6 @ 60°F
GAS/OIL RATIO (cu.ft. per bbl): ____
GAS GRAVITY: 0.853

CUSHION DATA

TYPE	AMOUNT	WEIGHT
DRILL WATER (FT)	3900.0	8.50

RECOVERED:

MEASURED FROM TESTER VALVE

REMARKS:

FIRST SET OF PERFORATIONS 5' AT 6014'-6016.8'.
FLOWED WELL TO CLEAR AND TAKE SAMPLES.
SECOND SET OF PERFORATIONS 68' AT 5948.2'-6014.1'.
TEST DATE IS 05 OCTOBER, 1985.
LEGAL LOCATION: LAT. 39 DEG., 50', 18.96"S; LONG. 145 DEG., 48', 21.2"E.

317623

TYPE & SIZE MEASURING DEVICE: DANIELS SENIOR 5.761"					TICKET NO: 34652400
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
10-2-85					
0145					RAN IN HOLE
0645					LEAK IN SLIP JOINT
0850					PRESSURED CASING TO 2000# -
					RECHECKED PERFORATIONS
1000					MADE UP NEW SLIP JOINTS
1030					TESTED B.H.A. TO 2000#
10-3-85					
0118					RIGGED UP SURFACE LINES
0244					SET PACKER-RESET SURFACE LINES
0305					PRESSURE TESTED SURFACE LINES
0415					RIGGED UP SCHLUMBERGER LUBRICATOR
0615					RAN IN HOLE WITH PERFORATING GUNS
0812					OPENED LPR TESTER
1023		1			VERY WEAK BUBBLE
1029		2			SAME
1032		3			SAME
1046		12			SAME
1050		20			MEDIUM BLOW
1115		50			STRONG BLOW
1130		350			STRONG BLOW
1137		370			STRONG BLOW - SCHLUMBERGER OUT
					OF HOLE - CLOSED SSLV
1448		787			OPENED SSLV
1500		210			CLOSED AT MANIFOLD
1505					STARTED SAMPLER IN HOLE
1525		850			
1545		870			
1600	8/64"	905			OPENED CHOKE MANIFOLD
1615		560			FLARE LINE
1623	6/64"	280			CHANGED CHOKE
1624	4/64"	240			CHANGED CHOKE
1630		140			TO FLARE LINE
1632		130			WATER TO SURFACE
1640		130			CUSHION WATER TO SURFACE
1655		155			WATER AND TRACES OF SEDIMENT
1702	6/64"	155			CHANGED CHOKE

317624

TYPE & SIZE MEASURING DEVICE: DANIELS SENIOR 5.761"					TICKET NO: 34652400
TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
1705	8/64"	150			CHANGED CHOKE - POSITIVE
1706	10/64"	155			CHANGED CHOKE - ADJUSTABLE
1716	12/64"	155			CHANGED CHOKE
1717		150			WATER AND SEDIMENT TO SURFACE
1718	14/64"	150			CHANGED CHOKE - ADJUSTABLE
1723	17/64"	152			CHANGED CHOKE
1727	24/64"	140			CHANGED CHOKE
1743		95			WATER AND SEDIMENT TO SURFACE
1830		220			WATER AND SEDIMENT TO SURFACE
1845		270			WATER AND SEDIMENT TO SURFACE
1847	32/64"	240			CHANGED CHOKE
1851	24/64"	220			CHANGED CHOKE
1900		202			WATER AND SEDIMENT TO SURFACE
1910	20/64"	220			SAME - CHANGED CHOKE
1945		482			SAME
2015		615			SAME
2030		600			MUD TO SURFACE - .8% SAND
2100		525			SAME
2120		569			75% OIL - 25% MUD
2135	16/64"	660			CHANGED CHOKE
2147		750			CHOKE PLUGGED
2155		750			CRUDE AND MUD EMULSION
2215		755			
2240					BURNER LINE PLUGGED
2245		865			SAME
2310	32/64"	910			CHANGED CHOKE - ATTEMPTED TO
					CLEAR LINE
2315	16/64"	910			CHANGED CHOKE
2321	14/64"	910			CHANGED CHOKE
2330		935			
10-7-85					
0000	16/64"	980			CHANGED CHOKE
0013	16/64"	980			CHANGED TO POSITIVE CHOKE
0100		1035			EMULSION
0130		1045			THROUGH SEPARATOR
0200		1100			SAME
0230		1043			SAME

317625

TYPE & SIZE MEASURING DEVICE: DANIELS SENIOR 5.761" | TICKET NO: 34652400

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
0300		1085			SAME
0400		1130			SAME
0500		1210			SAME
0600		1600			SAME
0635					CLOSED S.S.L.V.
0655					RIGGED DOWN SCHLUMBERGER
0831					RIGGED UP SCHLUMBERGER PERFORATING
					GUNS
1152		1775			GUNS AT DEPTH
1201	20/64"	1779			OPENED TO FLARE
1205	40/64"	1500			CHANGED CHOKE
1212		526			
1215	30/64"	500			CHANGED CHOKE
1219					PERFORATED
1220	30/64"	720			STARTED SCHLUMBERGER OUT OF HOLE
1221		850			TO FLARE
1225	30/64"	1370			ADJUSTABLE CHOKE
1230		1660			SHUT IN CHOKE MANIFOLD
1245		1940			
1255		1952			
1350					SHUT IN S.S.L.V.
1400					GUNS OUT OF HOLE
1435					SAMPLER IN RISER
1548					OPENED S.S.L.V.
1549					CLOSED S.S.L.V.
1630					OPENED S.S.L.V.
1632					STARTED SAMPLER IN HOLE
1649		1985			
1700		1900			
1730		2000			
1800	64/64"	2000			OPENED ON CHOKE
1800		1990			SHUT IN ON CHOKE
1806		1990			OPENED CHOKE
1807		1990			SHUT IN CHOKE
1811	64/64"	1960			OPENED CHOKE
1815		1200			FLARE LINE
1828					SHUT IN CHOKE

317626

TYPE & SIZE MEASURING DEVICE: DANIELS SENIOR 5.761" | TICKET NO: 34652400

TIME	CHOKE SIZE	SURFACE PRESSURE PSI	GAS RATE MCF	LIQUID RATE BPD	REMARKS
1830		1540			OPENED CHOKE
1840		1120			FLARE LINE
1851	80/64"	1070			CHANGED TO POSITIVE CHOKE
1855		990			FLARE LINE
1900		950			FLARE LINE
1930		950			FLARE LINE
1950		950			THROUGH SEPARATOR - 0.2% SEDIMENT
					0.3% WATER, 9.5%??? AND 90%
					CONDENSATE
2000		995			SEPARATOR
2015		995			SEPARATOR-0.1% SEDIMENT, 0.2% H2O
2100		970			SAME
2130		960			SAME
2200		950			SAME
2230		955			SAME
2300		945			SAME
10-8-85					
0000		950			
0015		950			SAME
0030		960			SAME
0033					SHUT IN AT MANIFOLD
0536		2100			
0610		2110			SHLUMBERGER STARTED OUT OF HOLE
0705					CLOSED S.S.L.V.
					BLED OFF
0730					RIGGED DOWN SCHLUMBERGER
			12	500	(CONDENSATE)
0835		2000			2000# ON S.S.L.V. TO OPEN
					DISPLACED 110 BARRELS-BULL HEAD
					BACK INTO FORMATION
0935		2700			SHEARED M2 AND REVERSED OUT
1016					OPENED BYPASS
1018					UNSEATED PACKER
1030					RIGGED DOWN OTIS
1120					PULLED OUT OF HOLE
2143					OUT OF HOLE

TICKET NO: 34652400

CLOCK NO: 30735 HOUR: 120

HALLIBURTON SERVICES

GAUGE NO: 1114

DEPTH: 5770.2

FIRST FLOW

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
B	1	0	1649.7			
	2	60	1657.7	7.9		
	3	120	1657.7	0.0		
[1]	4	135	1656.1	-1.6		
	5	180	2236.6	580.6		
	6	240	2556.5	319.9		
[2]	7	246	2561.3	4.7		
	8	300	2731.4	170.2		
	9	360	2952.9	221.5		
[3]	10	407	3054.5	101.6		
	11	420	2961.3	-93.2		
[2]	12	427	2968.1	6.8		
	13	480	3074.9	106.8		
[3]	14	491	3074.3	-0.5		
[4]	15	511	2323.6	-750.8		
	16	540	2318.3	-5.2		
[4]	17	547	2331.4	13.1		
[4]	18	569	2298.4	-33.0		
[4]	19	591	2175.9	-122.5		
	20	600	2176.4	0.5		
[4]	21	610	2178.0	1.6		
[4]	22	635	2210.5	32.5		
[4]	23	649	2228.3	17.8		
	24	660	2060.7	-167.5		
[4]	25	675	1930.7	-130.0		
[4]	26	715	1993.1	62.4		
	27	720	2001.0	7.9		
[4]	28	729	2012.6	11.5		
	29	780	1895.8	-116.8		
[4]	30	786	1917.5	21.7		
[4]	31	834	2063.4	145.9		
	32	840	1998.9	-64.4		
	33	900	1857.7	-141.3		
[4]	34	902	1863.5	5.8		
[4]	35	917	2052.4	188.9		
[4]	36	933	1670.9	-381.5		
	37	960	1633.3	-37.6		
	38	1020	1695.2	61.9		
	39	1080	1742.3	47.1		
	40	1140	1709.0	-33.3		
	41	1200	1828.0	119.0		
	42	1260	1860.3	32.3		
C	43	1308	1857.1	-3.2		

FIRST CLOSED-IN

C	1	0	1857.1			
	2	2	1896.8	39.7	2.1	2.798
	3	4	1965.1	107.9	4.0	2.513

FIRST CLOSED-IN - CONTINUED

	4	6	2002.1	145.0	5.9	2.343
	5	8	2046.6	189.5	8.0	2.213
	6	10	2090.6	233.4	9.9	2.120
	7	12	2132.5	275.3	12.0	2.039
	8	14	2163.9	306.7	13.9	1.975
	9	16	2195.3	338.1	15.6	1.923
	10	18	2239.8	382.6	17.8	1.866
	11	20	2271.7	414.6	19.7	1.823
	12	22	2299.5	442.3	21.8	1.777
	13	24	2319.9	462.8	23.6	1.744
	14	26	2338.7	481.6	25.6	1.709
	15	28	2354.5	497.3	27.4	1.678
	16	30	2373.8	516.7	29.4	1.648
	17	35	2402.1	545.0	34.1	1.584
	18	40	2436.6	579.5	38.9	1.527
	19	45	2466.0	608.8	43.7	1.476
	20	50	2487.4	630.3	48.1	1.434
	21	55	2502.1	645.0	52.8	1.394
	22	60	2519.9	662.8	57.5	1.357
	23	70	2534.6	677.4	66.5	1.294
	24	80	2546.6	689.5	75.5	1.239
	25	90	2556.0	698.9	84.3	1.191
	26	100	2559.7	702.5	92.8	1.149
	27	110	2561.8	704.6	101.5	1.110
	28	120	2569.1	712.0	109.9	1.076
	29	135	2576.4	719.3	122.4	1.029
	30	150	2581.7	724.5	134.6	0.988
	31	165	2583.2	726.1	146.6	0.951
	32	180	2585.9	728.7	158.2	0.917
	33	195	2585.9	728.7	169.7	0.887
	34	210	2588.0	730.8	181.0	0.859
	35	225	2588.5	731.3	192.0	0.833
	36	240	2588.5	731.3	202.8	0.810
	37	270	2589.5	732.4	223.8	0.767
	38	300	2589.5	732.4	244.0	0.729
	39	330	2589.5	732.4	263.5	0.696
	40	360	2596.9	739.7	282.4	0.666
	41	390	2611.5	754.4	300.5	0.639
D	42	400	2611.0	753.9	306.1	0.631

SECOND FLOW

E	1	0	2534.6			
[5]	2	16	1204.2	-1330.3		
[2]	3	26	2244.0	1039.7		
	4	60	2585.9	341.9		
	5	120	2601.6	15.7		
[3]	6	136	2601.6	0.0		
	7	180	2585.3	-16.2		
	8	240	2581.2	-4.2		
	9	300	2578.0	-3.1		

LEGEND:

[1] APPARENT FIRING OF PERF. GUNS
[2] CLOSED AT SURFACE
[3] OPENED AT SURFACE
[4] CHOKE CHANGE
[5] FIRED PERFORATING GUNS

REMARKS:

317628

TICKET NO: 34652400

CLOCK NO: 30735 HOUR: 120

HALLIBURTON SERVICES

GAUGE NO: 1114

DEPTH: 5770.2

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
	SECOND FLOW - CONTINUED					
[2]	10	338	2572.8	-5.2		
	11	360	2591.6	18.8		
[3]	12	363	2591.6	0.0		
[2]	13	364	2535.6	-56.0		
[3]	14	370	2547.1	11.5		
[2]	15	370	2508.4	-38.7		
[3]	16	375	2533.5	25.1		
[2]	17	382	1732.3	-801.2		
[3]	18	389	1845.5	113.2		
[4]	19	397	1973.5	128.0		
	20	420	1486.8	-486.8		
	21	480	1373.5	-113.2		
	22	540	1377.2	3.7		
	23	600	1324.9	-52.4		
	24	660	1318.0	-6.9		
	25	720	1340.2	22.2		
F	26	766	1330.7	-9.5		
	SECOND CLOSED-IN					
F	1	0	1330.7			
	2	2	1658.2	327.5	2.1	2.998
	3	4	1892.1	561.4	4.0	2.713
	4	6	2061.8	731.1	5.9	2.543
	5	8	2148.7	818.0	8.0	2.413
	6	10	2197.4	866.7	9.9	2.319
	7	12	2240.8	910.1	12.0	2.237
	8	14	2267.0	936.3	13.9	2.173
	9	16	2290.1	959.4	15.8	2.117
	10	18	2308.4	977.7	17.9	2.064
	11	20	2318.3	987.6	19.8	2.021
	12	22	2331.4	1000.7	21.8	1.978
	13	24	2341.4	1010.7	23.9	1.939
	14	26	2351.3	1020.6	25.9	1.903
	15	28	2356.5	1025.9	27.7	1.875
	16	30	2364.4	1033.7	29.5	1.846
	17	35	2375.4	1044.7	34.5	1.780
	18	40	2387.4	1056.7	39.2	1.724
	19	45	2397.9	1067.2	44.1	1.673
	20	50	2406.3	1075.6	48.8	1.629
	21	55	2414.7	1084.0	53.6	1.588
	22	60	2421.5	1090.8	58.4	1.551
	23	70	2431.9	1101.2	67.9	1.485
	24	80	2440.3	1109.6	77.1	1.430
	25	90	2449.7	1119.1	86.3	1.381
	26	100	2457.1	1126.4	95.4	1.337
	27	110	2463.4	1132.7	104.5	1.298
	28	120	2471.7	1141.0	113.5	1.262
	29	135	2477.0	1146.3	126.8	1.214
	30	150	2485.3	1154.7	139.9	1.171
	31	165	2491.6	1160.9	152.9	1.133

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
	SECOND CLOSED-IN - CONTINUED					
	32	180	2496.9	1166.2	165.7	1.098
	33	195	2501.6	1170.9	178.3	1.066
	34	210	2507.9	1177.2	190.8	1.036
	35	225	2511.0	1180.3	202.9	1.010
	36	240	2516.2	1185.5	215.2	0.984
	37	270	2522.0	1191.3	238.9	0.939
	38	300	2525.1	1194.4	262.1	0.898
	39	330	2529.8	1199.2	284.8	0.862
	40	360	2542.9	1212.2	306.8	0.830
	41	390	2548.7	1218.0	328.3	0.801
	42	420	2550.3	1219.6	349.3	0.774
	43	450	2551.8	1221.1	369.8	0.749
	44	480	2554.5	1223.8	389.8	0.726
G	45	502	2554.5	1223.8	404.4	0.710

LEGEND:
[1] APPARENT FIRING OF PERF. GUNS
[2] CLOSED AT SURFACE
[3] OPENED AT SURFACE
[4] CHOKE CHANGE
[5] FIRED PERFORATING GUNS

REMARKS:

317629

TICKET NO: 34652400	GAUGE NO: 1125
CLOCK NO: 30786 HOUR: 120	DEPTH: 5770.2

HALLIBURTON SERVICES

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
			FIRST FLOW			
B	1	0	1607.3			
	2	60	1612.0	4.7		
	3	120	1612.0	0.0		
[1]	4	135	1612.0	0.0		
	5	180	2313.1	701.0		
	6	240	2531.4	218.3		
[2]	7	246	2540.3	8.9		
	8	300	2736.1	195.8		
	9	360	2942.4	206.3		
[3]	10	407	3032.1	89.7		
	11	420	2934.6	-97.6		
[2]	12	427	2941.9	7.3		
	13	480	3039.9	98.0		
[3]	14	491	3045.1	5.2		
[4]	15	511	2285.3	-759.7		
	16	540	2291.1	5.8		
[4]	17	547	2295.3	4.2		
[4]	18	569	2264.4	-30.9		
[4]	19	591	2134.0	-130.4		
	20	600	2141.9	7.9		
[4]	21	610	2141.9	0.0		
[4]	22	635	2169.1	27.2		
[4]	23	649	2197.9	28.8		
	24	660	1963.4	-234.6		
[4]	25	675	1883.8	-79.6		
[4]	26	715	1957.6	73.8		
	27	720	1967.0	9.4		
[4]	28	729	1971.2	4.2		
	29	780	1859.7	-111.5		
[4]	30	786	1871.7	12.0		
[4]	31	833	2015.2	143.5		
	32	840	1917.8	-97.4		
	33	900	1818.8	-99.0		
[4]	34	902	1834.6	15.7		
[4]	35	917	2006.3	171.7		
[4]	36	933	1623.6	-382.7		
	37	960	1585.9	-37.7		
	38	1020	1638.2	52.4		
	39	1080	1705.2	67.0		
	40	1140	1671.2	-34.0		
	41	1200	1774.3	103.1		
	42	1260	1814.1	39.8		
C	43	1308	1813.6	-0.5		
			FIRST CLOSED-IN			
C	1	0	1813.6			
	2	2	1868.1	54.5	2.0	2.819
	3	4	1922.5	108.9	4.0	2.518

REF		MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
			FIRST CLOSED-IN - CONTINUED			
	4	6	1954.5	140.8	5.9	2.343
	5	8	1996.3	182.7	7.9	2.219
	6	10	2050.3	236.6	10.0	2.116
	7	12	2084.8	271.2	12.0	2.038
	8	14	2122.0	308.4	13.9	1.973
	9	16	2171.7	358.1	15.9	1.916
	10	18	2209.9	396.3	17.8	1.866
	11	20	2242.9	429.3	19.7	1.821
	12	22	2271.2	457.6	21.7	1.781
	13	24	2290.6	477.0	23.6	1.744
	14	26	2303.1	489.5	25.5	1.710
	15	28	2318.8	505.2	27.4	1.679
	16	30	2331.9	518.3	29.3	1.649
	17	35	2367.0	553.4	34.1	1.584
	18	40	2396.3	582.7	38.9	1.527
	19	45	2425.7	612.0	43.5	1.478
	20	50	2448.7	635.1	48.2	1.434
	21	55	2466.0	652.4	52.9	1.393
	22	60	2479.6	666.0	57.4	1.358
	23	70	2497.4	683.8	66.5	1.294
	24	80	2509.4	695.8	75.4	1.239
	25	90	2512.6	699.0	84.3	1.191
	26	100	2518.3	704.7	93.0	1.148
	27	110	2520.9	707.3	101.5	1.110
	28	120	2526.7	713.1	109.9	1.076
	29	135	2536.6	723.0	122.5	1.029
	30	150	2540.8	727.2	134.6	0.988
	31	165	2542.4	728.8	146.6	0.950
	32	180	2545.5	731.9	158.2	0.917
	33	195	2547.6	734.0	169.7	0.887
	34	210	2548.7	735.1	180.9	0.859
	35	225	2548.7	735.1	192.0	0.833
	36	240	2548.7	735.1	202.8	0.810
	37	270	2548.7	735.1	223.9	0.767
	38	300	2548.7	735.1	244.1	0.729
	39	330	2544.5	730.9	263.5	0.696
	40	360	2555.5	741.9	282.3	0.666
	41	390	2568.6	755.0	300.4	0.639
D	42	400	2570.2	756.5	306.1	0.631
			SECOND FLOW			
E	1	0	2496.9			
[5]	2	16	1157.1	-1339.8		
[2]	3	26	2215.2	1058.1		
	4	60	2546.6	331.4		
	5	120	2560.7	14.1		
[3]	6	136	2560.7	0.0		
	7	180	2538.7	-22.0		
	8	240	2536.6	-2.1		
	9	300	2531.4	-5.2		

LEGEND:
[1] APPARENT FIRING OF PERF GUNS
[2] CLOSED AT SURFACE
[3] OPENED AT SURFACE
[4] CHOKE CHANGE
[5] FIRED PERFORATING GUNS

REMARKS:

317630

TICKET NO: 34652400	GAUGE NO: 1125
CLOCK NO: 30786 HOUR: 120	DEPTH: 5770.2

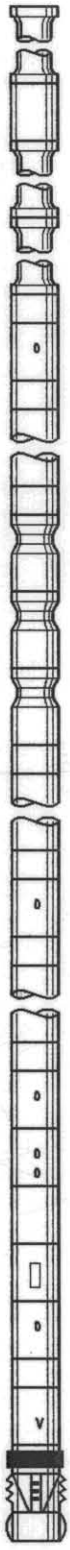
HALLIBURTON SERVICES

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
	SECOND FLOW - CONTINUED				
[2]	10	338	2528.3	-3.1	
	11	360	2545.0	16.8	
[3]	12	363	2547.6	2.6	
[2]	13	364	2491.6	-56.0	
[3]	14	370	2502.1	10.5	
[2]	15	370	2464.4	-37.7	
[3]	16	375	2488.5	24.1	
[2]	17	382	1688.5	-800.0	
[3]	18	389	1801.6	113.1	
[4]	19	397	1927.7	126.2	
	20	420	1425.1	-502.6	
	21	480	1322.5	-102.6	
	22	540	1324.1	1.6	
	23	600	1278.0	-46.1	
	24	660	1266.5	-11.5	
	25	720	1287.4	20.9	
F	26	766	1286.4	-1.0	
	SECOND CLOSED-IN				
F	1	0	1286.4		
	2	2	1694.2	407.9	2.0 3.019
	3	4	1897.4	611.0	4.0 2.718
	4	6	2026.7	740.3	5.9 2.543
	5	8	2104.7	818.3	7.9 2.418
	6	10	2164.4	878.0	10.0 2.315
	7	12	2199.5	913.1	12.0 2.237
	8	14	2226.7	940.3	14.0 2.172
	9	16	2245.5	959.2	15.9 2.115
	10	18	2261.3	974.9	17.9 2.064
	11	20	2278.0	991.6	19.8 2.019
	12	22	2290.6	1004.2	21.8 1.979
	13	24	2296.9	1010.5	23.7 1.942
	14	26	2303.7	1017.3	25.7 1.907
	15	28	2312.0	1025.7	27.6 1.876
	16	30	2318.8	1032.5	29.5 1.846
	17	35	2329.3	1042.9	34.4 1.780
	18	40	2342.4	1056.0	39.3 1.722
	19	45	2350.3	1063.9	44.0 1.673
	20	50	2361.8	1075.4	48.8 1.628
	21	55	2368.6	1082.2	53.6 1.588
	22	60	2373.3	1086.9	58.4 1.550
	23	70	2383.2	1096.9	67.7 1.486
	24	80	2394.8	1108.4	77.0 1.430
	25	90	2400.5	1114.1	86.3 1.381
	26	100	2408.4	1122.0	95.4 1.337
	27	110	2414.7	1128.3	104.6 1.298
	28	120	2421.5	1135.1	113.5 1.262
	29	135	2428.8	1142.4	126.8 1.214
	30	150	2435.6	1149.2	139.9 1.171
	31	165	2442.4	1156.0	152.8 1.133

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta t}{t+\Delta t}$	$\log \frac{t+\Delta t}{\Delta t}$
	SECOND CLOSED-IN - CONTINUED				
	32	180	2449.7	1163.4	165.6 1.098
	33	195	2453.4	1167.0	178.2 1.066
	34	210	2457.6	1171.2	190.7 1.037
	35	225	2462.3	1175.9	203.1 1.009
	36	240	2465.4	1179.1	215.1 0.984
	37	270	2472.3	1185.9	239.0 0.939
	38	300	2475.9	1189.5	262.0 0.899
	39	330	2480.6	1194.2	284.7 0.863
	40	360	2491.6	1205.2	306.7 0.830
	41	390	2495.8	1209.4	328.4 0.801
	42	420	2500.5	1214.1	349.3 0.774
	43	450	2504.2	1217.8	369.8 0.749
	44	480	2507.3	1220.9	389.8 0.726
G	45	502	2507.3	1220.9	404.4 0.710

LEGEND:
[1] APPARENT FIRING OF PERF GUNS
[2] CLOSED AT SURFACE
[3] OPENED AT SURFACE
[4] CHOKE CHANGE
[5] FIRED PERFORATING GUNS

REMARKS:



		O.D.	I.D.	LENGTH	DEPTH
1	DRILL PIPE.....	5.000	3.657		
6	SUB-SEA TEST TREE.....			18.0	
1	DRILL PIPE.....	5.000	3.687	5000.2	
4	FLEX WEIGHT.....	5.000	3.000	301.9	
5	CROSSOVER.....	6.250	2.375	1.0	
58	APR-SSA CIRCULATING VALVE.....	5.000	2.250	4.8	5307.8
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.810	93.0	
5	CROSSOVER.....	5.750	2.600	1.0	
10	SLIP JOINT.....	5.000	2.250	18.2	
10	SLIP JOINT.....	5.000	2.250	15.7	
10	SLIP JOINT.....	5.000	2.250	13.2	
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.810	183.8	
5	CROSSOVER.....	5.750	2.600	1.0	
52	APR-TYPE "A" CIRCULATING VALVE..	5.030	2.250	3.0	5638.6
5	CROSSOVER.....	5.750	2.600	1.0	
3	DRILL COLLARS.....	6.500	2.810	92.7	
5	CROSSOVER.....	5.750	2.600	1.0	
54	APR-M2 SAFETY CIRCULATING VALVE.	5.000	2.250	7.5	5740.8
64	APR-N TESTER.....	5.000	2.250	16.4	5757.2
15	JAR.....	4.625	2.370	5.0	
84	BUNDLE CARRIER.....	5.375	2.250	8.0	5770.2
57	FUL-FLO HYDRAULIC BYPASS.....	4.625	2.375	7.2	
5	CROSSOVER.....	4.750	2.250	1.0	
16	VR SAFETY JOINT.....	4.625	2.250	4.8	
71	CASING PACKER.....	8.150	3.750	5.3	5785.0

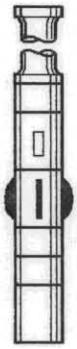
CONTINUED

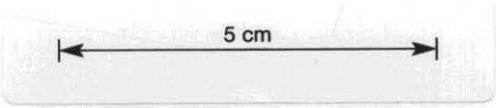
5 cm

EQUIPMENT DATA

TICKET NO. 34652400

		O.D.	I.D.	LENGTH	DEPTH
1	DRILL PIPE.....	5.000	3.687	31.5	
5	CROSSOVER.....	6.250	2.375	1.0	
84	BUNDLE CARRIER.....	5.370	2.250	8.0	5828.9
39	DRAG BLOCK.....	8.150	2.600	2.7	
5	CROSSOVER.....	6.250	2.250	1.0	
5	CROSSOVER.....	6.250	2.870	1.0	
97	WIRELINE RE-ENTRY.....	5.750	2.875	0.7	5834.3
	TOTAL DEPTH				6334.0





EQUIPMENT DATA

EQUATIONS FOR DST LIQUID WELL ANALYSIS

Transmissibility	$\frac{kh}{\mu} = \frac{162.6\ QB}{m}$	$\frac{\text{md-ft}}{\text{cp}}$
Indicated Flow Capacity	$kh = \frac{kh}{\mu}\ \mu$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151\left[\frac{P^* - P_f}{m} - \text{LOG}\left(\frac{k(t/60}{\phi\ \mu\ c_t r_w^2}\right) + 3.23\right]$	—
Damage Ratio	$DR = \frac{P^* - P_f}{P^* - P_f - 0.87\ mS}$	—
Theoretical Potential w / Damage Removed	$Q_1 = Q\ DR$	BPD
Approx. Radius of Investigation	$r_i = 0.032\sqrt{\frac{k(t/60)}{\phi\mu c_t}}$	ft

EQUATIONS FOR DST GAS WELL ANALYSIS

Indicated Flow Capacity	$kh = \frac{1637\ Q_g\ T}{m}$	md-ft
Average Effective Permeability	$k = \frac{kh}{h}$	md
Skin Factor	$S = 1.151\left[\frac{m(P^*) - m(P_f)}{m} - \text{LOG}\left(\frac{k(t/60)}{\phi\ \mu\ c_t r_w^2}\right) + 3.23\right]$	—
Damage Ratio	$DR = \frac{m(P^*) - m(P_f)}{m(P^*) - m(P_f) - 0.87\ mS}$	—
Indicated Flow Rate (Maximum)	$AOF_1 = \frac{Q_g\ m(P^*)}{m(P^*) - m(P_f)}$	MCFD
Indicated Flow Rate (Minimum)	$AOF_2 = Q_g\sqrt{\frac{m(P^*)}{m(P^*) - m(P_f)}}$	MCFD
Approx. Radius of Investigation	$r_i = 0.032\sqrt{\frac{k(t/60)}{\phi\mu c_t}}$	ft

ENCLOSURE. 12

317034

ANADRILL
Schlumberger

WELL COMPLETION REPORT

FOR

AMOCO AUSTRALIA

YOLLA NO. 1

BASS STRAIT

TPR OR-0320 Vol 2

317635

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317637

GENERAL INFORMATION

RIG	:	GLOMAR R.F. BAUER - DRILLSHIP
CONTRACTOR	:	GLOBAL MARINE DRILLING COMPANY
OPERATOR	:	AMOCO AUSTRALIA

AREA	:	BASS STRAIT BLOCK T-14/P
WELL	:	YOLLA NO. 1
LAT	:	39° 50.3 South
LONG	:	145° 48.4 East

WATER DEPTH	:	79.5m	261'
RKB ELEVATION	:	11m	36'
RKB - ML	:	90.5m	297'

SPUD DATE	:	8th June 1985
TD REACHED	:	21st August 1985
FINAL DEPTH	:	3446.8m 10981'

30" CSG	:	189m	621'
20" CSG	:	399m	1309'
13 1/8" CSG	:	1752m	5748'
9 5/8" CSG	:	3339m	10955'

MUD SYSTEM: Salt water Gel Polymer to 1752m
Fresh water Gel Polymer from 1752m to T.D.

ANADRILL PERSONNEL

C. CHAPMAN	:	Cell Manager
K. T. YEO	:	Senior Logging Engineer
J. HYLAND	:	Logging Engineer
H. MARCKS-FRANKE	:	Logging Engineer
M. DUVALL	:	Logging Engineer
A. WRIGHTSTONE	:	Logging Engineer
C. POWERS	:	Logging Engineer
I. HANSEN	:	Logging Engineer
A. ELLIS	:	Engineer Grade 1
P. LANGE	:	Engineer Grade 1
M. WOODMANSEE	:	Engineer Grade 1

SERVICES PROVIDED

A fully pressurised Anadrill unit was provided utilising the Advisor logging system. The following parameters were continuously monitored:-

Heave and Tide compensated depth and bit tracking.

Kelly height

Rate of penetration

Weight on Bit

Revolutions per minute and total revolutions

Strokes per minute

Pump pressure

Casing pressure

Temperature in/out

Mud weight in/out

Mud flow in/out

Mud conductivity in/out

Total pit volume - active and reserve pits

Trip tank volume

Total gas

Gas chromatography

Cutting gas

H_2S - 3 Channels

CO_2

Shale density

Shale factor

Calcimetry

A hand drawn Mudlog was provided together with a computer generated pressure log (IDEL). The Advisor system enabled the cross-plotting of any specified parameter at any time.

Auxiliary programs regularly utilized were Trip Monitoring and Hydraulics analysis which were available from Anadrill's auxiliary program library. Remote CRT displays were provided for the Company representative's office, Drilling Office, Geologist's cabin and the rig floor. In addition a remote computer terminal

was provided in the company office for access to Anadrill's Engineering program library.

The Advisor system comprises three separate computer processors to utilise fully all available data recorded by Anadrill's rig site sensors. Two processors are used to record and process real time data whilst the third, as well as providing a back-up facility, is used for off line plotting or printing of post real-time data from the Advisor data base. This facility was used extensively throughout the drilling of Yolla No. 1 to provide crossplots of such parameters as Total Gas, averaged ROP, D'exponent Mud Conductivity and temperature against depths. This capability proved particularly useful in enabling a selection of parameters to be plotted against each other for comparison of engineering data. Examples of these cross-plots are included in this report.

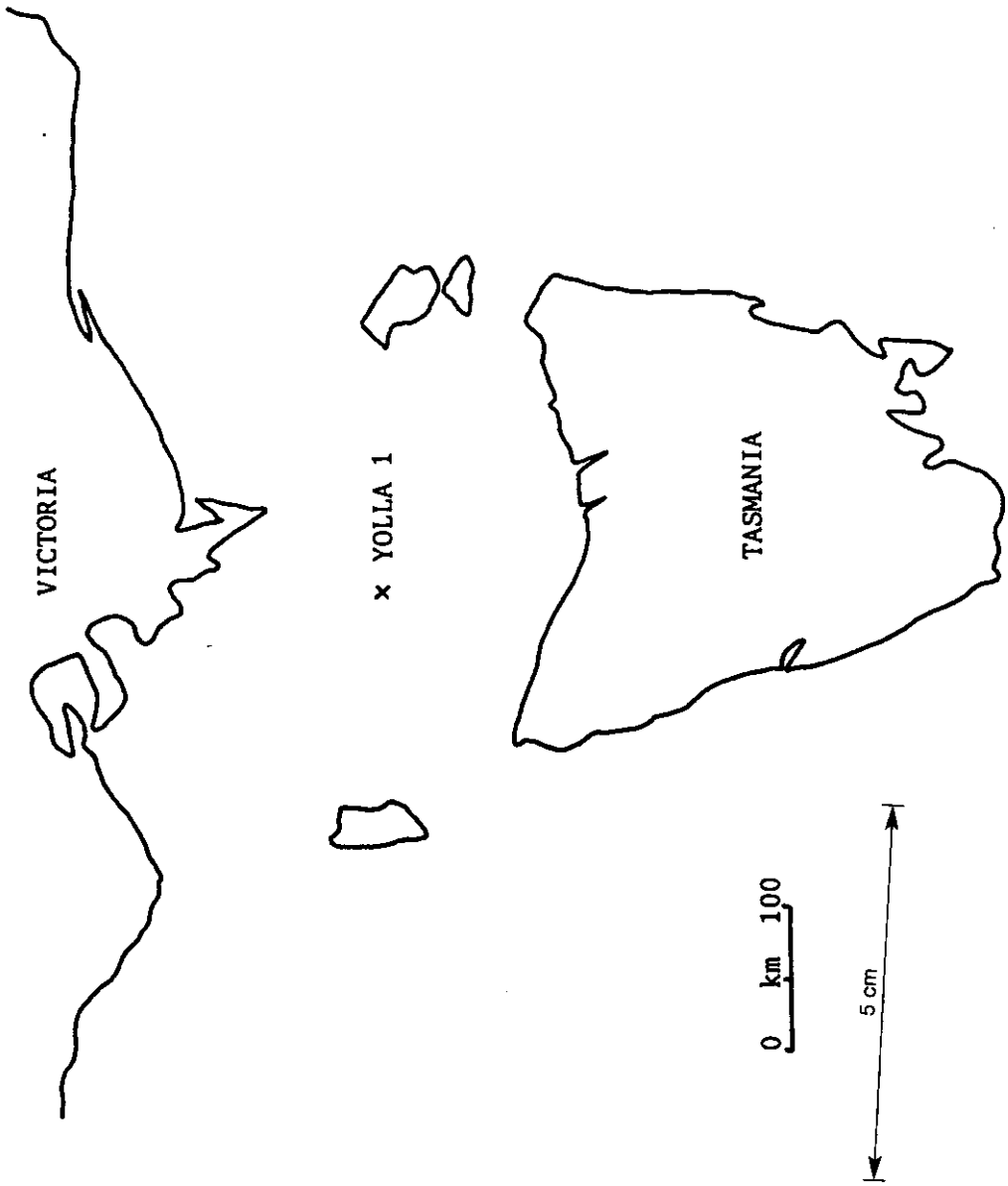
INTRODUCTION

Yolla No. 1 was drilled in the Bass Basin on a structurally 'high' feature in an area with no predicted major faults and geologically similar to the Gippsland Basin. The nearest offset well was Bass No. 1 (ESSO/ BHP) 25 Km from Yolla 1 which encountered only minor hydrocarbon shows.

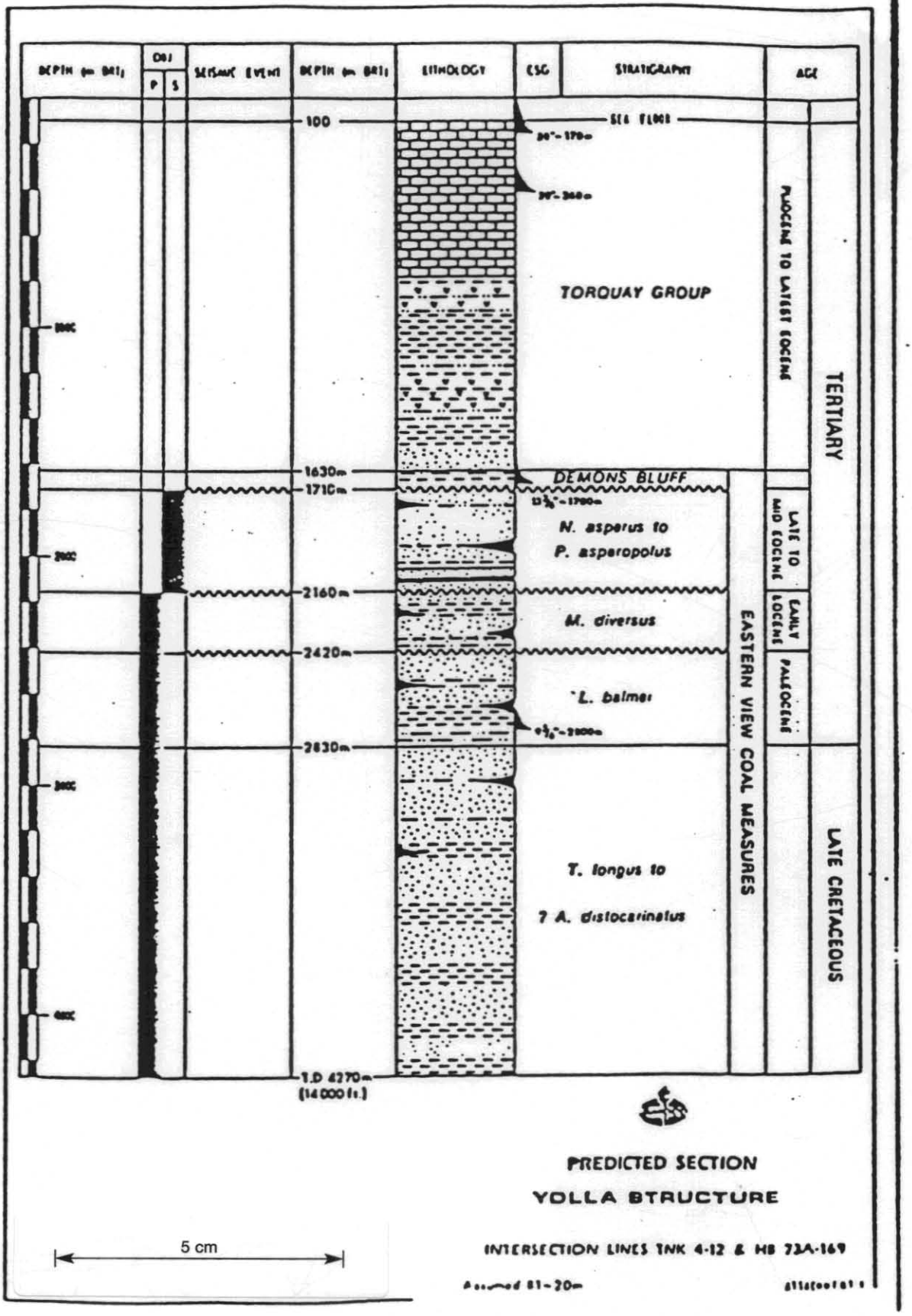
Yolla No. 1 was predicted to drill to a total depth of 4256m(13964 Ft.) with a primary objective of the early Eocene to late Cretaceous and a secondary objective of the mid to late Eocene, both within the Eastern View Coal Measures. The total thickness of the primary and secondary objectives was estimated at 2538m (8328').

The Bass Basin had not been tested from 10,000 - 14,000 ft before and so this well was of particular interest to evaluate the deeper sections of the Basin.

LOCATION OF YOLLA NO. 1



PREDICTED LITHOLOGY



PREDICTED SECTION

YOLLA STRUCTURE

INTERSECTION LINES TNK 4-12 & HB 73A-169

317644

RIG ACTIVITY

SUMMARY

RIG ACTIVITY SUMMARY

Date		Midnight Depth
8th June	Spud. Drill 36" hole, cement conductor	
9th	WOW.	
10th	WOW.	
11th	WOW. Lose one anchor, drag two.	
12th	Anchor repair	
13th	Anchor repair	
14th	Anchor repair	
15th	WOW.	
16th	WOW.	
17th	Retrieve anchor, run marine riser.	
18th	Drill 17½" pilot hole.	
19th	Pull riser, run 26" hole opener. WOW. Lose latch pin to guide base. Send down divers.	
20th	Drill with 26" hole opener, run 20" casing.	
21st	Cement casing.	
22nd	Drill out 20" shoe	399m
23rd	Drill ahead. WOW.	720m
24th	Drill ahead.	1027m
25th	Drill ahead	1250m
26th	POOH. Unlatch riser, WOW.	1250m
27th	WOW. Test B.O.P.	1256m
28th	Drill ahead	1372m
29th	Drill ahead	1462m
30th	WOW. Non-essential crew depart ship.	1462m
1st July	WOW.	1462m
2nd	WOW.	1462m
3rd	WOW.	1462m
4th	Commence drilling.	1568m
5th	Drill ahead.	1725m
6th	Drill ahead.	1759m
7th	C.B.U. POOH to run 13 3/8" casing.	1759m
8th	WOW.	1759m
9th	WOW.	1759m

RIG ACITIVITY SUMMARY

Date		Midnight Depth
10th July	Run 13 3/8" casing.	1759m
11th	Run wear bushing, pressure test lines, RIH. Drill float and shoe, perform leak off test.	1759m
12th	Drill ahead, flow check, C.B.U. POOH to rig up core barrel.	1838m
13th	Recover core No. 1 (28.8% recovery) RIH.	1848m
14th	Pull to shoe, Unlatch riser, WOW.	1982m
15th	WOW.	1982m
16th	WOW.	1982m
17th	WOW. Run riser.	1982m
18th	Latch riser, continue drilling.	2016m
19th	POOH to run 'E' logs. RIH. resume drilling.	2176m
20th	POOH, swab 2.5 bbls pull riser. WOW.	2176m
21st	WOW.	2176m
22nd	WOW.	2176m
23rd	Run riser, re-run anchor chain, retrieve hang off tool. RIH drill ahead.	2355m
24th	C.B.U. WOW.	2355m
25th	WOW.	2355m
26th	WOW. C.B.U. POOH., Test stack.	2355m
27th	RIH. C.B.U. drill ahead, pull to shoe. WOW.	2439m
28th	WOW.	2439m
29th	WOW.	2439m
30th	WOW.	2439m
31st	WOW.	2439m
1st August	WOW. Resume drilling.	2467m
2nd	Circ. drilling gas (52.6%) Drill ahead.	2591m
3rd	POOH. WOW.	2713m
4th	WOW.	2713m
5th	WOW.	2713m
6th	RIH. Ream to botton. Drill ahead.	2830m
7th	Drill ahead, low ROP, high torque P.O.O.H.	2901m

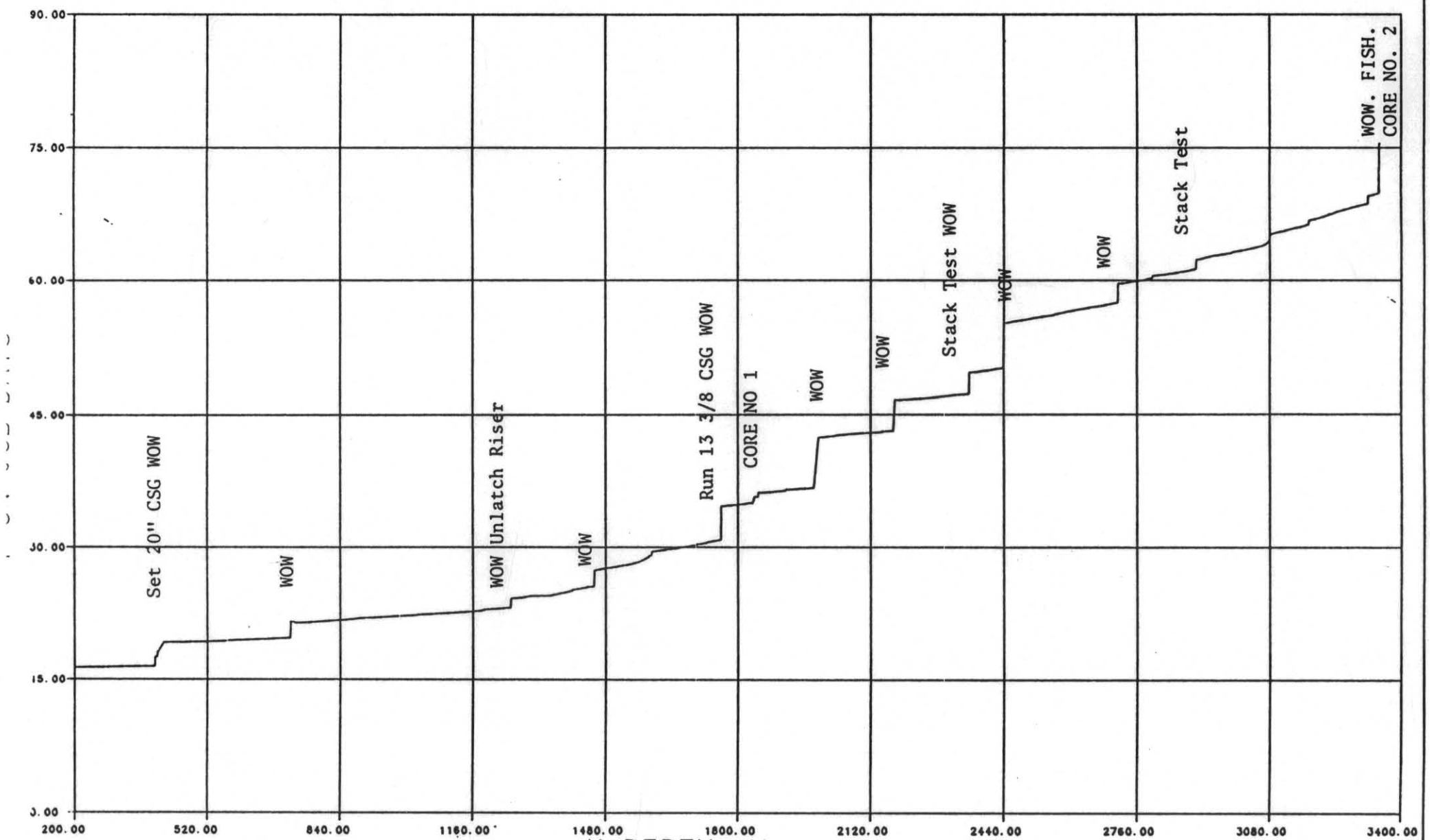
RIG ACTIVITY SUMMARY

Date		Midnight Depth
8th	Test stack, RIH, Ream tight section at 2600m, controlled drilling.	2923m
9th	Drill ahead, minor drill breaks with associated gas.	3031m
10th	Drill ahead slowly (3m/hr) Igneous rock.	3079m
11th	POOH for bit change, ½ cone and many teeth missing.	3109m
12th	RIH, ream to bottom, drill ahead slowly. POOH with high torque.	3173m
13th	RIH, drill ahead, erratic torque.	3229m
14th	Drill ahead.	3305m
15th	POOH for bit change, RIH to drill.	3319m
16th	POOH. WOW. RIH to drill, POOH before drilling, anchor chain breaks, close shear rams on drill string.	3344m
17th	WOW.	3344m
18th	WOW.	3344m
19th	WOW. Re-run anchor, RIH mill on drill pipe prior to fishing.	3344m
20th	Mill and fish for drill string, POOH with fish, RIH, CBU.	3344m
21st	POOH. RIH with core barrel for 2m core.	3346.8m
22nd	POOH. with 2m core (64% recovery) Run 'E' Logs.	3346.8m
23rd	Schlumberger out of hole. RIH. for wiper trip.	3346.8m
24th	POOH.	3346.8m
25th	Schlumberger run RFT's, unlatch riser. WOW.	3346.8m
26th	WOW. Prior to side wall cores and running 9 5/8" casing for test program.	3346.8m

1C 4

5 cm

317648



12

THE ANALYSTS

Schlumberger

AMOCO AUSTRALIA
YOLLA #1
BASS STRAIT

ENGINEER
DATE/TIME 06-SEP-85 21:10:18
DEPTH (M) FROM 200.0 TO 3347.0
H DEPTH M 200.00 - 3400.00

317649

GEOLOGICAL SUMMARY

GEOLOGICAL SUMMARY

Interval 190M - 680M - Shell Debris.

Shell and fossil debris comprised up to 100% of the samples obtained throughout this interval. Fragments of bryozoans corals, shell fragments, spicules and foraminifera made up the bulk of recognisable bioclasts. All of the calcareous bioclasts dissolved in cold 10% hydrochloric acid. The samples ranged in colour from grey to light grey with cream to buff and pale brown zones.

The character of the samples from 450m was biocalcarenite, due to an increase in clay and matrix materials. Glauconite aggregates were noted in trace amounts in many samples. The coarser bioclastic component progressively decreased in the samples, producing a calcarenite. Bioclasts were still recognisable, though very fragmented. The calcarenite was cream to light grey in colour, medium grained with a predominantly clay matrix containing silt and microcrystalline calcite. Calcimetry readings throughout the interval were consistent with the lithology, readings of 95% $CaCO_3$ being regularly obtained. Background gas levels were negligible over the interval with an average ROP (rate of penetration) of 50 - 100 M/hr.

Interval 680M - 1205M - Calcareous Claystone.

This interval was defined by an increase in clay content. The samples changed rapidly from the calcarenite of the previous interval into a calcilutite which persisted for 140m (680M - 820M) before grading into a calcareous claystone below 820m.

The calcilutite was light to medium grey in colour and was extremely soft and sticky. The samples contained abundant macro and micro-fossil fragments and traces of glauconite. Small quantities of fine sand and silt were noted in the matrix. Calcimetry readings indicated a dolomite content of up to 15%, at depths between 660m and 820m, decreasing to trace amounts over the remainder of the interval.

The calcareous claystone was light grey to grey in colour, soft and occasionally silty. Small amounts of fossil fragments, microcrystalline calcite and traces of polycrystalline euhedral pyrite were also present in the samples. Below 1125m the claystone became darker grey in colour, more fissile and shaley. The increasing clay content was reflected in the calcimentry readings- dropping from 70% $CaCO_3$ initially, to 10% $CaCO_3$ at 1250M. The total gas readings increased to an interval-background level of 0.5%, with peaks of 2% occurring at 1105m and 1200m. The ROP was averaged at 25-35m/hr over the interval.

Interval 1205M - 1330M - Shales, Volcanics, Sands.

The lithology during this section was initially a subfissile to fissile shale, light to medium grey in colour, with some fragments being dark grey. The shale hardness was variable, ranging from hard to soft, and was also slightly calcareous.

From 1265m the predominantely shale samples were interspersed with volcanic material. The volcanic fragments were blue - white and mottled grey, some fragments appearing to be tuffaceous. Alteration of the volcanics was inferred from the clays within the fragments and carbonate in the groundmass. No recognisable minerals were present.

Sands and sandstones were associated with the volcanics. The sands and sandstones were fine to medium grained with grains rounded to angular in shape. The matrix of the sandstones was slightly calcareous but predominantly clay. Scattered throughout the sands were clear colourless quartz grains. Coinciding with the appearance of the volcanic material was a total gas peak of 10.2% and an associated drilling break peaking at 65 m/hr, occurring at 1263m.

The average ROP over the interval was around 25m/hr, decreasing to 10m/hr below 1270m. Calcimetry readings increased from 10% to 20% $CaCO_3$ over the interval with only traces of dolomite being detected.

Interval 1330M - 1630M - Sandstones, Dolomitic & Claystone Interbeds.

Sand and sandstones interbedded with claystone were the predominant lithologies of the interval, with the

occurrence of thin layers of dolomitic limestone in the lower part of this section.

The sandstones in the early part of the section were white to colourless, very fine grained, grains being sub-rounded, moderately well sorted and occasionally calcareous. Euhedral, colourless, clear quartz crystals were present in small quantities. The sandstone became a light brown to buff colour from 1540m, and was fine to medium grained, poorly sorted with grains angular to sub-angular, with poor visible porosity. The sandstone in this region contained abundant pyrite as small nodules (euhedral aggregates). In places a carbonate cement was evident and glauconite was found in the matrix. The sandstones gave a dull yellow fluorescence with a milky white crush cut leaving a bright yellow dessication ring.

Claystones throughout the interval 1330m-1630m were light grey, grey to tan in colour, soft and amorphous with some zones being subfissile and grading into siltstone.

The limestone occurred as stringers white to cream in colour, the rock was competent, blocky and micro-crystalline in texture. The limestone gave a dull yellow mineral fluorescence.

Towards the base of the section layers of dolomitic limestone occurred. The dolomitic limestone was light brown to buff in colour, occasionally being of a reddish colour. The rock was hard and brittle, blocky, also micritic to finely microcrystalline with some silt. These samples had a similar fluorescence to the limestones, with a dull yellow mineral fluorescence. Calcimetry readings varied from 10 - 30% $CaCO_3$ and 2-20% $Ca, Mg (CO_3)_2$. Total gas values in the interval peaked at 2.8%, hydrocarbons to C_4 were detected. ROP values through this interval averaged at 5 - 10 m/hr with periods of 18m/hr.

Interval 1630 - 1825M - Silty Claystones with limestone Interbeds.

This interval was marked by the appearance of a darker silty claystone, predominantely brown to dark brown but also reddish brown in colour. The material was blocky to subfissile with occasional platey fragments. The claystone was slightly calcareous with modules of pyrite present. The material graded to a siltstone with increasing depth and was interbedded with very fine sand grade intervals.

Other calcareous siliciclastics occurred in small zones within the interval. Also present was a sandy dolomitic limestone, reddish tan to light brown in colour, very hard and brittle. The rock contained some micritic components but graded to a dolarenite interbedded with very fine to fine grained sandstones. The dolarenite and sandstones were white to light brown in colour, moderately well sorted with rounded and frosted grains in a calcareous clay matrix. Beyond 1745m claystone became the dominant lithology with an increasing silt and sand content. Throughout the interval 1630M - 1825M, calcimetry readings remained low, with values of 15% $CaCO_3$ and 5-10% $CaMg(CO_3)_2$. Total gas however increased from an average of 0.6% at 1630M to peaks up to 8% at 1817M. The ROP values averaged 8 m/hr initially but increased to a maximum of 40m/hr at 1825m.

Interval 1825 - 2203M - Sandstone, Coals, Minor Shales.

A sudden increase in total gas associated with a drilling break marked the beginning of this interval. The drilling break peaked at 130m/hr, at 1827m, with a maximum gas peak of 33% at 1833m. The gas associated with this peak contained hydrocarbons up to C_5 (816 ppm, 0.0186%). A core was taken from 1838m - 1847.8m with 2.8m of core being recovered. The recovery showed a very fine to fine grained sandstone of light grey to grey colour.

The sandstone was poorly sorted with angular to sub-angular grains, having an argillaceous with occasional dolomite matrix. Pale brown oil staining was visible with pale to strong yellow fluorescence and a bright yellow crush cut leaving a thin, yellow dessication ring. IDEL Porosity values of up to 30% were obtained during this section. Beyond this depth the interval was composed of interbedded sandstones and coals with minor shales and siltstones. The sandstone was similar to that found in the core at the beginning of this section, but varied from a light brown tan to light grey colour. The rock was fine to medium grained, poorly sorted and friable with some frosted grains.

The matrix was non-calcareous, with some clay (possibly kaolinite), carbonaceous inclusions and abundant mica. Traces of residual oil were observed, producing pinpoint white-yellow fluorescence with a dull yellow crush cut fluorescence, leaving a bright, pale yellow dessication ring.

The shales throughout this section were generally very silty and sandy, grading into siltstones and very fine grained sandstones. 20-30% shale was observed in the samples, the shales being of a dark to chocolate brown colour, moderately hard, fissile to highly fissile, splintery, non-calcareous, microcarbonaceous, and containing finely disseminated pyrite. These shales gave a pale yellow, bright crush cut fluorescence as observed in the siltstone/sandstone section.

Coal was the dominant lithological component of the samples from the latter part of the interval, constituting up to 80% of the samples from 2150m-2185m. The coal was dark brown to black in colour, the black material being bituminous and vitreous. The coal samples were hard, very brittle, glossy to vitreous with conchoidal fracturing and contained traces of pyrite. Crush cut, bright yellow in colour was obtained from the coals, leaving a bright intense yellow dessication ring.

Calcimetry readings were negligible throughout the interval with a maximum of 5% $CaCO_3$. ROP values were extremely variable with drilling breaks up to 125 m/hr through the interbedded coals, with average ROP values between 20 and 40 m/hr. Total gas readings were highest during the interval 1825 -1857m peaking at 33% at 1833m. A gas peak of 13.4% was observed at 1848m after which total gas values decreased to 0.2% at 1925m and remained low until 2143m. From here on to 2203m a series of gas peaks were recorded, with values of up to 1.9% corresponding to the large quanitites of coal (up to 90%) and the interbedded sandstone layers of this part of the interval.

INTERVAL 2203-2563M - Silty Shales & Sands, Coals and Thin Dolomites.

A gradual decline of the sand content was evident in the samples over this interval, with a corresponding increase in shale (up to 100% at 2515m), siltstone, dolomite stringers and interbedded layers of coal (up to 80%). The shales were dominantly dark brown to black, moderately firm, sub fissile to fissile, earthy, very silty in places, with a high content of dark organic matter, micromicaceous, micropyritic and slightly dolomitic. Occasionally the shales graded to lignite with apparent plant remains visible.

The boundary between the silty shale and siltstone was often difficult to determine, with the siltstone being generally a lighter brown to tan colour, very micro-micaceous with carbonaceous inclusions and finely disseminated pyrite. Both the shale and siltstone, gave moderate to bright yellow crush cut fluorescence with a very pale yellow dessication ring.

The thin dolomite stringers appeared light brown to dark tan in colour, occasionally reddish brown with some mottling. They were extremely hard, micritic to microcrystalline, brittle, blocky with very fine laminations and with a high silty and carbonaceous content. A dull yellow fluorescence was observed leaving a very pale and weak yellow dessication ring.

The amount of sandstone in the samples decreased rapidly, increasing only briefly between 2357m and 2378m (up to 100% at 2368m) and disappearing by 2515m. The sandstones were generally milky white to transluscent to tan in colour, very fine grained, occasionally medium grained with occasional coarse grains of loose quartz being present. The sandstones displayed poor to moderate sorting, moderate sphericity, were of frosted appearance, sub-rounded and with a non-calcareous cement matrix, with possible feldspars and muscovite being present. In places a bright yellow pin-point fluorescence was observed with slow streaming cut fluorescence. All samples gave bright to moderately bright yellow crush cut fluorescence, with a pale yellow dessication ring remaining.

Calcimetry readings remained low throughout this interval with the highest reading of 15% $CaMg(CO_3)_2$ and 5% $CaCO_3$ obtained at 2550m. The dominant dolomitic readings coincided with the occurrence of the dolomite stringers during this section. Total gas readings continued at a generally high level of 0.5 - 1.5% with higher peaks corresponding to the faster drilling coals i.e. 2.8% at 2464m and 8.8% at 2522m with numerous other smaller peaks recorded.

INTERVAL 2563 - 3018M - Igneous Intrusives & Sandstones.

The top of this interval is marked by the appearance of volcanics in the cuttings samples. From 2563 - 2568m a dark brown, black to metallic silver Pumice was seen being vitreous, brittle, hard and highly vesicular, with large (2mm) vesicules displaying flow characteristics and grading

to a black obsidian glass. From 2567m to 2583m appeared welded tuff with phylitic shales. The tuff was light grey to cream in colour with bands of light and dark grey in a pale green siliceous matrix, glossy, very hard and brittle. The shale was black with a glassy lustre, hard, blocky - sub fissile, brittle and non calcareous.

Below 2585m appeared a light, speckled black, basic igneous rock, making up almost 100% of the sample. The rock varied from cream to white, light green to light grey, brown to tan, dark green and also dark red brown. It had a fine cryptocrystalline groundmass with phenocrysts of feldspar and some quartz with abundant biotite. Also present were dark red brown euhedral crystals of hornblende, dark green augite and opaque dark brown garnet, the sample overall being slightly calcareous with abundant ferromagnesian minerals, magnetite and haematite. This rock has subsequently been identified as altered gabbroic dolerite. From this depth to 3018m the lithology seemed to be dominated by sandstone and siltstones with sections of igneous material. Frequent drilling breaks in association with total gas readings up to 28% (2753m) were noted and this section was later interpreted as a series of dolerite intrusions into a sandstone sequence.

The sandstone appeared off white to tan in colour, very fine to fine grained, sub rounded - sub angular, moderately well sorted with moderate sphericity and having a clay (kaolinite) matrix with glauconitic, pyritic and microcarbonaceous inclusions. A light brown residual oil stain was visible in places, with a dull yellow brown fluorescence and slow pale yellow streaming cut fluorescence.

This sequence of alternating dolerites and sands continued down to 3018m with occasional phylitic shales present. Calcimetry readings remained low, below 5%, and total gas peaks up to 26% were seen from the sandstone sections with average readings of 0.5 - 1%. ROP averaged 5 - 7m/hr with drilling breaks of up to 30m/hr, again in the sandstone sections.

INTERVAL 3018 - 3347m - Basaltic Extrusives.

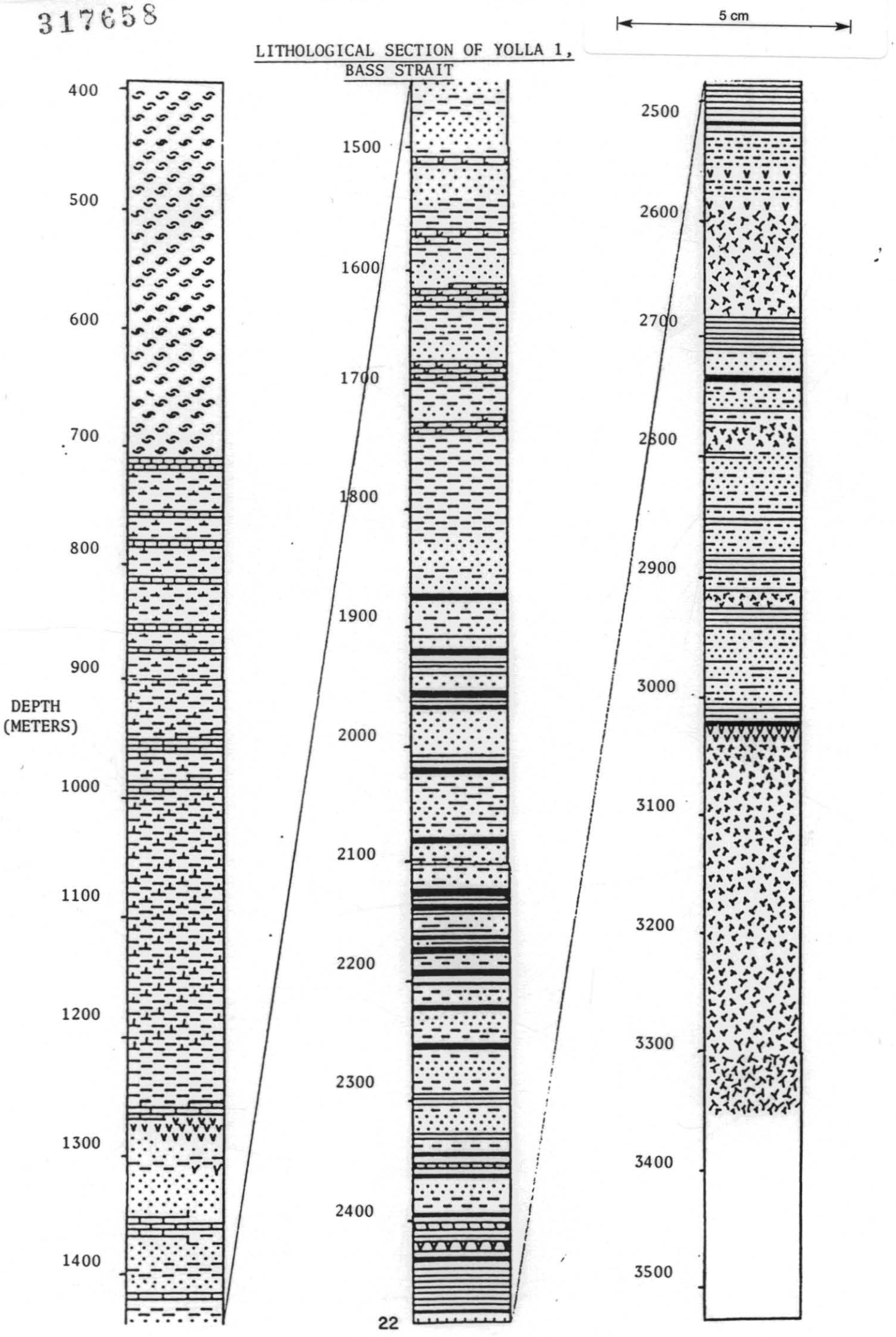
The upper boundary of this section was picked from a modified D'exponent plot since it is unclear from the cuttings samples which appeared to have been highly contaminated by cavings. The interval again represented an altered basic igneous rock of predominantly light grey to grey green colour, occasionally multi-coloured, green, brown, pinkish red, dark grey and black. The fine grained cryptocrystalline groundmass appeared to contain altered

feldspar and pyroxene phenocrysts with abundant anhedral phenocrysts of chlorite and calcite. Unlike the previous interval, where intermittant sands were present, this section appeared to be uniformly igneous in nature with occasional fractured zones giving slight ROP changes and with a great deal of alteration visible in the samples.

Total gas readings were uniformly low, averaging less than 0.1%, with a maximum of 0.4% recorded at 3062m, and 0.2% at 3328m. Calcimetry readings increased only slightly over the previous sections, with values up to 10% $CaCO_3$.

A core was taken from 3344.7 to 3346.8m with 64% recovery. This proved to be of a highly altered amygdalodial Basalt showing abundant fractures and veining. Amygdales of up to 2 cm across, flattened and with flow characteristics were present with quartz, calcitic and chloritic infillings. The groundmass appeared to consist of a matrix of altered feldspar, pyroxene and olivene. Overall colour was of a pale olive to olive grey with many lighter cream to off white infillings. Following this core, the decision to stop drilling was made, and Total Depth of Well Yolla #1 was announced at 3347m. The consequent wire line logging runs showed a total depth of 3350m. Total depth was reached on August 21st, 1985.

317658


5 cm
LITHOLOGICAL SECTION OF YOLLA 1,
BASS STRAIT
DEPTH
(METERS)
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500

HYDROCARBON SUMMARY

HYDROCARBON SUMMARY

A fairly high background gas level was observed, with average values of up to 2%, throughout most of the drilling of Yolla 1.

This was attributed to the high organic content of the shales and claystones encountered. The only major show recorded whilst drilling occurred from 1831-1838m and produced a maximum gas peak at 1833m of 32.8%, with a chromatographic breakdown of C_1:137088 ppm C_2:33480 ppm C_3:13200 ppm iC_4:882 ppm nC_4:1428 ppm $nC_5$816 ppm. A light brown oil stain was visible on the cuttings, with a pale yellow fluorescence giving a bright white/yellow crush cut and leaving a yellow dessication ring. Hydrocarbon ratio plots were drawn which seemed to indicate an oil bearing reservoir (Figs 1 & 2). For further details refer to the show report in the appendix.

A 2.7m core was recovered immediately after this interval consisting of 100% sandstone with a pale yellow flourescence, dull yellow crush cut flourescence and with pale yellow/white dessication ring flourescence. (See core report for further details).

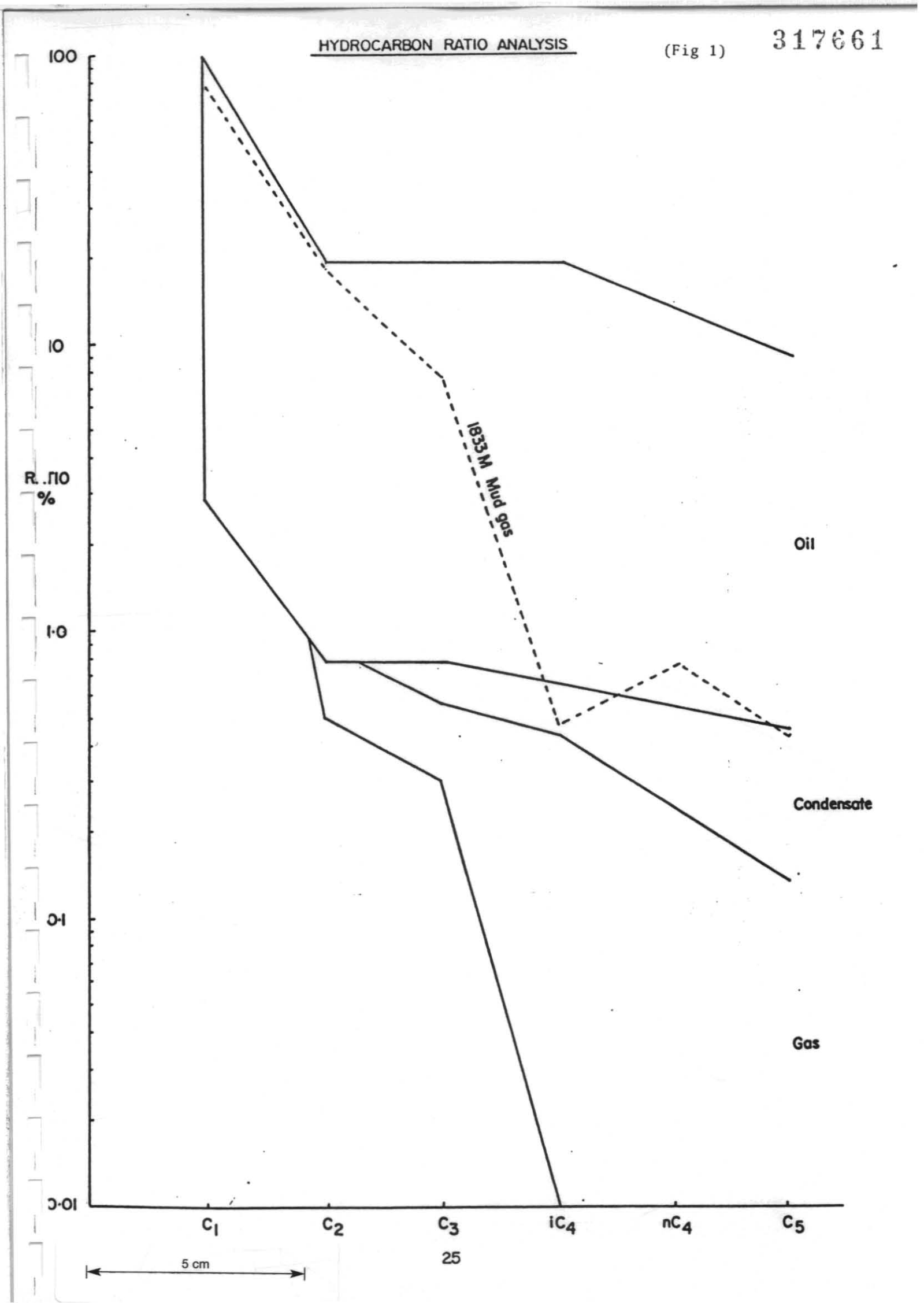
Throughout the rest of this sandstone interval total gas readings dropped to below 0.2% until 2140m. From this depth on numerous gas peaks were detected emanating from interbedded coal seams and from the sandstone bodies lying between the Dolerite/Gabbro intrusives below 2560m. Total gas readings again dropped below 0.2% once the Basaltic sequence was encountered below 3018m and remainded at these low levels until T.D.

From 1831m onwards all lithologies showed cut fluorescence in varying degrees of intensity representing residual oil but no more major shows were encountered, although numerous gas peaks were observed of up to 26% (2753m).

317661

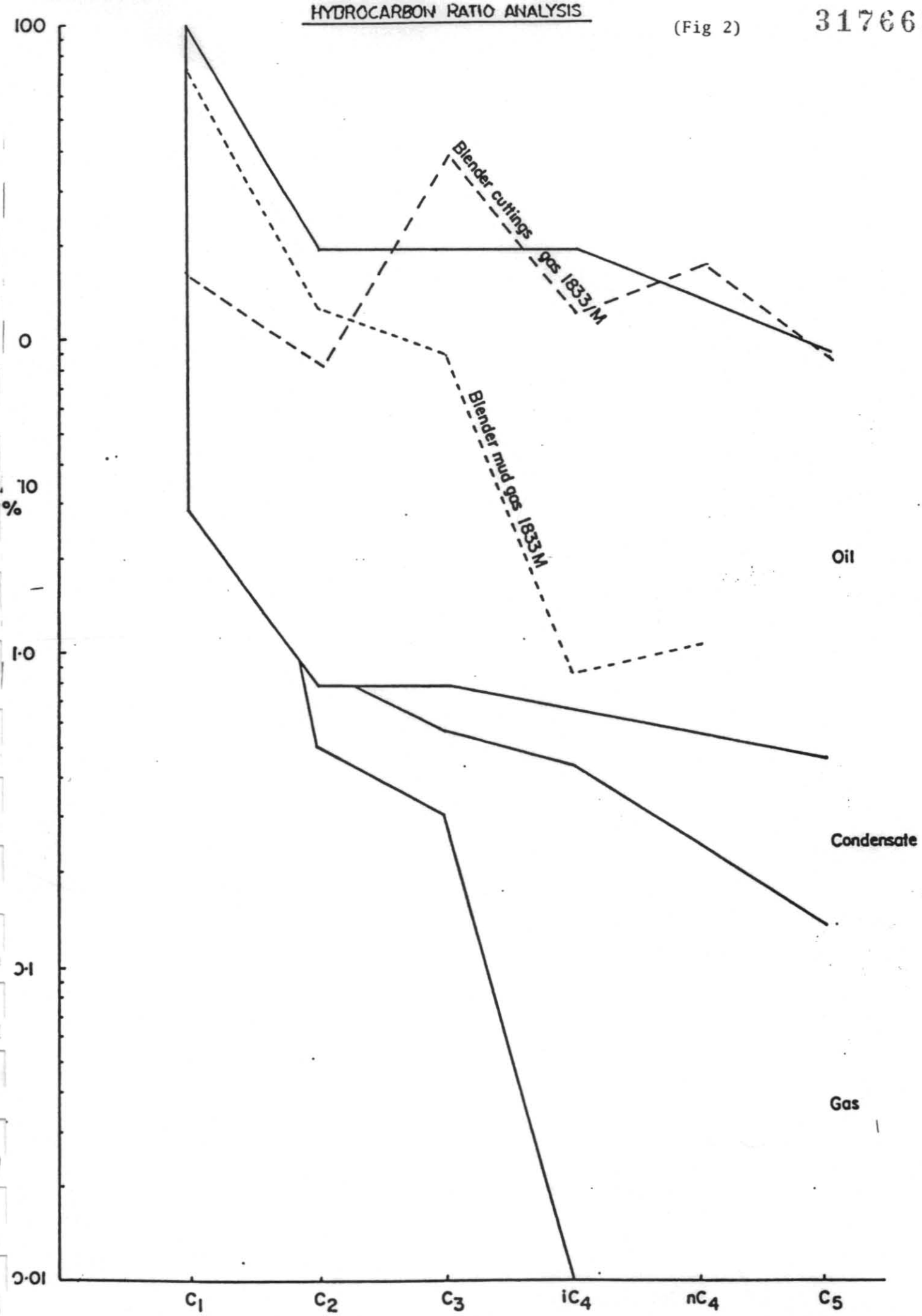
HYDROCARBON RATIO ANALYSIS

(Fig 1)



HYDROCARBON RATIO ANALYSIS

(Fig 2)



CORE REPORTS

ANADRILL
Schlumberger

317664

COMPANY: AMOCO AUSTRALIA RIG: R.F. BAUER DATE: 13.7.1985

CORE NO.: 1

CORE BARREL I.D.: 4 x 8½"

LENGTH OF CORE BARREL: 32.5' 9.9m

LENGTH OF CORE: 2.7m 9 ft PERCENTAGE RECOVERED: 28.8%

DEPTH INTERVAL	LITHOLOGY DESCRIPTION	SHOWS/FLUORESCENCE
1838. - 1847.8m	SANDSTONE: Light grey to grey, very fine grained, angular to sub angular, well rounded, poorly sorted, trace silicic cement, occasional slight organic matrix material, firm to hard very hard in places occasionally soft to very friable, trace of dolomitic material, good visible porosity.	Pale Yellow fluorescence, dull yellow crush cut fluorescence thin pale yellow dessication ring residue.

Schlumberger

317665

COMPANY: AMOCO AUSTRALIA RIG: GLOMAR R.F. BAUER DATE: 22/8/1985

CORE NO.: 2

CORE BARREL I.D.: 4" x 8½"

LENGTH OF CORE BARREL: 32.5' 9.9m (AMOUNT CORED 6.9FT, 2.1m)

LENGTH OF CORE: 4.4 ft 1.3m PERCENTAGE RECOVERED: 64%

DEPTH INTERVAL	LITHOLOGY DESCRIPTION	SHOWS/FLUORESCENCE
3344.7m - 3346.8m	Basalt: Pale olive - olive grey, firm - hard abundant fractures and veins, amygdales up to 2 cm, occasionally flattened, quartz, calcite and chlorite filling, occasionally unfilled matrix of altered feldspars (Pyroxenes and Olivenes).	No Show

PRESSURE EVALUATION

PRESSURE EVALUATION

No evidence of overpressure was encountered during drilling of Yolla No. 1. At 2298m connection gas seemed to occur but this was later associated with ROP breaks and sand bodies.

The Anadrill IDEL program gave a calculated pore pressure of between 8.7 - 8.9 ppg throughout the well and this normal trend was supported by other pressure indications such as D'Exp, shale density, True shale factor and Mud temperature. (Refer to Advisor cross-plots and well completion log).

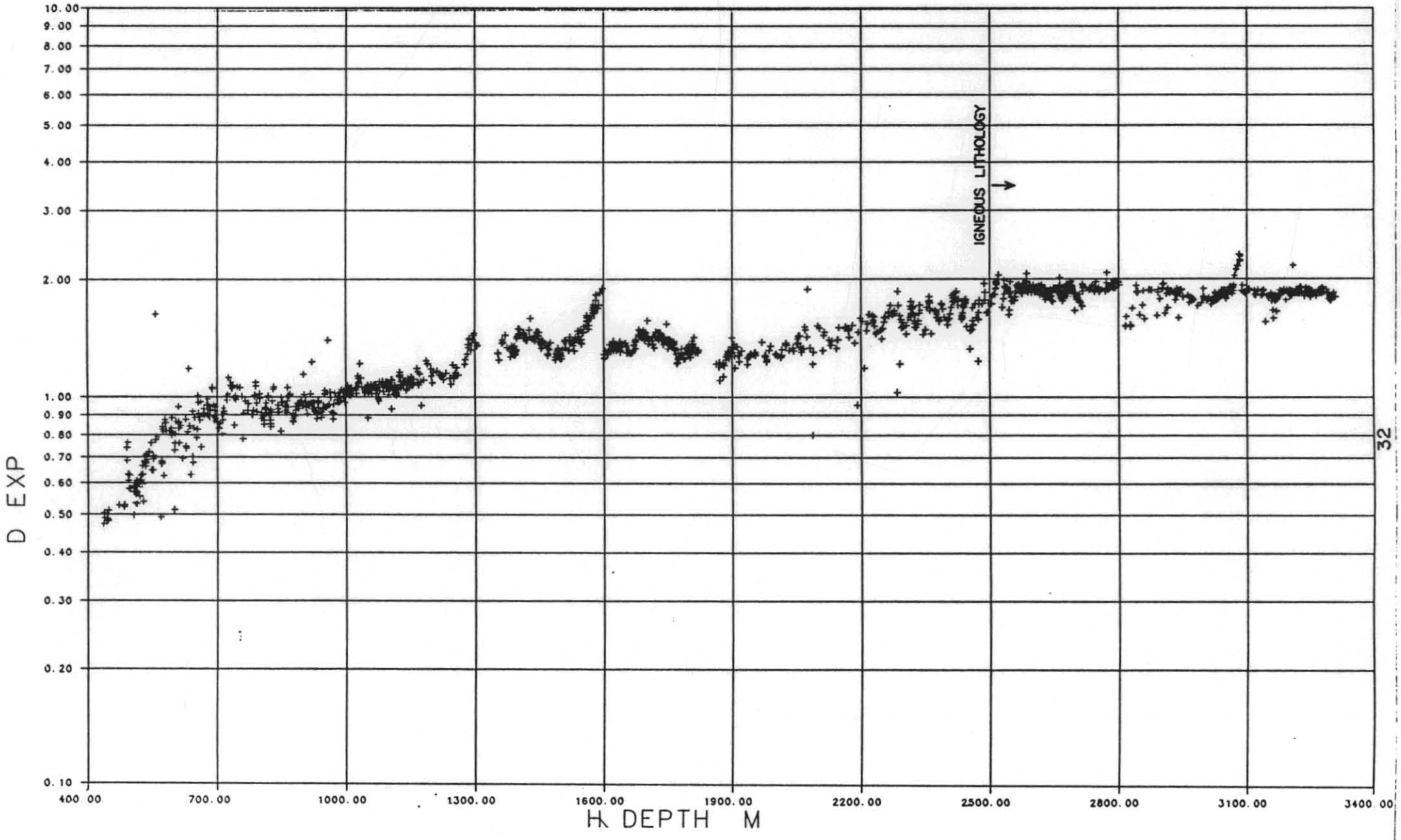
A D'Exp against depth plot (Fig 3) gives a normal compaction trend down to just below 2500m where no further increase is seen. From this depth on a sequence of igneous intrusive rocks and Basaltic flows are encountered, very weathered, altered and fractured which could possibly explain why no further increase in D'Exp trend was seen, as no further compaction occurred.

Mud temperature out against depth (Fig 4) shows no abnormal thermal graidents associated with overpressures and this is supported by plots of shale density and True shale factor on the well completion Log which again show only a normal compaction trend.

3176668

IC 4

5 cm

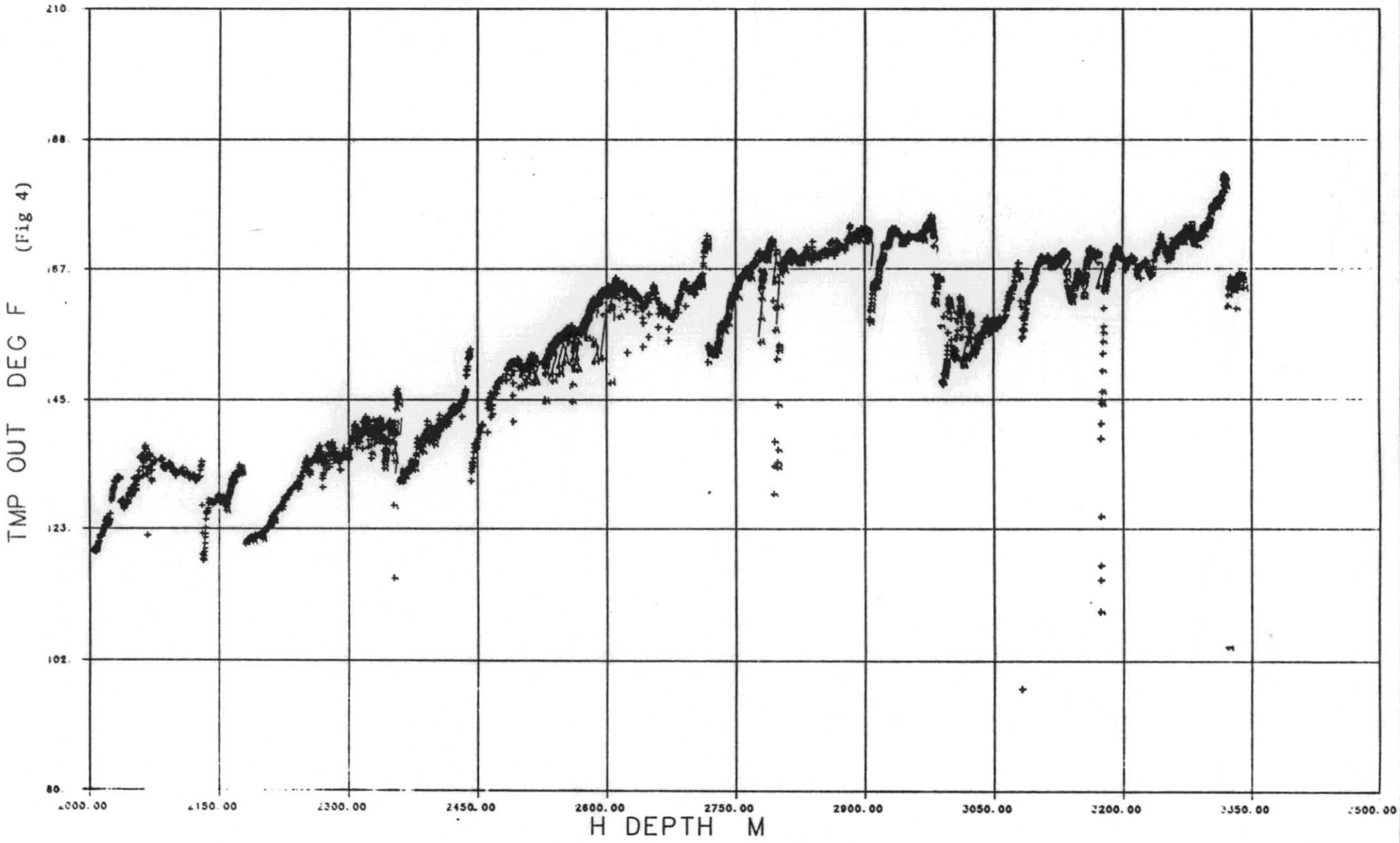


(Fig 3)

317669

1 C 4

5 cm



33

ENGINEERING REPORT

ADVISOR CROSS PLOT DISCUSSION

Plots of D'exp and Temperature out against depth are largely self-explanatory and have been commented on in the previous section. A plot of Mud Conductivity in and out against depth (Fig 5) illustrates the change from a saltwater to freshwater based mud system after the 20" casing shoe was drilled out at 1309m. From this point there is an appreciable divergence of mud out conductivity with respect to mud in conductivity, with an overall decreasing conductivity trend. This can be explained by the bleeding in of saline formation fluid into the mud system giving the increase seen in conductivity out, coupled with the remedial action taken of constant dilution of the mud system with drillwater. Altogether nearly 32000 barrels of drillwater were used as dilution for the mud system. This explains the gradual decrease in conductivity with depth that is illustrated by the crossplot.

An interesting plot is the cost/interval against depth for succeeding bit runs (fig 6). This illustrates the gradual levelling off of the cost/interval of each bit run as depth increases. In theory, as soon as the cost/interval of a bit starts to increase, thought should be given to pulling that bit, since it is becoming more uneconomic as it continues to drill. It is interesting to note that the steep increase in cost/interval seen at the end of bit run No. 14 (Depth in 2901m) shows that the bit should have been pulled, in theory, earlier than it was. At the time, large amounts of metal shavings were seen in the samples and it was subsequently found that half a cone had been lost downhole. This is also well illustrated by the extremely rapid increase in 'Drill Strengths' at the end of this bit run, seen on the plot of drill strength (k psi) against hole depth. (Fig 7)

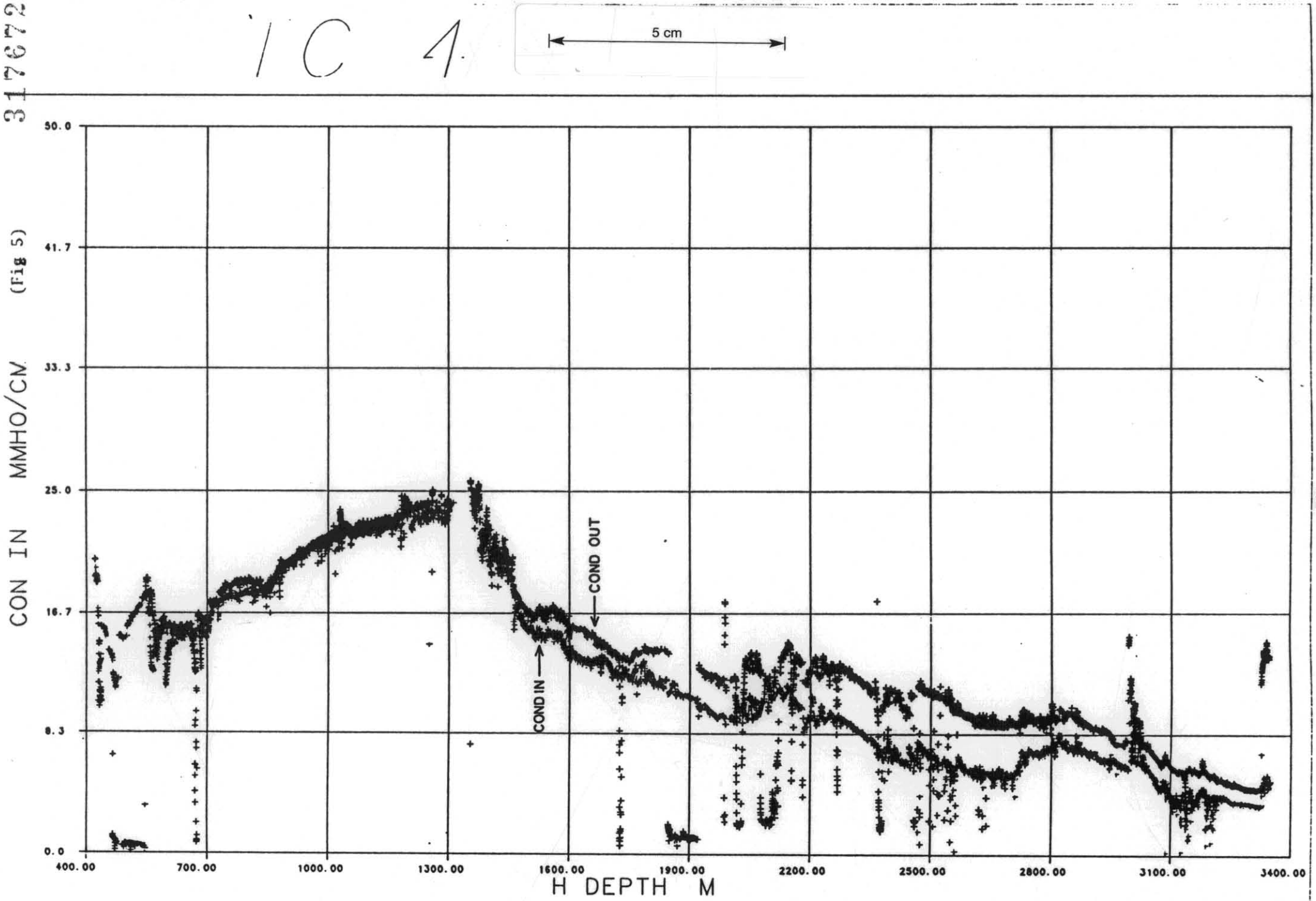
The two bit 'failures' illustrated by the increasing cost/intervals at 1600m and just before 3100m are also shown particularly well on the plot of D'Exp against depth (Fig 8) where at both these depths sharp increases in D'Exp are seen denoting inefficient drilling. D'Exp values return to the trend line at the commencement of the following bit runs in each case.

The plots of surface weight on bit (SWOB) and torque (drive amps) against depth (Figs 9 & 10) are included to show the general increasing trend of these parameters with depth, with the exception of the sands between approximately 1750 - 2100m, which required a much lower weight on bit to drill effectively. This is to some extent reflected in the lower torque values obtained over this interval.

3176772

IC 1.

5 cm

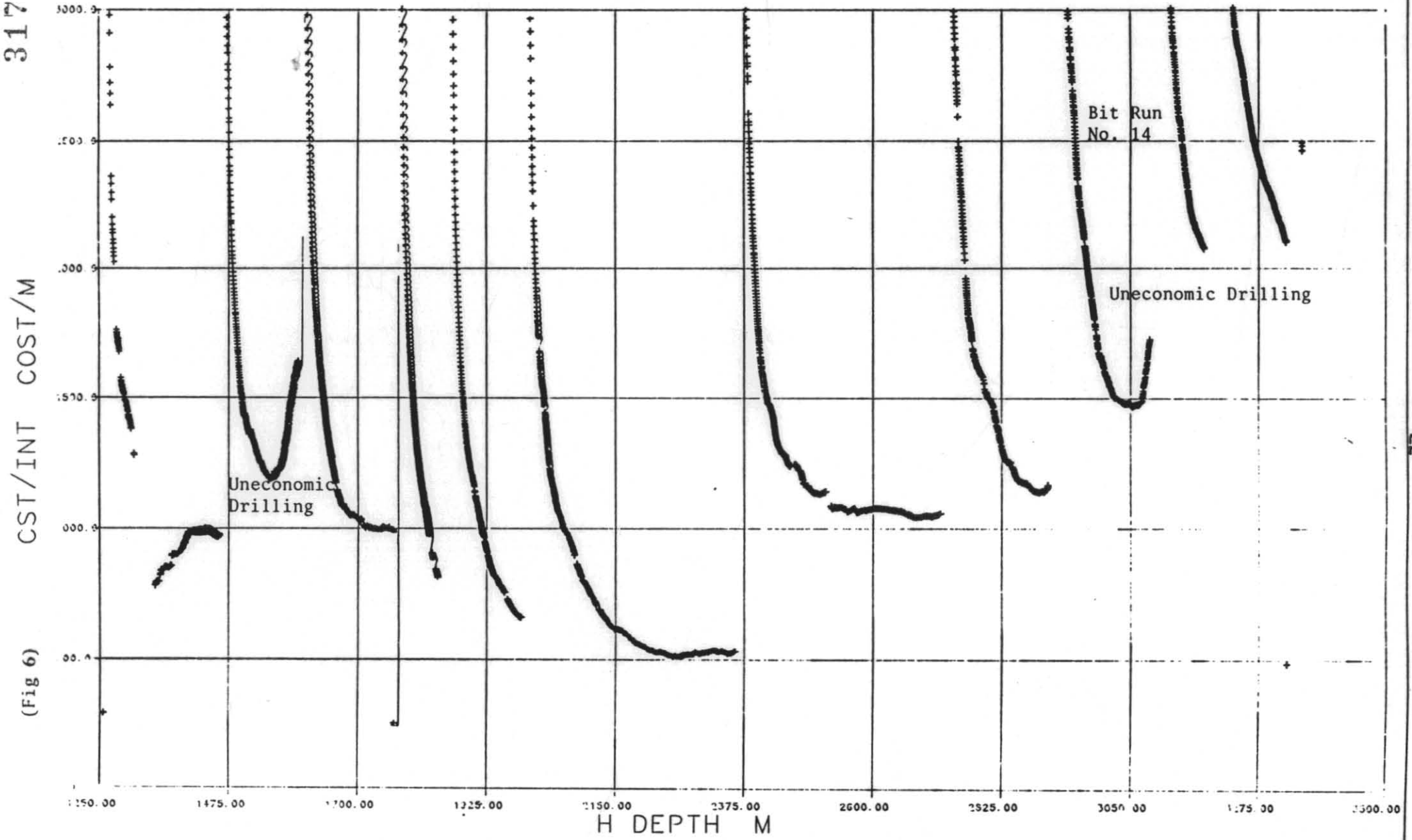


36

3176173

1 C 4

5 cm



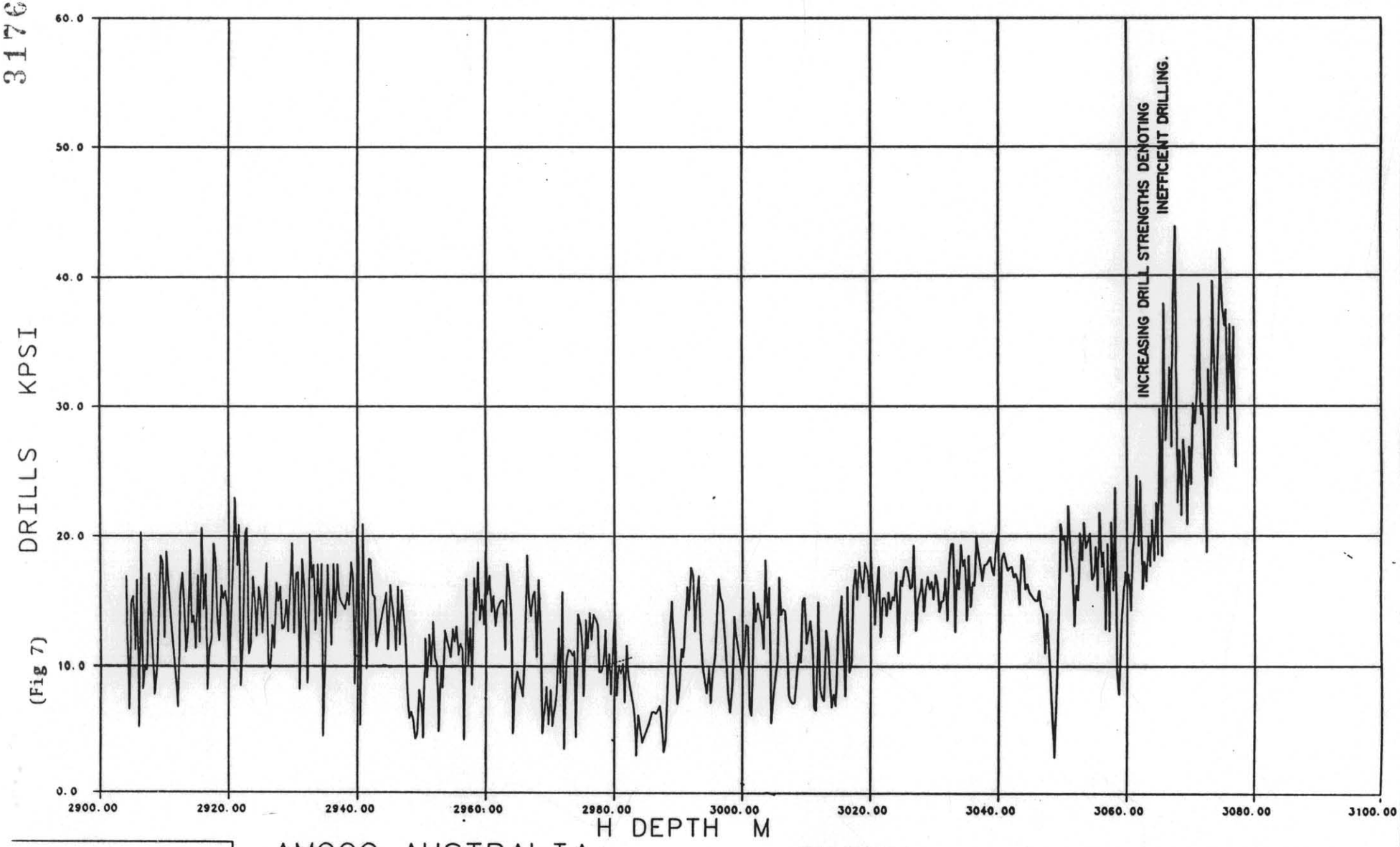
(Fig 6)

37

1 C 4

5 cm

317674



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THE ANALYSTS

Schlumberger

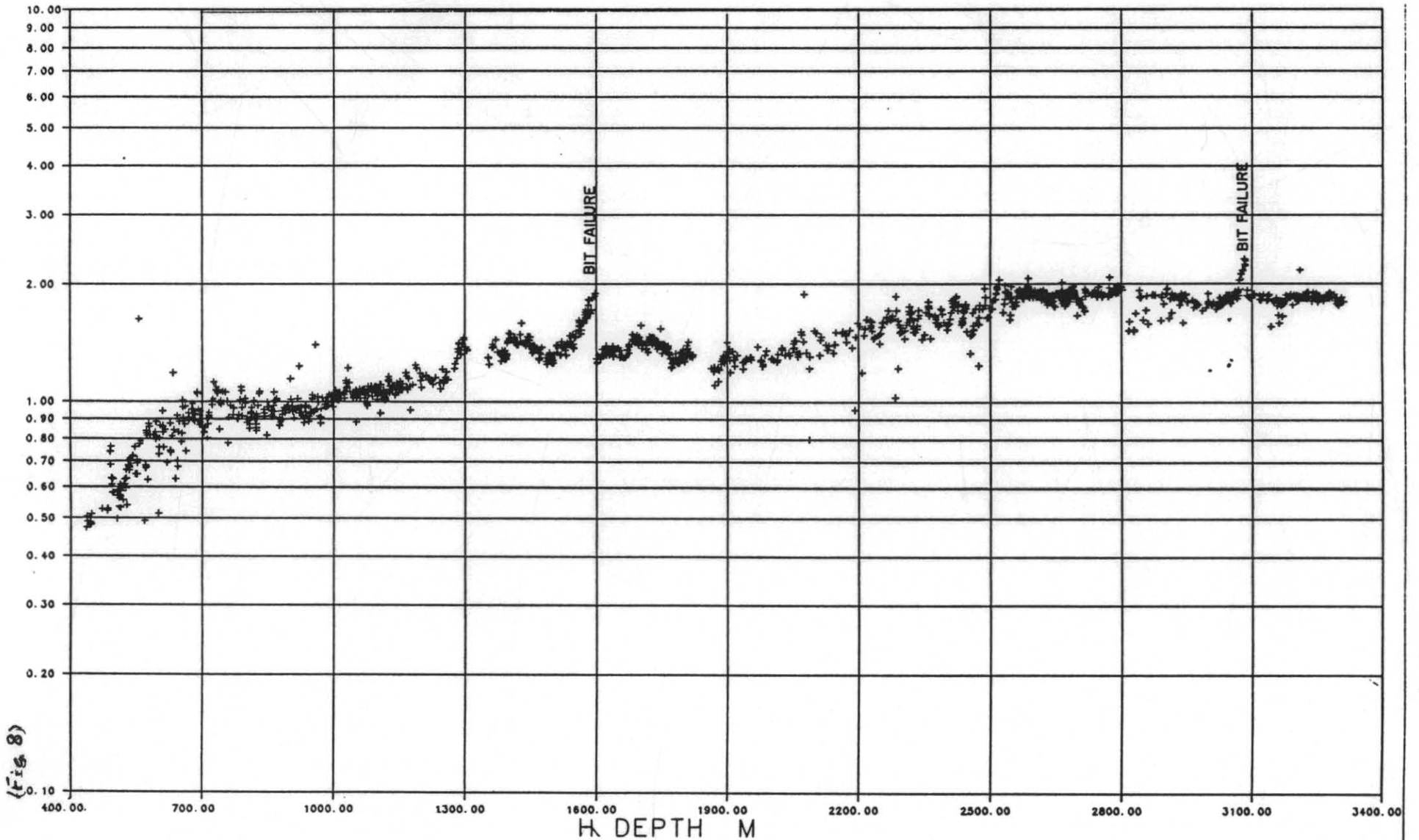
AMOCO AUSTRALIA
YOLLA #1
BASS STRAIT

ENGINEER
DATE/TIME 05-SEP-85 19:19:09
DEPTH (M) FROM 2903.0 TO 3077.0
H DEPTH M 2903.00 - 3077.00

TC 4

5 cm

317675



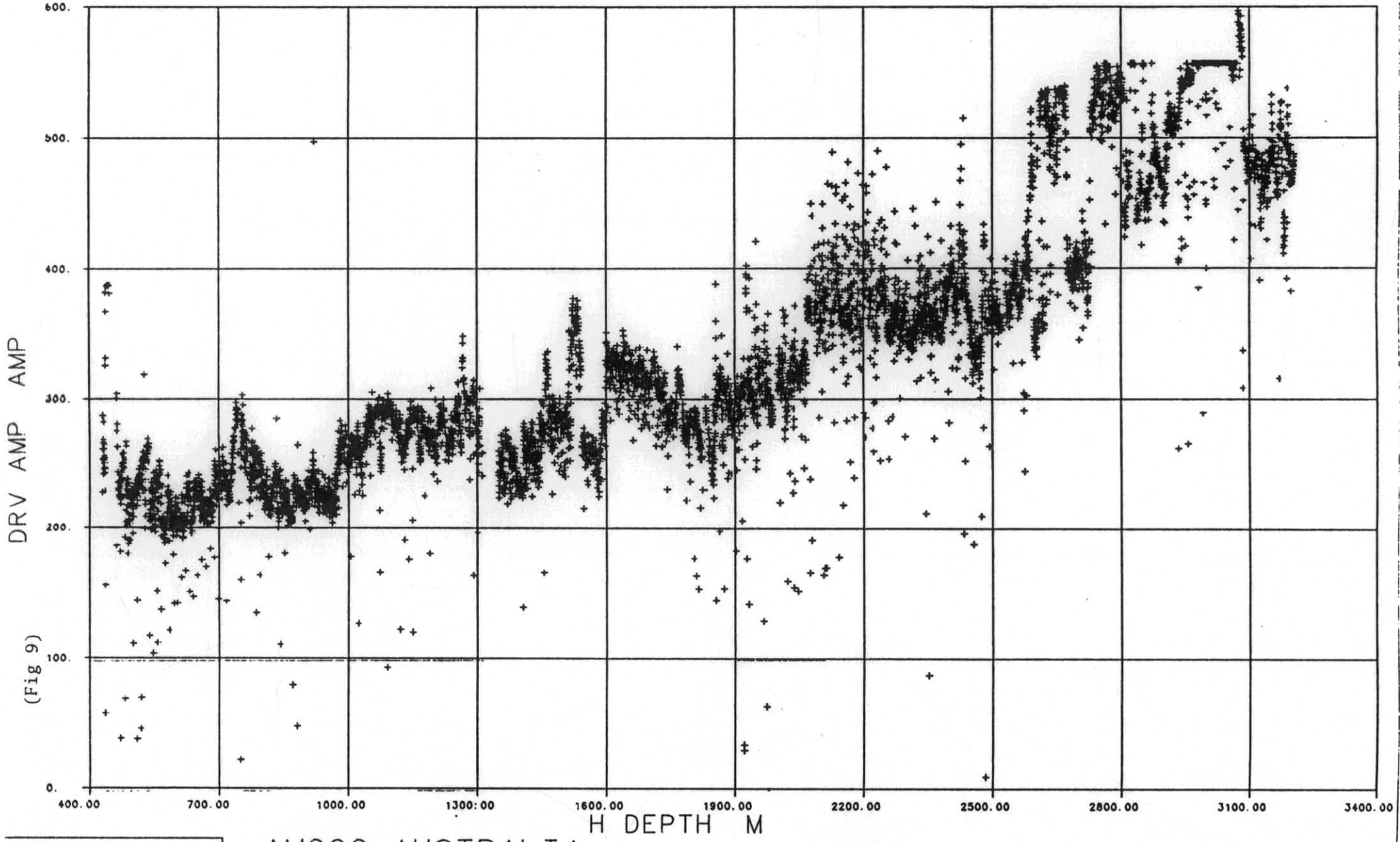
(Fig 8)

39

1 C 1

5 cm

317676



THE ANALYST

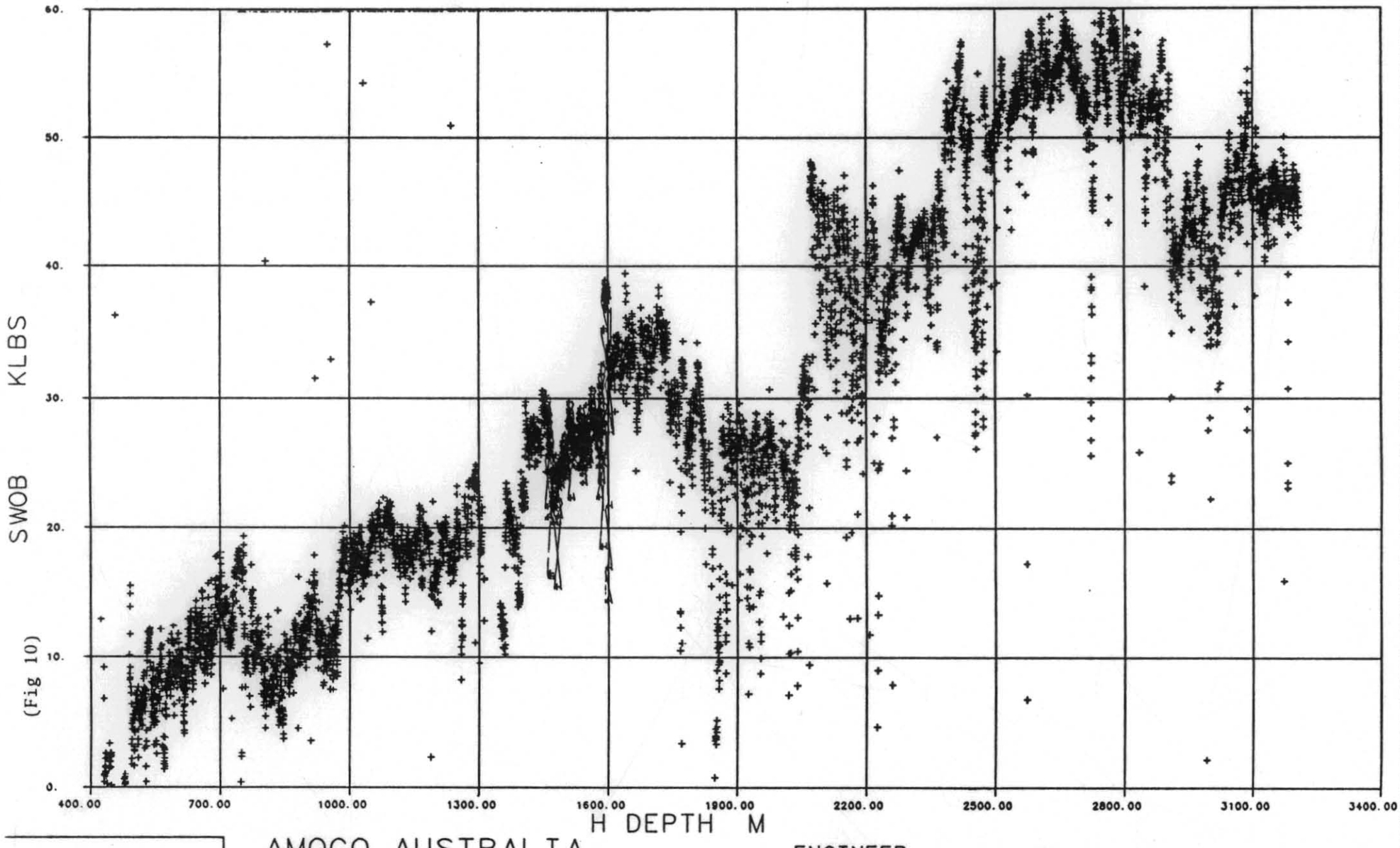
AMOCO AUSTRALIA
YOLLA #1
BASS STRAIT

ENGINEER
DATE/TIME 25-AUG-85 12:03:49
DEPTH (M) FR [illegible] TO [illegible]
H DEPTH M 0.00 3346.00

/1C 4

5 cm

317677



(Fig 10)

41

THE ANALYSTS

AMOCO AUSTRALIA
YOLLA #1

ENGINEER
DATE/TIME 25-AUG-85 11:37:42
EPT (M) EE 41 2 TO 46
H DEPTH M 0.00 3346.00

317678

HYDRAULICS

GENERAL HYDRAULICS

In general adequate hole cleaning was maintained throughout the drilling of Yolla 1, although during the latter stages of the well sample contamination by sloughing and cavings was a problem. Although at no stage during drilling were annular velocities high enough to cause a turbulent flow regime (refer to hydraulics analysis) hole enlargement was evident by the late return of carbide lag checks and by reference to caliper logs. During the $17\frac{1}{2}$" hole section an average hole size of $19\frac{1}{2}$" was calculated using carbide gas returns.

Whilst drilling the upper part of the 13 3/8" hole where soft friable sands were encountered hole enlargement was again evident. Once the igneous section below 2500m was encountered however a much more in-gauge hole was produced, as shown by Schlumberger Caliper Log, with areas of enlargement corresponding to the softer sand sections found between the Dolerite intrusions.

Hydraulics analyses were run everyday whilst drilling (See fig 11) and these showed good Bit hydraulics optimisation. Average values for Bit Hydraulic Horsepower of 60% were calculated against an optumum of 50-65%. Average valves for Hydraulic Horsepower per square inch (HHP/in^2) of approximately 4.7 were obtained compared with the desired optimum of 2.5-5 (HHP/in^2), and average nozzle velocities around 420 ft/see were calculated compared to the optimum of 350-400 ft/see. This excess of nozzle velocity over the desired optimum may have contributed to the hole enlargement seen whilst drilling.

Equivalent Circulating Density (ECD) values calculated whilst drilling at no stage approached calculated Fracture Gradient values, which had reached 15.8 ppg (equiv) by T.D. The calculated value of 12.7 ppg for fracture gradient at 413m (Below the 20" casing show) corresponded well with the actual value of 12.5 ppg obtained from the Formation Integrity Test (FIT). Unfortunately the calculated value at the 13 3/8 casing shoe could not be checked in the same way since a value of 13.6 ppg was obtained at this depth (1760m) by a limit test only and so did not represent a true formation fracture value. The corresponding calculated value at the same depth was 14.4 ppg.

Fig 11 EXAMPLE HYDRAULICS PROGRAM

```
**********************************************
******                                  *******
******          THE ANALYSTS            *******
******          SCHLUMBERGER            *******
******                                  *******
**********************************************

************** HYDRAULICS ***********************
 9/19/85

UNITS OPTION:( M=METRIC E=ENGLISH )= E

  *** DRILLING ASSEMBLY PARAMETERS ***

( SURFACE EQUIPMENT )
CASE     STANDPIPE          HOSE           SWIVEL          KELLY
    LENGTH(FT) ID(IN) LENGTH(FT) ID(IN) LENGTH(FT) ID(IN) LENGTH(FT) ID(IN)
  1     40     3        45     2        4      2        40     2.25
  2     40     3.5      55     2.5      5      2.5      40     3.25
  3     45     4        55     3        5      2.5      40     3.25
  4     45     4        55     3        6      3        40     4

WHAT IS THE CASE FOR SURFACE EQUIPMENT? =  4

DRILL PIPE  1:
 ID(IN) =      4.2760
 OD(IN) =      5.0000
 LENGTH(FT)=   9845.0000

DRILL PIPE  2:
 ID(IN) =      3.0000
 OD(IN) =      5.0000
 LENGTH(FT)=    422.0000

DRILL COLLAR  1:
 ID(IN) =      3.0000
 OD(IN) =      9.0000
 LENGTH(FT)=    618.0000

TOTAL LENGTH (FT) =  10685.000
```

```
RISER ID(IN) =     19.0000
 DEPTH(FT)=    272.0000

CASING  1 ID(IN) =     12.4510
 DEPTH(FT)=   5752.0000

CASING  2 ID(IN) =      0.0000

BORE HOLE 1  SIZE(IN) =     12.2500
 DEPTH(FT)=  10885.0000

TVD AT BOTTOM(FT) =  10885.0000
KELLY LENGTH DRILLED(FT) =      0.0000


              *** OPERATION PARAMETERS ***
MAX. HHP OF PUMP(HP)          =   3200.0000
STANDPIPE PRESSURE(PSI)  =   2900.0000
PUMP OUTPUT S100%(BBL/STK)     =      0.1440
PUMP EFFICIENCY(%)                 =     94.00
MIN. ANN. VEL FOR CASING 1(FT/MIN)=     60.0000
INTERVAL FOR ANN. VELOCITY(FT/MIN)=      5.0000
MUD WEIGHT (LB/GAL)      =      9.8000
PLASTIC  VISCOSITY(CP)             =     14.00
YIELD POINT(LB/100 SQ FT)  =     19.0000


FLOW TEST? (OFFBOTTOM=O, DRILLING=D) = D

CUTTING WEIGHT (GM/CC)  =      2.3000
CUTTING SIZE (MM)       =      3.0000
```

```
SELECT MODEL (POWER LAW=P,BINGHAM PLASTIC=B) FOR ANALYSIS = B

NEED OPTIMIZATION PROCESS (Y/N)?  = Y
```

BINGHAM PLASTIC MODEL

CIRC RATE	ANN VEL	TOTAL PRESSURE LOSS,PSI	TOTAL HHP	HHP ACROSS BIT	% HHP AT BIT	NOZZ VEL	JET HP	NOZZLE DIAM(32ND)			AREA
GPM	FT/MIN		HP		%	FT/SEC	HP/IN2	IN	IN	IN	SQIN
319.3	60.0	2900.	538	439.	82.	508.5	3.7	9.	9.	10.	0.201
344.8	65.0	2900.	583	463.	79.	513.6	3.9	9.	10.	10.	0.216
371.4	70.0	2900.	628	485.	77.	519.1	4.1	10.	10.	10.	0.230
397.9	75.0	2900.	673	504.	75.	486.9	4.3	10.	11.	11.	0.262
424.4	80.0	2900.	718	520.	72.	519.4	4.4	10.	11.	11.	0.262
450.9	85.0	2900.	762	533.	70.	488.9	4.5	11.	11.	12.	0.296
477.5	90.0	2900.	807	542.	67.	488.6	4.6	11.	12.	12.	0.314
504.0	95.0	2900.	852	548.	64.	461.5	4.6	12.	12.	13.	0.351
530.5	100.0	2900.	897	550.	61.	460.6	4.7	12.	13.	13.	0.370
557.0	105.0	2900.	942	548.	58.	436.6	4.7	13.	13.	14.	0.410

SELECT NOZZLE SIZE(DIA=D, AREA=A) =D
NOZZLE 1 SIZE(32ND)= 14.00
NOZZLE 2 SIZE(32ND)= 14.00
NOZZLE 3 SIZE(32ND)= 14.00
CIRC. RATE FOR MIN. VEL (GPM) = 318.307
EFFEC. PUMP RATE(STK/MIN) = 55.99

EFFEC. PUMP OUTPUT(BBL/STK) = 0.135

STARTING CIRC. RATE (GPM) = 575.00
INTERVAL FOR CIRC RATE(GPM) = 5.0000

CIRC RATE		ANN VEL	ECD	HHP ACROS	IMPAC FORCE	TOT HHP	TOTAL PRESS	% HHP AT BIT	NOZZ VEL	JET HP
STK/M	GPM	FT/MIN	PPG	BIT	LB	HP	PSI	%	FT/SEC	HP/IN2
101.	575.0	108.4	10.07	492.	1192.5	920	2743.	53.5	409.3	4.3
102.	580.0	109.3	10.07	505.	1213.6	942	2786.	53.6	412.8	4.3
103.	585.0	110.3	10.07	518.	1234.6	965	2830.	53.7	416.4	4.4
104.	590.0	111.2	10.07	532.	1255.8	989	2874.	53.8	419.9	4.5
105.	595.0	112.2	10.07	545.	1277.2	1013	2918.	53.8	423.5	4.6
106.	600.0	113.1	10.07	559.	1298.8	1037	2963.	53.9	427.1	4.7
106.	605.0	114.0	10.07	573.	1320.5	1061	3008.	54.0	430.6	4.9
107.	610.0	115.0	10.07	588.	1342.4	1086	3053.	54.1	434.2	5.0
108.	615.0	115.9	10.07	602.	1364.5	1112	3099.	54.2	437.7	5.1
109.	620.0	116.9	10.07	617.	1386.8	1137	3145.	54.2	441.3	5.2

SELECT CIRC. RATE (GPM) FOR GENERAL HYDRAULIC ANALYSIS = 598.00

GENERAL HYDRAULIC ANALYSIS FOR SELECT-CIRCULATION RATE(GPM) = 598.000
DEPTH(FT) = 10885.000
TVD(FT) = 10885.000

HYDRAULIC PRESSURE(PSI) = 5544.863
E.C.D.(PPG) = 10.067

MUD PROPERTIES:
CONSISTANCY INDEX(K) = 1.37
POWER LAW INDEX(n) = 0.51

LAG INFORMATION:
NUMBER=

HOLE(BBL)	=	1672.883
DRILL STRING:		
CAPACITY(BBL)	=	183.952
DISPLACEMENT(BBL)	=	103.903
CAPAC. + DISPL.(BBL)	=	287.755
ANNULUS(BBL)	=	1385.127
UPLAG INCREMENT(BBL/FT)	=	0.121
DOWNLAG INCREMENT(BBL/FT)	=	0.018

MUD TRAVELING:

TO BOTTOM:		
TIME(MIN)	=	12.92
STROKES	=	1359.

	MUD FLOW	CUTTING FLOW
BOTTOM UP:		
TIME(MIN)	97.29	118.44
STROKES	10238.	12458.
COMPLETE CYCLE:		
TIME(MIN)	110.21	131.36
STROKES	11592.	13817.

BINGHAM PLASTIC PRESSURE LOSS:		
SURFACE EQUIPMENT(PSI)	=	34.063
THROUGH DRILL STRING(PSI)	=	1173.150
ACROSS DRILL BIT(PSI)	=	1586.980
THROUGH ANNULUS(PSI)	=	150.883
TOTAL PRESSURE LOSS(PSI)	=	2944.976
% PRESSURE DROP AT BIT	=	53.88
TOTAL HHP(HP)	=	1027.477
HHP ACROSS BIT(HP)	=	553.649
IMPACT FORCE(LB)	=	1290.127

OPTIMIZATION PARAMETER		CALCULATED	CRITERIA
MAXIMUM BIT HORSEPOWER	(%)	53.88	50-65
NOZZLE VELOCITY	(FT/SEC)	425.64	350-400
JET HORSEPOWER	(HP/IN2)	4.70	2.5-5.0

DETAIL HYDRAULIC ANALYSIS FOR SELECT-CIRCULATION RATE(GPM) = 598.000

DEPTH(FT)					
FROM	0.	292.	5752.	9845.	10267.
TO	292.	5752.	9845.	10267.	10885.
LENGTH	292.	5460.	4093.	422.	618.
PIPE SIZE(IN)					
ID	4.276	4.276	4.276	3.000	3.000
OD	5.000	5.000	5.000	5.000	8.000
CAPACITY					
BBL/FT	0.018	0.018	0.018	0.009	0.009
BBL	5.194	96.977	72.597	3.689	5.403
DISPLACEMENT					
BBL/FT	0.007	0.007	0.007	0.016	0.053
BBL	1.905	35.680	25.702	6.559	33.018
HOLE SIZE(IN)					
ID	19.000	13.451	12.250	12.250	12.250

CAPACITY					
BBL/FT	0.326	0.126	0.121	0.121	0.084
BBL	95.306	689.646	497.242	51.267	51.666
INTERNAL PIPE					
FLOW REGIME	TURB	TURB	TURB	TURB	TURB
FLOW VEL.					
FT/SEC	13.360	13.360	13.360	27.142	27.142
FT/MIN	901.615	901.615	901.615	1628.540	1628.540
FLOW TIME					
MIN	0.364	4.911	5.106	0.259	0.379
CRITICAL VEL.					
FT/SEC	5.647	5.647	5.647	5.813	5.813
FT/MIN	338.829	338.829	338.829	348.798	348.798
PRESSURE LOSS					
PSI	22.037	412.070	308.901	174.538	255.603
ANNULAR HOLE					
FLOW REGIME	LAMI	LAMI	LAMI	LAMI	LAMI
FLOW VEL.					
FT/SEC	0.727	1.979	1.953	1.953	2.838
FT/MIN	43.622	118.731	117.196	117.196	170.305
FLOW TIME					
MIN	6.694	48.438	34.924	3.601	3.629
CRITICAL VEL.					
FT/SEC	5.385	5.485	5.491	5.491	5.650
FT/MIN	323.121	329.108	329.466	329.466	338.970
PRESSURE LOSS					
PSI	1.997	72.208	55.762	5.749	15.174
SLIP VEL.					
FT/MIN	17.884	17.884	17.884	17.884	17.884
TRA. VEL.					
FT/MIN	25.737	94.937	99.312	99.312	152.421
TRA. TIME					
MIN	11.345	57.572	41.214	4.249	4.055

SELECT CIRC. RATE (GPM) FOR GENERAL HYDRAULIC ANALYSIS = 0.00

PUT :(RERUN = R, EXIT = X)= X

CONCLUSION

A number of points can be raised from the Anadrill service during the drilling of Yolla No 1.

The use of accumulators for sample retention at the shale shakers gave good quality representative samples, this was complemented by the use of 3 mesh sizes whilst sieving to create a broad sample size spectrum.

Bit hydraulics and hole cleaning were adequate throughout the well though excessive hole enlargement was seen in places from carbide lag checks, probably due to the friable nature of the sandstone encountered.

The presence of CO_2 gas was inferred in the latter stages of the well by the effect it was having on the mud system giving very high viscosities. Since the CO_2 was dissolving into the mud system and remaining in solution its presence could not be detected by the Anadrill CO_2 analyser. However, when the RFT samples were analysed up to 7.5% CO_2 was observed in the gas samples. (Up to 16% CO_2 was seen from DST No. 1). With the large amount of volcanic material encountered in Yolla 1 the presence of fairly large amounts of CO_2 is not surprising and will be a factor to bear in mind when designing the mud program for any subsequent wells.

Recommendations

(a) Familiarise Client personnel with the use of the Anadrill Engineering program library utilising the remote computer terminal provided in the company office at the rigsite.

(b) Utilise more fully Advisor plotting capability particularly in the use of Engineering crossplots to assist in spotting potential trouble-spots in the drilling operation e.g. use of crossplots to predict failure of bit run 14 with consequential loss of most of one cone.

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APPENDIX

BIT RECORD

MUD PROPERTIES RECORD

BIT HYDRAULICS DATA

SURVEY DATA

SHOW REPORT

HYDROCARBON RATIO PLOTS

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THE ANALYSTS
Schlumberger

BIT RECORD

COMPANY AMOCO AUSTRALIA WELL NO. YOLLA #1. PAGE NO.

BIT RUN No.	DEPTH IN METER	SIZE	MAKE	TYPE	JETS 32 NDS.	METRE	HOURS	WT./ 1000	R.P.M	COND. T.	COND. B.	COND. G.	DEV.	REMARKS
1	91	26"	SMITH	DSJ	3 x 18	196	5·5	0-10	100	2	2	1	3/4°	26-36" HOLE OPENER
2	196	171/2"	SMITH	DSJ	3x18	215	6·5	5-8	140	1	1	1	3/4°	PILOT HOLE
3	196	26"	SMITH	DSJ	3x20	215	8·0	5-8	120	2	2	1	11/2°	OPEN PILOT HOLE
4	411	17 1/2"	SMITH	SDS-C	3x16,1x14	309	13·0	5-10	60-120	1	1	1	1/2°	HUNG OFF, W.O.W
5	720	17 1/2"	SMITH	SDS-C	3x16,1x14	530	40·0	15-20	120-125	3	6	1	1°	DRILLING AHEAD SLOWLY.
6	1250	17 1/2"	SMITH	SDT-C	3x15,1x13	202	43·0	25	120	6	4	1	1°	POOH, UNLATCH RISER, WOW
7	1452	17 1/2"	SMITH	SDG-H	3x15,1x12	139	34·8	20-38	120	7	5	1	1/2°	LOW ROP
8	1591	17 1/2"	SMITH	SDG-H	2x16,1x18	168	22·9	30-35	90-100	5	4	1	1/2°	POOH FOR 13 3/8" CASING.
9	1759	12 1/4"	SMITH	SDG-H	2x14,1x13	79	4·5	25-30	90	3	2	1/16	—	POOH FOR CORE No 1.
CB1	1838	8 1/2"x4"	DB	CB303	—	10	1·11	4-12	80	/	/	/	—	CORE No. 1
10	1847	12 1/4"	SMITH	STC-F2	2x14,1x13	135	8·6	15-20	90	1	2	1	3/4°	HANG OFF, POOH FOR E.LOGS
11	1982	12 1/4"	SMITH	STC-F2	2x14,1x13	373	27·1	35-45	95	1	4	1/16	1 1/2°	PULL TO SHOE, WOW.
12	2355	12 1/4"	SMITH	STC-F2	2x14,1x13	358	58·4	45-50	95	2	4	1/16	1/2°	STACK TEST.
13	2713	12 1/4"	SMITH	STC-F2	2x14,1x13	188	29·7	45-50	90-100	3	5	1/16	1°	POOH, LOW ROP
14	2901	12 1/4"	SMITH	STC-F2	2x14,1x13	177	44·8	40-50	95	8	8	8	3/4°	LOST HALF A CONE, AND MANY MISSING TEETH.
15	3078	12 1/4"	SMITH	STC-F3	3x14	95	24·8	40-50	70	2	6	1	1/2°	RUN IN W/ JUNK BASKET.
16	3173	12 1/4"	SMITH	STC-F3	3x14	144	42·5	40-50	75	1	5	1	1°	DRILL W/ JUNK BASKET.
17	3316	12 1/4"	SMITH	STC-F3	3x14	29	7·4	40-50	70	1	4	1/8	1°	POOH TO WOW, LOSE STRING, FISH FOR STRING
CB2	3345	8 1/2"x4"	DB	CB303	—	2·1	0·7	20	90	/	/	/	1°	CORE No 2.

THE ANALYSTS
Schlumberger

DAILY MUD PROPERTIES

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DATE	DEPTH	WT.	VISCOSITY SEC.	VISCOSITY CPS.	CORR. 115 °F PV	CORR. 115 °F YP	GELS 0	GELS 10	pH BECK ☐ STRIP ☐	FLUID LOSS 100 PSI API	FLUID LOSS 500 PSI 200 °F HT-HP	CL ☒ CACL ☐ NACL ☐	ALKALINITY PF	ALKALINITY PM	ALKALINITY MF	CA ppm	RETORT % OIL	RETORT % SOL	RETORT % WATER	ACTIVITY As	ACTIVITY Am	# Bbl METH BLUE	REMARKS SND
18/6		DRILL	WITH	SEAWATER	AND		HI-VIS	SWEEPS															
19/6	1348	8·9	100		22	154	70	100	11·0														
20/6	1348	8·9	100		22	154	70	100	11·0		OPENING 17·5" TO 26" FOR CASING												
21/6	1348	8·9	100		22	154	70	100	11·0														
22/6	1348	8·8	45		4	6	8	12	10·5			13000	0·8			400	0	2	98			13	
23/6	1348	9·0	100		14	73	38	46	12·0														
24/6	2364	9·3	67		10	43	23	35	9·8	38		15000	0·3		0·7	100	0	8	92			25	0·25
25/6	2539	9·2	6·9		7	48	25	30	9·0	13·4		13000	0·1		0·25	360	0	6	94			22·5	0·25
26/6	3528	9·2	63		7	40	26	31	9·4	21·1		17000	0·1		0·23	180	0	6	94			22·5	0·1
27/6	4005	9·2	65		10	35	23	34	9·8	16·0		19000	0·2		0·5	400	0	6	94			22·5	TR
28/6	4199	9·3	63		8	34	21	25	9·1	15·4		17000	0·1		0·25	760	0	7	93			25	TR
29/6	4476	9·0	48		6	23	16	23	11·0	10·6		17500	1·0		1·8	100	0	5	95			25	TR
30/6	4764	9·0	48		8	22	19	28	11·0	9·8		16500	1·4	3·1	2·9	100	0	6	94			25	TR
1/7																							
2/7	WAIT ON WEATHER —— NO MUD CHECKS RUN																						
3/7																							
4/7	4764	9·1	84		15	48	33	48	9·5	12·8		16500	0·35	—	1·65	160	0	6	94			25	TR
5/7	4858	9·1+	46		10	20	13	39	11·0	9·2		12000	1·3	2·1	2·7	100	0	7	93			27·5	TR
6/7	5160	9·1	46		10	20	12	43	10·5	7·6		11000	1·6	1·83	3·5	100	TR	7	93			28	TR
7/7	5295	9·2	43		10	18	11	37	10·5	6·9		9500	1·7	1·9	4·1	100	TR	7	93			27·5	TR
8/7	5772	9·2	48		14	20	8	28	11·0	5·8		11000	1·7	3·1	2·9	80	0	7	93			27·5	TR
9/7	5772	9·1	48		15	18	7	15	10·8	7·0		10000	1·0	1·2	2·7		0	7	93			27·5	TR
10/7	5772	9·1	49		16	19	8	16	10·8	7·0		10000	1·0	1·2	2·7		0	7	93			27·5	TR
11/7	5772	8·9	52		19	16	2	15	11·0	6·0		3500	1·7	2·6	3·1		0	4	96			20	0
12/7	6030	8·9	45		17	15	2	12	11·0	5·8		4000	1·6	2·5	3·1		0	4	96			17·5	TR
13/7	6062	8·9	48		17	16	2	13	11·0	5·6		4000	1·5	2·4	3·0	TR	0	4	96			17·5	TR
14/7	6470	8·9	45		15	15	2	12	11·0	5·7		4000	1·2	2·3	2·5	TR	0	4	96			17·5	TR
15/7	6504	8·9	48		17	17	2	12	11·0	5·8		4000	1·3	2·3	2·6	TR	0	4	96			17·5	TR
16/7	6504	8·9	48		17	17	2	12	11·0	5·8		4000	1·3	2·3	2·6	TR	0	4	96			17·5	TR
17/7	6504	8·9	48		17	17	2	12	11·0	5·8		4000	1·3	2·3	2·6	TR	0	4	96			17·5	TR
18/8	6504	8·9	48		17	17	2	12	11·0	5·8		4000	1·3	2·3	2·6	TR	0	4	96			17·5	TR

DATE SPUD: DATE T.D.: B.H.T.

THE ANALYSTS
Schlumberger

DAILY MUD PROPERTIES

3176889

DATE	DEPTH	WT.	VISCOSITY SEC.	VISCOSITY CPS.	CORR. 115 °F PV	CORR. 115 °F YP	GELS 0	GELS 10	pH BECK ☐ STRIP ☐	FLUID LOSS 100 PSI API	FLUID LOSS 500 PSI 200 °F HT-HP	CL ☒ CACL ☐ NACL ☐	ALKALINITY PF	ALKALINITY PM	ALKALINITY MF	CA ppm	RETORT % OIL	RETORT % SOL	RETORT % WATER	ACTIVITY As	ACTIVITY Am	# Bbl MBT	REMARKS SND
19/7	6504	8·9	49		17	18	2	12	11·0	6·0		4000	1·3	2·2	2·6	TR	0	4	96			19	TR
20/7	6722	8·9	50		19	15	4	22	10·8	6·0		4000	1·1	2·1	2·0	TR	0	4	96			20	TR
21/7	7142	9·0	51		23	19	4	21	11·5	6·0	22	4000	1·7	—	2·5	TR	0	3	97			20	TR
22/7	7142	9·0	51		23	19	4	21	11·5	6·0	22	4000	1·7	—	2·5	TR	0	3	97			20	TR
23/7	7142	9·0	51		23	19	4	21	11·5	6·0	22	4000	1·7	—	2·5	TR	0	3	97			20	TR
24/7	7179	8·9	45		15	13	3	15	11·0	6·3	20·8	5000	1·14	1·76	1·9	20	0	3	97			20	TR
25/7	7726	9·2	51		16	14	6	31	11·6	6·0	25	4200	1·37	1·8	2·34	TR	0	5	95			22·5	TR
26/7	7726	9·2	50		16	14	6	31	11·6	6·0	25	4200	1·37	1·8	2·34	TR	0	5	95			22·5	TR
27/7	7726	9·2	49		19	14	3	14	11·5	5·6	24	4300	0·98	1·24	1·85	TR	0	5	95			22·5	TR
28/7	8003	9·4+	56		20	20	5	29	10·9	5·8	19	3500	1·15	1·43	2·04	TR	0	7	93			26	TR
29/7	8003	9·4+	56		20	20	5	29	10·9	5·8	19	3500	1·15	1·43	2·04	TR	0	7	93			26	TR
30/7	8003	9·4+	56		20	20	5	29	10·9	5·8	19	3500	1·15	1·43	2·04	TR	0	7	93			26	TR
31/7	8003	9·4+	90		32	26	8	22	10·1	5·2	17·6	4200	0·81	0·95	1·81	32	0	7	93			26	TR
1/8	8050	9·6	57		22	21	9	31	10·4	5·3	17·8	4000	1·12	1·27	2·5	20	0	7	93			26	TR
2/8	8183	9·6	56		23	21	10	33	10·7	5·3	16·8	3600	1·37	1·55	2·8	TR	0	7	93			26	TR
3/8	8544	9·5+	59		25	21	9	32	10·5	5·6	19·0	2750	1·30	1·45	2·53	TR	0	7	93			26	0·4
4/8	8902	9·7+	53		23	16	8	25	10·8	5·2	18·4	2400	1·66	1·76	3·25	TR	0	8	92			27	0·25
5/8	8902	9·7+	53		23	16	8	25	10·8	5·2	18·4	2400	1·66	1·76	3·25	TR	0	8	92			27	0·25
6/8	8950	9·7+	56		24	26	13	35	10·1	5·6	19·2	2700	1·32	1·12	3·4	24	0	8	92			24	0·3
7/8	9298	9·6+	72		14	57	40	59	10·8	6·7	20·4	2700	2·24	2·52	4·99	TR	0	7	93			21	0·25
8/8	9515	9·6	50		14	32	22	33	11·0	7·7	19·8	2300	1·7	9·8	3·4	200	0	8	92			22	0·22
9/8	9777	9·5	47		15	10	5	18	11·4	8·6	28·0	2100	2·2	2·9	3·9	200	0	7	93			23	0·22
10/8	9978	9·6	42		22	16	8	24	11·1	5·7	21·6	1700	1·75	1·95	3·7	140	0	6	94			25	0·1
11/8	10138	9·5+	42		14	12	5	15	10·8	4·2	20·4	1300	1·65	1·90	3·2	20	0	6	94			25	0·1
12/8	10226	9·6	41		14	11	4	13	10·7	6·1	20·8	1200	1·45	1·72	3·0	100	0	6	94			23	0·2
13/8	10412	9·6+	44		20	19	7	25	10·8	5·3	20	1200	1·4	1·55	3·1	60	0	7	93			26	TR
14/8	10610	9·6	42		20	10	4	15	11·1	8·0	24	1200	1·2	1·55	2·4	10	0	6	94			27	0·2
15/8	10880	9·6	40		19	14	4	11	10·7	8·7	24·2	1200	0·9	1·2	1·9	40	0	7	93			25	0·1
16/8	10930	9·6	51		17	18	5	14	11·0	8·6	24·2	1400	1·08	1·8	2·3	40	0	7	93			26	TR
17/8	10972	9·6	44		16	16	4	16	11·0	8·6	24·2	1300	1·0	1·8	2·2	40	0	7	93			25	TR
18/8	10972	9·6	44		16	16	4	16	11·0	8·5	24·2	1300	1·0	1·8	2·2	40	0	7	93			25	TR

DATE SPUD: DATE T.D.: B.H.T.

THE ANALYSTS
Schlumberger

DAILY MUD PROPERTIES

3176690

DATE	DEPTH	WT.	VISCOSITY SEC.	VISCOSITY CPS.	CORR. 115 °F PV	CORR. 115 °F YP	GELS 0	GELS 10	pH BECK ☐ STRIP ☐	FLUID LOSS 100 PSI API	FLUID LOSS 500 PSI 200 °F HT-HP	CL ☒ CACL ☐ NACL ☐	ALKALINITY PF	ALKALINITY PM	ALKALINITY MF	CA ppm	RETORT % OIL	RETORT % SOL	RETORT % WATER	ACTIVITY As	ACTIVITY Am	# Bbl METH BLUE	REMARKS SND
19/8	10972	9·6	44		16	16	4	16	11·0	8·5	24·2	1300	1·0	1·3	2·2	40	0	7	93			25	
20/8	10972	9·6	47		18	15	5	16	12·2	5·8	21·2	1800	2·8	3·6	5·1	TR	0	6	94			28	
21/8	10974	9·6	50		19	16	4	23	11·0	8·8	23·8	1800	1·9	3·0	3·5	TR	0	7	93			25	
22/8	10974	9·6	44		16	10	2	7	11·0	9·0	——	1200	2·2	3·6	4·2	TR	0	8	92			25	
23/8	10981	9·8	40		15	8	2	5	12·1	7·6	——	1400	3·1	4·7	5·4	40	0	8	92			25	

DATE SPUD: DATE T.D.: B.H.T.

BIT RUN #4 SMITH SDS-C
DEPTH IN 411M JETS 3 x 16, 1 x 14

GENERAL ANALYSIS

Mud Weight (ppg)	9.0	Press Loss SURFACE	72	HHP SURF	1547
Yield Point	43	Press Loss STRING	1139	HHP BIT	832
Plastic Viscosity	10	Press Loss BIT	1456	% HHP BIT	53
Flow Rate (gpm)	980	Press Loss ANN	37	Jet Horsepower (hp/in²)	3.46
Power Law Index (n)	0.25	Total Press Loss	2705	Jet Impact Force	1941
Consistency Index(K)	11.2			Nozzle Velocity(f/sec)	425

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	1313	513	T	47	64	501	L	4.1
2	19.1	5	708	1313	513	T	113	70	501	L	10.8
3	19.1	5	309	2561	520	T	245	70	501	L	4.7
4	17.5	5	514	2561	520	T	409	85	502	L	8.8
5	17.5	8	369	2668	521	T	324	99	504	L	8.4

BIR RUN #5 SMITH SDS-C
DEPTH IN 729m JETS 3 x 16, 1 x 14

GENERAL ANALYSIS

Mud Weight (ppg)	92	Press Loss SURFACE	83	HHP SURF	70
Yield Point	40	Press Loss STRING	1024	HHP BIT	820
Plastic Viscosity	7	Press Loss BIT	1399	% HHP BIT	52
Flow Rate (gpm)	950	Press Loss ANN	57	Jet Horsepower (hp/in²)	3.4
Power Law Index (n)	0.2	Total Press Loss	2563	Jet Impact Force	2025
Consistency Index(K)	13.5			Nozzle Velocity(f/sec)	418

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	1273	486	T	42	62	477	L	4.3
2	19.1	5	1017	1273	486	T	146	68	477	L	11.1
3	17.5	5	1451	1273	486	T	209	83	478	L	3.8
4	17.5	5	458	2483	490	T	327	83	478	L	8.4
5	17.5	8	381	2587	491	T	300	96	479	L	8.6

BIT RUN # 6 SMITH SDT-C
DEPTH IN 1250m JETS 3 x 15, 1 x 13

GENERAL ANALYSIS

Mud Weight (ppg)	8.8	Press Loss SURFACE	58	HHP SURF	70
Yield Point	16	Press Loss STRING	488	HHP BIT	644
Plastic Viscosity	12	Press Loss BIT	834	% HHP BIT	61
Flow Rate (gpm)	750	Press Loss ANN	8	Jet Horsepower (hp/in²)	2
Power Law Index (n)	0.51	Total Press Loss	1389	Jet Impact Force	1233
Consistency Index(K)	1.13			Nozzle Velocity(f/sec)	387

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	1273	520	T	47	62	504	L	4.2
2	19.12	5	1017	1273	521	T	165	68	504	L	15.6
3	17.5	5	214	1273	521	T	35	82	505	L	3.7
4	17.5	5	458	2483	531	T	369	82	505	L	7.9
5	17.5	8	381	2587	531	T	339	96	507	L	8.7

BIT RUN #7 SMITH SDGHC
DEPTH IN 1452m JETS 3 x 15, 1 x 12

GENERAL ANALYSIS

Mud Weight (ppg)	8.8	Press Loss SURFACE	58	HHP SURF	70
Yield Point	16	Press Loss STRING	488	HHP BIT	643
Plastic Viscosity	12	Press Loss BIT	834	% HHP BIT	60
Flow Rate (gpm)	750	Press Loss ANN	8	Jet Horsepower (hp/in²)	2
Power Law Index (n)	0.51	Total Press Loss	1388	Jet Impact Force	1233
Consistency Index(K)	1.13			Nozzle Velocity(f/sec)	386

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	1072	270	T	38	52	245	L	1.0
2	19.12	5	1017	1072	270	T	133	57	246	L	3.7
3	17.5	5	2741	1072	270	T	359	69	247	L	11
4	17.5	5	458	2090	286	T	299	70	247	L	1.9
5	17.5	8	381	1279	287	T	274	81	251	L	2.1

BIT RUN #8 SMITH SDG-H
DEPTH IN 1591m JETS 2 x 16, 1 x 18

GENERAL ANALYSIS

Mud Weight (ppg)	9.2	Press Loss SURFACE	70	HHP SURF	62
Yield Point	18	Press Loss STRING	1146	HHP BIT	715
Plastic Viscosity	10	Press Loss BIT	1420	% HHP BIT	46
Flow Rate (gpm)	830	Press Loss ANN	39	Jet Horsepower (hp/in²)	2.3
Power Law Index (n)	0.44	Total Press Loss	2675	Jet Impact Force	1844
Consistency Index(K)	1.8			Nozzle Velocity(f/sec)	407

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	1113	335	T	35	54	323	L	1.8
2	19.12	5	1017	1113	335	T	123	-59	232	L	6.5
3	17.5	5	3030	1113	335	T	367	72	324	L	22
4	17.5	5	421	2169	342	T	253	72	324	L	3
5	17.5	8	555	2260	342	T	368	84	325	L	5

BIT RUN #9 SMITH SDG - H
DEPTH IN 1759m JETS 2 x 14, 1 x 13

GENERAL ANALYSIS

Mud Weight (ppg)	9.2	Press Loss SURFACE	39	HHP SURF	602
Yield Point	18	Press Loss STRING	668	HHP BIT	375
Plastic Viscosity	10	Press Loss BIT	742	% HHP BIT	66
Flow Rate (gpm)	600	Press Loss ANN	76	Jet Horsepower (hp/in²)	4.3
Power Law Index (n)	0.44	Total Press Loss	1525	Jet Impact Force	829
Consistency Index(K)	1.8			Nozzle Velocity(f/sec)	295

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	297	804	335	T	20	39	323	L	1.8
2	12.3	5	4553	804	335	T	302	115	328	L	56
3	12.3	5	422	1568	342	T	141	115	328	L	5.3
4	12.3	8	477	1634	342	T	205	166	335	L	12.3
5	12.2	8	79	1797	342	T	34	187	335	L	1.8

BIT RUN #10 SMITH F2
DEPTH IN 1847m JETS 2 x 14, 1 x 13

GENERAL ANALYSIS

Mud Weight (ppg)	9.2	Press Loss SURFACE	45	HHP SURF	602
Yield Point	18	Press Loss STRING	864	HHP BIT	455
Plastic Viscosity	10	Press Loss BIT	1934	% HHP BIT	75
Flow Rate (gpm)	650	Press Loss ANN	86	Jet Horsepower (hp/in²)	5.1
Power Law Index (n)	0.44	Total Press Loss	2911	Jet Impact Force	1500
Consistency Index(K)	1.8			Nozzle Velocity(f/sec)	496

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	297	871	335	T	23	42	323	L	1.8
2	12.35	5	5170	871	335	T	403	125	328	L	65
3	12.35	5	282	1699	342	T	109	125	328	L	3.6
4	12.25	5	142	1699	342	T	55	127	328	L	1.8
5	12.25	8	600	1770	342	T	256	185	335	L	14

BIT RUN #11 SMITH F2
DEPTH IN 1982m JETS 2 x 14, 1 x 13

GENERAL ANALYSIS

Mud Weight (ppg)	9.6	Press Loss SURFACE	48	HHP SURF	600
Yield Point	18	Press Loss STRING	1080	HHP BIT	512
Plastic Viscosity	24	Press Loss BIT	1700	% HHP BIT	67
Flow Rate (gpm)	597	Press Loss ANN	115	Jet Horsepower (hp/in²)	5.1
Power Law Index (n)	0.65	Total Press Loss	3000	Jet Impact Force	1340
Consistency Index(K)	0.8			Nozzle Velocity(f/sec)	443

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	798	380	T	24	38	349	L	2.0
2	12.3⅝	5	5457	798	380	T	447	114	362	L	83
3	12.25	5	1804	798	380	T	148	117	362	L	28
4	12.25	5	423	1555	398	T	172	117	362	L	6.5
5	12.25	8	615	1620	399	T	276	169	380	L	18

BIT RUN #12 STC F2
DEPTH IN 2355m JETS 2x14, 1x13

GENERAL ANALYSIS

Mud Weight (ppg)	9.7	Press Loss SURFACE	48	HHP SURF	602
Yield Point	26	Press Loss STRING	1104	HHP BIT	500
Plastic Viscosity	24	Press Loss BIT	1708	% HHP BIT	66
Flow Rate (gpm)	595	Press Loss ANN	174	Jet Horsepower (hp/in²)	5.2
Power Law Index (n)	0.57	Total Press Loss	3034	Jet Impact Force	1340
Consistency Index(K)	1.47			Nozzle Velocity(f/sec)	450

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	242	798	411	T	24	39	382	L	2.6
2	12.35	5	457	798	411	T	450	114	395	L	101
3	12.25	5	2228	798	411	T	184	117	395	L	42
4	12.25	5	423	1555	428	T	178	117	395	L	8
5	12.25	8	600	1620	429	T	272	169	412	L	21

BIT RUN #13 STC F2
DEPTH IN 2713m JETS 2x14, 1x13

GENERAL ANALYSIS

Mud Weight (ppg)	9.7	Press Loss SURFACE	48	HHP SURF	602
Yield Point	26	Press Loss STRING	1125	HHP BIT	439
Plastic Viscosity	24	Press Loss BIT	1726	% HHP BIT	62
Flow Rate (gpm)	600	Press Loss ANN	176	Jet Horsepower (hp/in²)	5.1
Power Law Index (n)	0.57	Total Press Loss	3080	Jet Impact Force	1338
Consistency Index(K)	1.47			Nozzle Velocity(f/sec)	447

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	811	414	T	24	39	384	L	2.5
2	1235	5	5457	811	434	T	460	116	397	L	101
3	12.25	5	2497	811	414	T	211	119	397	L	47
4	12.25	5	423	1581	431	T	177	119	397	L	7.9
5	12.25	8	600	1648	432	T	278	172	414	L	21

BIT RUN #14 STC F2
DEPTH IN 2901m JETS 2x14, 1x13

GENERAL ANALYSIS

Mud Weight (ppg)	9.7	Press Loss SURFACE	35	HHP SURF	745
Yield Point	32	Press Loss STRING	990	HHP BIT	508
Plastic Viscosity	14	Press Loss BIT	1605	% HHP BIT	60
Flow Rate (gpm)	584	Press Loss ANN	228	Jet Horsepower (hp/in²)	4.6
Power Law Index (n)	0.38	Total Press Loss	2870	Jet Impact Force	1262
Consistency Index(K)	4.22			Nozzle Velocity(f/sec)	430

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	767	438	T	20	37	421	L	3.1
2	12.35	5	5456	767	438	T	374	110	428	L	121
3	12.25	5	2862	767	438	T	196	112	428	L	65
4	12.25	5	422	1495	447	T	145	112	428	L	10
5	12.25	8	618	1558	448	T	232	163	438	L	25

BIT RUN #15 STC F3
DEPTH IN 3078m JETS 3x14

GENERAL ANALYSIS

Mud Weight (ppg)	9.6	Press Loss SURFACE	34	HHP SURF	923
Yield Point	11	Press Loss STRING	1100	HHP BIT	703
Plastic Viscosity	14	Press Loss BIT	1570	% HHP BIT	60
Flow Rate (gpm)	550	Press Loss ANN	85	Jet Horsepower (hp/in²)	4.7
Power Law Index (n)	0.64	Total Press Loss	2790	Jet Impact Force	1276
Consistency Index(K)	0.46			Nozzle Velocity(f/sec)	460

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	806	266	T	22	39	249	L	1.0
2	12.35	5	5456	806	266	T	409	116	256	L	43
3	12.25	5	3462	806	266	T	254	118	257	L	28
4	12.25	5	422	1571	276	T	157	118	257	L	3.4
5	12.25	8	618	1637	277	T	257	171	267	L	9.3

BIT RUN #16 STC F3
DEPTH IN 3173m JETS 3 x 14

GENERAL ANALYSIS

Mud Weight (ppg)	9.8	Press Loss SURFACE	35	HHP SURF	930
Yield Point	19	Press Loss STRING	1178	HHP BIT	540
Plastic Viscosity	14	Press Loss BIT	1511	% HHP BIT	58
Flow Rate (gpm)	570	Press Loss ANN	100	Jet Horsepower (hp/in²)	4.5
Power Law Index (n)	075	Total Press Loss	2900	Jet Impact Force	1245
Consistency Index(K)	0.55			Nozzle Velocity(f/sec)	422

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	790	306	T	22	38	283	L	1.3
2	12.39	5	5456	790	306	T	419	133	292	L	55
3	12.25	5	4097	790	306	T	315	115	293	L	42
4	12.25	5	422	1539	319	T	161	115	293	L	4.4
5	12.25	8	618	1604	320	T	260	168	306	L	12

BIT RUN #17 STC F3
DEPTH IN 3316m JETS 3x14

GENERAL ANALYSIS

Mud Weight (ppg)	9.6	Press Loss SURFACE	32	HHP SURF	899
Yield Point	18	Press Loss STRING	1095	HHP BIT	474
Plastic Viscosity	17	Press Loss BIT	1422	% HHP BIT	52
Flow Rate (gpm)	572	Press Loss ANN	145	Jet Horsepower (hp/in²)	4.03
Power Law Index (n)	0.57	Total Press Loss	2696	Jet Impact Force	1156
Consistency Index(K)	1.0			Nozzle Velocity(f/sec)	407

DETAILED ANALYSIS

				DRILL STRING				ANNULUS			
				VELOCITIES			PRESS	VELOCITIES			PRESS
SECTION	HOLE	PIPE	LENGTH	PIPE	CRITIC	R	LOSS	ANNULAR	CRITIC	R	LOSS
1	20	5	292	766	339	T	21	37	318	L	1.7
2	12.35	5	5456	766	339	T	388	-110	327	L	70
3	12.25	5	4152	766	339	T	296	112	327	L	54
4	12.25	5x3	422	1494	350	T	149	112	327	L	5.5
5	12.25	8	618	1557	351	T	241	162	339	L	14

DIRECTIONAL SURVEY DATA

DEPTH FT	DEPTH M	INCLINATION°	DIRECTION
1862	567.5	0.75	115
2364	720.5	0.5	120
2867	873.8	0.25	113
3368	1026.5	0.5	82
3871	1179.8	0.75	189
4101	1249.9	1.0	351
4593	1399.8	1.0	319
4764	1451.9	1.0	317
5750.6	1752.7	0.75	95
5820	1773.8	1.25	75
6009	1831.4	1.0	88
6103	1860.1	0.5	78
6197	1888.7	0.5	63
6291	1917.4	0.25	63
6385	1946.0	Vert	-
6479	1974.7	Vert	-
6573	2003.3	Vert	-
6668	2032.3	0.25	253
6762	2060.9	0.5	28
6856	2098.6	0.5	32
6950	2118.2	0.5	94
7044	2146.9	0.75	104
7138	2175.5	0.75	93
7232	2204.2	1.0	95
7327	2233.1	1.0	87
7421	2261.8	1.25	74
7515	2390.4	1.5	62
7609	2319.1	1.5	59
7703	2347.7	2.25	59
7797	2376.4	1.75	62
7892	2405.3	1.25	59
8080	2462.6	1.0	60
8174	2411.3	0.75	69

DIRECTIONAL SURVEY DATA

DEPTH FT	DEPTH M	INCLINATION°	DIRECTION
8268	2519.9	0.75	82
8362	2548.6	0.75	82
8455	2576.9	0.5	73
8551	2606.2	0.5	75
8645	2634.8	0.75	121
8739	2663.5	0.75	134
8833	2692.1	1.0	147
8927	2720.8	0.75	167
9021	2749.4	1.25	157
9116	2778.4	1.5	168
9210	2807.0	2.0	175
9304	2835.7	2.0	177
9398	2864.4	1.5	178
9492	2893.0	1.0	173
9586	2921.6	0.75	177
9680	2950.5	0.75	166
9775	2979.4	0.5	158
9869	3008.1	0.5	94
9963	3036.7	0.5	84
10057	3065.4	0.75	49
10151	3094.0	0.5	79
10245	3122.7	0.5	75
10433	3180.0	0.75	33
10527	3208.6	1.0	48
10622	3237.6	1.0	77
10810	3294.9	1.0	88
10904	3323.5	1.0	69
10967	3342.7	1.0	54

AMOCO SHOW REPORT

317707

A. Well : Yolla #1 (Bass Strait, Tasmania)

B. Quality and Type of Show : V. Good Oilshow, w/High Gas Peaks

C. Recommended Action(s) : Drill ahead, clock shows, log later if cont'd shows.

D. Show Interval : 1831 - 1838m

E. Show Interval Lithologic Summary

1. Sample Quality — Good with Obvious Demons Sloughing Contamination.
2. Rock Type
3. Rock Description(s)
   - a. Grain (Crystal) Size - F GN
   - b. Grain (Crystal) Shape - ANG-SUB ANG
   - c. Grain (Crystal) Sorting - PR SRTD
   - d. Grain Description (s) — GEN SILICA, W/MINOR GLAUC, TR MICA
   - e. Porosity Type (s) — Intergranular
   - f. Estimated Porosity — 25 - 30%
   - g. Grain Description (s) - Ang, frsted dom qtz
   - h. Matrix Description (s) - Minor, non-calc, lt tan cly
   - i. Rock Competency - Incompetant, Friable
   - j. Calcimetry - 2% $CaCO_3$, 1% $MgCa(CO_3)_2$
   - k. Cation Exchange Capacity - 1832m 2.3, 1838m 1.4

F. Drilling History :

1. Before Show (From 1800 to 1831m)

Drilling Rates M/HR — Corrected Drilling Exponent

Max.	50.7	Min.	0.87	(Lith.)
Min.		Max.	1.54	(Lith.)
Av.	17.8	Av.	1.21	(Lith.)

CLYST

2. During Show

Drilling Rates — Corrected Drilling Exponent

Max.	103.6	Min.	0.6	(Lith. SAND
Min.	8.2	Max.	1.37	(Lith. CLYST.
Av.	63.2	Av.	0.85	(Lith.

317708

3. Estimaed bit wear 0.3

G. Pressure Parameters (Flowline reference) :

1. MW(in) 9.0 MW(out) Before 9.0-9.1 During 8.9-9.0 After 9.0-9.1
2. Hydrostatic (Psi/PPG) - 2822 psi
3. Effective Circulation Density (PPG) - 9.25 ppg
4. Annular Flow Rate (GPM/Ft per min.) - 660 GPM 180 FT/MIN
5. Type of flow - LAMINAR
6. Annular Pressure Loss - 75.8 psi
7. Overburden Gradient (psi/PPG) - 0.548 psi/ft.
8. Effective Overburden Pressure (psi/PPG) - 3298 psi
9. Estimated Pore Pressure (psi/PPG) 8.68 ppg.
10. Formation Balance Gradient (EMD) (psi/PPG) 95 psi.
11. Gas-cut Mud :
    a. Incursion rate at reservoir pressure (gal/min)
    b. Gas flor rate at surface (gal/min.)
    c. Gas-cut MW(PPG)
    d. Decrease in bottom-hole pressure at reservoir (psi/PPG)

H. Gas Analyses :

1. Before Show (From 1800 to 1831)
    a. Total Gas ____ Max 7.1 Min. 0.64 Av. 3.5
    b. Normalized Total Gas ____ Max ____ Min ____ Av. ____
    c. Chromatography :

	Max (Depth) 1812	Min. Depth) 1825	Av.
C_1	(PPM) 29631	(PPM) 2512	(PPM) 21777
C_2	4320	675	4570
C_3	1600	175	1600
$_1C_4$	588	-	294
$_nC_4$	714	-	357
$_1C_5$	-	-	-
$_nC_5$	-	-	-

d. Gas plots - See attachments

e. Blender Mud

	Max (Depth)	Min. Depth)	Av.
	1820	1825	
C_1	(PPM) 3713	(PPM) 1285	(PPM) 2210
C_2	648	216	380
C_3	480	80	210
$1C_4$	116	-	80
nC_4	136	-	56
$1C_5$			
nC_5			

f. Gas plots - See attachments

g. Blender Cuttings (Unwashed/Washed) :

	Max (Depth)	Min. Depth)	Av. Depth
	1811	1825	1820
C_1	(PPM) 7500	(PPM) 643	(PPM) 3713
C_2	1424	378	648
C_3	880	1040	480
$1C_4$	-	236	116
nC_4	-	272	136
$1C_5$	-	120	-
nC_5			

h. Gas plots - See attachments

2. During Show Interval (From 1831 to 1838) M

a. Total Gas % Max 32.8 Min 4.4 Av. 18

b. Normalized Total Gas _____ Max _____ Min _____ Av. _____

MAX AT 1831 M

c. Chromatography :

	Max (Depth) 1833	Min. Depth) 1838	Av. Depth
C_1	(PPM) 137088	(PPM) 28203	(PPM) 74256
C_2	33480	4320	17820
C_3	13200	1920	6400
$1C_4$	882	60	470
nC_4	1428	71	571
$1C_5$			
nC_5	816	-	-

d. Gas plots - See attachments

e. Blender Mud :

	Max (Depth) 1829	Min. Depth) 1838	Av. Depth
C_1	(PPM) 10853	(PPM) 8211	(PPM)
C_2	1728	1566	
C_3	1200	1280	
$1C_4$	118	143	
nC_4	143	272	
$1C_5$	-	260	
nC_5	-		

f. Gas plots - See attachments

g. Blender Cuttings (Unwashed/washed)

	Max (Depth) 1833	Min. Depth) 1838	Av. Depth
C_1	(PPM) 1499	(PPM) 286	(PPM)
C_2	756	216	
C_3	3520	2560	
$1C_4$	1180	1357	
nC_4	1573	1716	
$1C_5$	816	544	
nC_5			

h. Gas plots - See attachments

3. Circulating mode gases :

a. First flow check gas - Max. units 350 7% 1812m

C_1	(PPM)	29631	(%)
C_2		4320	
C_3		1600	
$1C_4$		588	
nC_4		724	
$1C_5$			
nC_5			

b. Gas plot - See attachment

c. Second flow check gas - Max. units 325 6.5% 1817m

C_1	(PPM)	41055	(%)
C_2		5130	
C_3		1600	
$1C_4$		588	
nC_4		714	
$1C_5$			
nC_5			

d. Gas plot - See attachment

e. Separation Gas (CR 15'-20' above break, 15-20 min)

Max _____ Min. _____ Av. _____

Max. Chromatograph reading

C_1	(PPM)	(%)
C_2		
C_3		
$1C_4$		
nC_4		
$1C_5$		
nC_5		

f. Gas plot - See attachments

g. Fan bottom gas (5 min) Max. units _____

Max. Chromatograph reading

	(PPM)	(%)
C_1		
C_2		
C_3		
$_1C_4$		
$_nC_4$		
$_1C_5$		
$_nC_5$		

h. Gas plots - See attachment

i. Other gas anomallies (as needed)

4. After Show Interval (30 min or interval) :

a. Total Gas _____ Max. _____ Min. _____ Av. _____

b. Normalized Total Gas (if drilled) Max ___ Min ___ Av. ___

c. Chromatography

	Max. (Time/Depth)		Min.(Time/Depth)		Av.	
	(PPM)	%	(PPM)	%	(PPM)	%
C_1						
C_2						
C_3						
$_1C_4$						
$_nC_4$						
$_1C_5$						
$_nC_5$						

d. Gas plots - See attachments

e. Blender Mud :

	Max. (Time/Depth)		Min.(Time/Depth)		Av.	
	(PPM)	%	(PPM)	%	(PPM)	%
C_1						
C_2						
C_3						
$_1C_4$						
$_nC_4$						
$_1C_5$						
$_nC_5$						

f. Gas plots - See attachments

g. Blender Cuttings (Unwashed/Washed)

	Max. (Time/Depth)		Min.(Time/Depth)		Av.	
	(PPM)	%	(PPM)	%	(PPM)	%
C_1						
C_2						
C_3						
$_1C_4$						
$_nC_4$						
$_1C_5$						
$_nC_5$						

h. Gas plots - See attachments

I. Drilling Fluid Analyses

1. Type of fluid
2. Added nitrate content
3. Fitrate Chlorides - 0.1%/Mud conductivity

	Max	Min	Av.
Before	/	/	/
During	/	/	/
First flow check	/		
Second flow check	/		
Separation mode	/	/	/
Fan bottom mode	/		
After (30 min/ft)	/	/	/

Oil Analyses :

1. Blender analyses (color/fluorescence

	Mud	Cuttings
2. Before	NIL / NIL	NIL / NIL
3. During LT	BRN / Y/B	BRN / Y/B
4. 1st. flow check	N/A /	N/A /
5. 2nd. flow check	N/A /	N/A /
6. Separation mode	/	/
7. Fan bottom mode	/	/
8. After (30 min/ft)	/	/

I. Free Oil Analyses (Color/fluor/API °) :

(For modes : Before, During, 1st flow check, 2nd flow check, separation, Fan bottom and After)

1. Visible oil in possum belly (odor?) No visible oil, Moderate Odor.
2. Visible oil on shakers (odor?) Non visible, Moderate Odor, good in sieves
3. UV study of unwashed cuttings
   a. Degree of activity (Live, dead oil) B = NIL, D = LIVE 100%, COALESCE
   b. Fluorescence, API Gravity B = NIL, D = Yellowish/WH, 45
   c. Color in white light LT BRN
4. UV study of washed cuttings (mortar and pestle)
   a. Crushing under water B=Tr, D=LIVE 100% Yellowish/WH
   b. Bulk cutting, cleansing B=NIL,D. Good Even, WH/YEL FLUOR, LT BRN COLOUR
   c. Crush cutting, filtering CUT FROM TAN / GRN SST. CRUSH CUT CLR, BRIGHT, OPAQUE, YELLOWISH/WH FLUOR
5. Dimple plate studies :
   a. Mineral fluorescence B. TR DULL. D TR. DULL
   b. HCl digestion B. SL D. NIL
   c. Cleansing and crush cutting B.TR D. GD, Even Crsh Cut From Tan SST Fraction
6. Mortar and pestle study, selected fragments
7. UV study of 10, 60, 230 - mesh displays B, Minor Tr Wh Fluor, D Abnt, Yel/Wh Fluor Assoc with light grey sandstone, seen throughout.

J. Stain analyses :

1. Mineral fluorescence Nil
2. Color in white light (mega, micro) Even light brown colouring
3. Fluorescence Yellow/white
4. Distribution Even

K. Summaries

1. Porosity and permeability estimates 30% Ø, High K
2. Gas ratio analyses (Guides)
   a. Residual oil (1-2) In Core after flushing
   b. Oil of 20-45 API (2-6)- 45° at (4.83 average)
   c. Gas condensate (6-12) - Probable
   d. Dry gas (12-50)
   e. Very low permeability (50) - Only in 1' siliceously dolomitic sst.
   f. Wet reservoir (C_3 or C_4 C_2) - Does not appear wet.
3. Gas saturation estimation - High

4. **Oil saturation estimates** - High
5. **Oil gravity estimates** - High gravity (Approx 45?)
6. **Gas-water contact estimate** - Not observed
7. **Gas-oil contact estimate** - Not observed
8. **Oil water contact estimate**- Below
9. **Borehole conditions** - Good
10. **Overbalanced or underbalanced drilling (hydrostatic and ECD)**
11. **Flushing and "jetting lag" conditions** - Flushing high
12. **Drilled or incursion fluids** - Drilled only
13. **Borehole quality** - Good
14. **Quality and type of show** - Very good high gravity oil show with gas.
15. **Degree of confidence** - High
16. **Recommendation** - Drill ahead in lieu of coring since ss too friable for optimum recovery.

L. Comments

Very fn, totally friable sandstone with 30% visible porsity and apparent high permiability, resulting in high degree of flushing during coring. Even oil stain throughout all friable fragments.

W.F. Barrett/Amoco ("R.F.B.")

July 13th, 1985.

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HYDROCARBON RATIO ANALYSIS