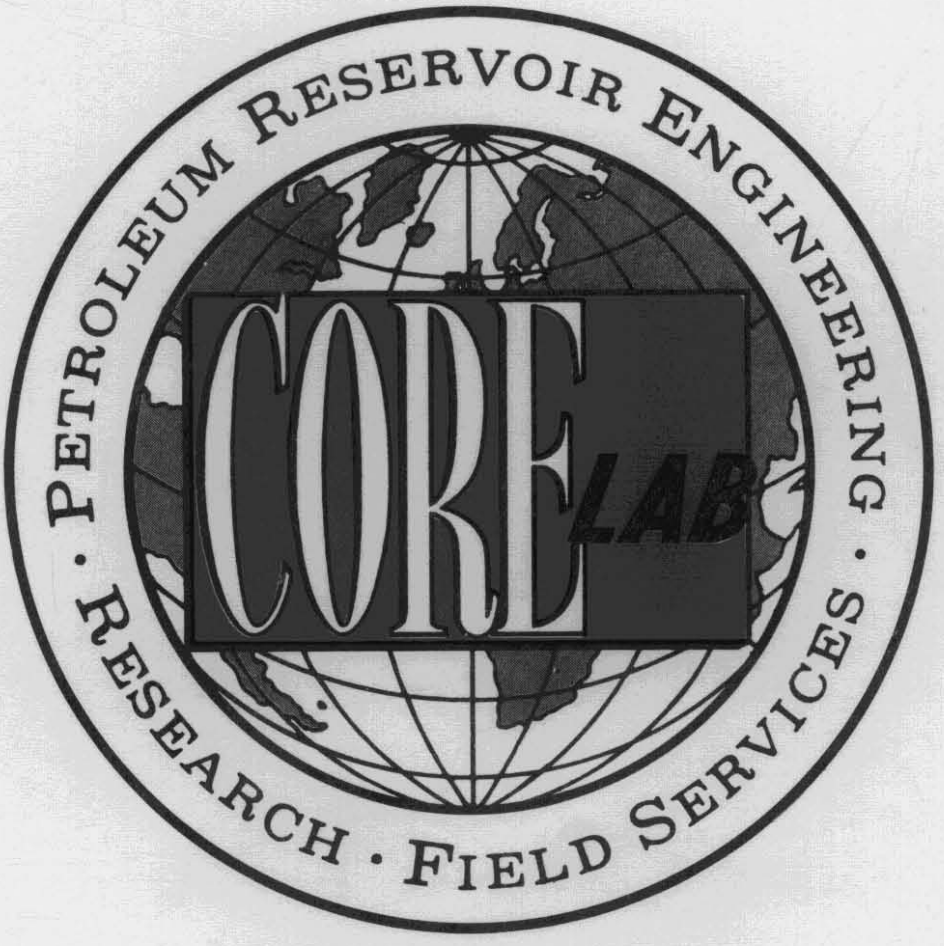
394001

EXTENDED SERVICE

HEMATITE PETROLEUM

PELICAN NO. 4

EXTENDED SERVICE WELL REPORT



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INTRODUCTION

PELICAN NO.4 was drilled by Hematite Petroleum in the Bass Basin of Bass Strait. The exploration well was drilled by Australian Odeco's semi-submersible drilling rig, Ocean Endeavour. The well was spudded in a water depth of 254 feet on the 17th of January 1979 with total depth of 10,009 feet being attained 12th of February 1979.

Well location co-ordinates are:- 40° 21' 39.92" S
145° 52' 15.22" E

A Core Laboratories Extended Service fully integrated computer unit was located on board the Ocean Endeavour to monitor all drilling parameters below the 20 inch casing depth. All computer data found within this report is stored on magnetic tape and can be retrieved at any time at the request of the client.

The Core Laboratories well-site crew consisted of:-

Unit Supervisor	-	Andy Pietsch
E.S. Engineers	-	Greg Holmes
	-	Lindsay Cullen
Consultant	-	Gene Jackman
Mudloggers	-	Gerry Ots
	-	Manuel Zapata
	-	Roy Smith

PELICAN NO. 4 WELL SUMMARY

Pelican No. 4 was spudded on the 17th January 1979 in 254 feet of water. A 26 inch hole was drilled from the mud-line to 813 feet using sea water, with returns to the sea floor.

20 inch casing was set at 759 feet, followed by B.O.P. and 20 inch marine riser emplacement.

A 17.75 inch hole was drilled from 813 feet to 2864 feet. The lithology over this section consisted of a soft to firm, fossiliferous limestone with interbeds of siltstone and claystone towards the base. Drilling rates were in excess of 800 feet per hour for the interval 813 - 1060 feet. Slower rates of 100 - 300 feet per hour below 1060 feet can be attributed to normal compaction trends with depth. There was zero gas over this section. At 2864 feet the following wireline log was run:-

ISF - BHC - CALIPER 2855 feet - 762 feet

A 13.275 inch casing string was set at 2798 feet and drilling continued with a 12.25 inch bit. At 2820 feet a pressure integrity test to a mud weight equivalent of 13.85 ppg failed to break down the formation.

Lithology from 2864 feet to 3225 feet was siltstone and limestone, which drilled at rates between 200 and 300 feet per hour with odd drilling breaks to 600 feet per hour. There was zero gas in this section. All parameters indicated that the well was being drilled in an over-balanced state. Drilling continued with a 9.3 ppg sea water gel mud. From 3225 feet to 5150 feet the lithology changed to an interbedded shale siltstone sequence which drilled at 100 - 200 feet per hour. Decreasing ROP's towards the base of this section are due to increasing sediment compaction and bit dulling. Gas over this inter-

val varied from zero to 1 unit (0-500 ppm methane). From 5150 feet to 5800 feet siltstone with minor interbeds of dolomite, shale and limestone dominated the lithology. Average drilling rate was 100 feet per hour with 0 - 1 unit of gas. All parameters indicated that the well was normally pressured up to this depth.

A fine to coarse grained white sandstone predominated from 5800 feet to 7100 feet. Interbeds of coal were common through this section with minor silts and shale. ROP's varied from 20 - 380 feet per hour and there was zero gas over this section. A further pressure integrity test was conducted below the 13.375 inch shoe prior to drilling ahead with bit # 5. An equivalent mud weight of 15.6 ppg failed to cause formation breakdown.

From 7100 feet to 8900 feet the lithology was essentially sandstone with interbedded coals and siltstones. Drilling rates were erratic, the siltstone averaging below 20 feet per hour while the sands and coal drilled from 30 - 60 feet per hour. Background gas over this interval was 1 - 5 units with peaks of 80 units from some coal beds. Mud weight was increased to 10 ppg in anticipation of overpressure below 9000 feet. The absence of connection gas, low trip gas, lack of cavings and low background gas indicated that the well was overbalanced during the drilling of this interval. An ISF-GR log was run from casing shoe to 8373 feet for correlation purposes.

From 8900 feet to 9325 feet background gas increased to 15 units peaking to 200 units from sand and coal beds. Increased gas readings in the sandstone towards the base of this section warranted the cutting of core # 1. It was cut over the following interval:-

CORE # 1 9325 feet to 9366.5 feet

A full description of the core can be found at the tail of the graphalog enclosed within this report. On-site core analysis results are also included in the rear of this report. D exponent and drilling porosity trend reversals combined with increasing trip and background gas and an increasing temperature gradient suggested that this interval was possibly overpressured towards the base. However the lack of a thick shale section combined with an excessive mud weight overbalance precluded the use of corrected D exponent and drilling porosity trend lines to accurately predict the magnitude of any overpressures in this section. After reaming out the core rat-hole and drilling ahead to 9412 feet the following wireline logs were run:-

CNL - FDC - GR	9412 - 5600 feet
ISF - BHC - MFSL - GR	9410 - 2792 feet
ISF - GR	9400 - 8200 feet
SIDE WALL CORES	

In addition 2 RFT runs and 4 FIT runs were made. The following results were obtained:-

RFT # 1	Sample @ 9265'	10752cc	water/filtrate
		125cc	condensate
		.09cft	gas
RFT # 2	Sample @ 9261'	9250cc	water/filtrate
		.03cft	gas
FIT # 1	Sample @ 8988'	13000cc	water/filtrate
		1500cc	oil (56°API @ 26°C)
		47.6cft	gas
FIT # 2	Sample @ 9164'	15700cc	water/filtrate
		0.3cft	gas
FIT # 3	Sample @ 9344'	700cc	filtrate
		0.3cft	gas
FIT # 4	Sample @ 9238'	20700cc	water/filtrate
		0.1cft	gas

Gas analysis on RFT #2 sample as follows:-

C1	240,000ppm
C2	78,000ppm
C3	35,750ppm
C4	8,420ppm
C5	1,700ppm
C6	115ppm

Pressure readings obtained from FRT and FIT runs are as follows:-

DEPTH	PSIG	DEPTH	PSIG
8445	3735.8	8876	3917.1
8467.5	3766.8	8970	4035.6
8511	3766.9	9081	4089.2
8592.5	3795.8	9238	4206.3
8672	3838.1	9261	4255.6
8777.8	3899.8	9265	4255.9
8832	3897.6	9376	4495.9

Pressures obtained indicated that the well was normally pressured to 9000 feet with increasing gradients below this depth. At 9376 feet the gradient was equivalent to a 9.21 ppg mud weight.

The major lithology from 9412 - 9663 feet consisted of a white, fine to medium grained sandstone. Average background gas over this interval was 170 units with C1 to C5 components present. A second core was cut over the interval:-

CORE #2 9663 feet - 9706 feet

A full core description can be found on the tail of the graphalog while on-site core analysis results are enclosed in the rear of this report. Mud weight was increased to 11 ppg even though all monitored parameters indicated that the well was being drilled in an overbalanced condition.

The core rat-hole was then reamed out to 12.25 inches and drilling continued to a total depth of 10,009 feet. The lithology over this interval was interbedded sandstone and

siltstone with occasional coal interbeds. Background gas of 160 units decreased to 30 units below 9750 feet. This can be attributed to slower drilling rates combined with a greater pressure overbalance caused by increasing the mud weight to 11.6 ppg.

The hole was then conditioned prior to running the following wireline logs:-

DLL	TD - 8350 feet
ISF-Sonic-MSFL-GR	TD - 9100 feet
FDC - CNL	TD - 9350 feet
Dip Meter	TD - 5000 feet
H-P Pressure tool w/RFT	
SIDE WALL CORES	

RFT # 3 gave the following from 9464 feet:-

11400 cc	water/filtrate
900 cc	condensate (49° API @ 20.5°C)
69.5cft	gas

Gas analysis of sample from RFT # 3 was as follows:-

C_1	403,200 ppm
C_2	103,630 ppm
C_3	59,830 ppm
C_4	12,934 ppm
C_5	1,940 ppm

Pressure readings were as follows:-

DEPTH	PSIG	DEPTH	PSIG	
9164	4268.7	9478	4409.2	
9174	4234.0	9500	4405.6	
9464	4396.5	9920	6154.6	(most likely hydrostatic pressure, mud weight being 1.6 ppg)
9476	4887.4	9922	6132.5	(as above)

6 ?

Pressures obtained from RFT #3 suggest a rapidly increasing pressure gradient from 9450 - 9922 feet. However, all measured and computed parameters failed to confirm this pressure gradient trend. Similarly, decreasing ROP's and gas after the mud weight was increased at 9750 feet confirm that the well was overbalanced rather than underbalanced as suggested by RFT #3 results. Thus the high pressure readings at 9920 - 9922 feet are most likely a reflection of hydrostatic head. From all collated and computed data it is estimated that the formation pressure below 9500 feet is approximately 0.51 psi/foot.

On completion of wireline logging the hole was plugged and abandoned.

CORE LABORATORIES EXTENDED SERVICE EQUIPMENT

A. MUDLOGGING

1 Hot Wire Gas Detector
1 Total FID Gas Chromatograph
1 FID Chromatograph
1 Carbon Dioxide Detector
1 Hydrogen Sulphide Detector
1 Cutting Gas Analyser
1 Shale Density Apparatus
1 Thermal Extractor (Steam Still)
1 U-V Light, Microscope and Other Geological Testing Equipment
6 Chart Recorders For All Drilling Parameters

B. CORE ANALYSING

1 Complete On-Site Core Analysis Equipment For Porosity, Permeability and Fluid Saturation Measurements.
1 Core Slabbing Saw

C. COMPUTER SYSTEM AND PERIPHERALS

2 Hewlett Packard 2100 Computers
2 Texas Instruments Keyboard-Send Receive Units
3 Computer Digital Displays
2 Hewlett Packard 7210A Plotters
4 Linc Tape Magnetic Recorders
1 Hewlett Packard HP65 Programmable Calculator

D. EXTERNAL SENSING APPARATUS INCLUDED

2 Mud Density Sensors
2 Mud Temperature Sensors
2 Mud Resistivity Sensors
1 Rotary Speed Sensor
1 Hookload Speed Sensor
1 Rotary Torque Sensor
1 Pump Pressure Sensor
1 Casing Pressure Sensor
1 Mud Flow Out Sensor
1 Gas Trap
1 Depth And Rate of Penetration Sensor
2 Pump Stroke Counters
3 Pit Level Sensors
1 Trip Tank Level Sensor
1 Six-Extension Intercom System

RIG DESCRIPTION

The Ocean Endeavour is a self-propelled octagonal shaped semi-submersible drilling rig, constructed for Ocean Drilling and Exploration Company by Transfield (WA) Pty. Ltd., Perth, Western Australia.

The unit is 320' long, 266' wide with 7,000 HP twin screw diesel electric propulsion. The hull consists of four parallel pontoons, each measuring 28' in diameter. Four 12" diameter and eight 24" diameter stabilising columns are connected to the four pontoons. The tops of the columns which support the main deck of the rig are 120' from the base of the pontoons. The unit has capabilities of drilling at 70' draft in water depths up to 1,000'. The Ocean Endeavour is designed to withstand waves up to 110' with 15 seconds periods, simultaneously with 3 knot current and 100 knot winds and still remain within the American Bureau of Shipping allowable stress levels.

RIG EQUIPMENT

1 Lee C. Moore 40' x 40' x 162' Cantilever Mast rated 1,400,000 API GNC.

1 Continental-Emsco C-3 Type 3 Drawworks grooved for 1.375" line, V-200 Parmac Hydromatic Brake, Emsco Catheads, Sandreel Assembly mounted on Drawworks, driven by three 1,000 HP DC Motors.

1 Continental-Emsco 37.5" Rotary Driven by 1,000 HP DC Motor with 2 speed transmission.

1 Continental-Emsco RA-60-6-1.375" Travelling Block, rated 650 ton.

1 Continental-Emsco 650 ton Swivel, L650.

1 Bryson-Jackson Hydrahook, rated 500 ton.

1 Lee C. Moore 6-60" Sheave Crown, 1-60" Fast Line Sheave.

1 Koomey Accumulator, 320 gallon, 3,000 psi W.P., with electric Master and Remote Panels.

1 18.75" 5,000 PSI Cameron BOP system with 600' 22" Vetco Marine Riser.

4 Riser Tensioners, 80,000 lbs. units.

1 Motion Compensator, Rucker 400,000 lbs.

2 Continental-Emsco FA-1300 Triplex Pumps, 6.5" X 12", driven by 1,300 HP DC Motor, each supercharged with a 5" x 6" Mission Centrifugal Pump.

1 Sub-Sea Television System.

2 Mission 6x 8R, H30 Centrifugal Mud Mix Pumps with 10.5" Impellers and 100 HP AC Motors.

3 Brandt double screen shale shakers.

10,000' 5" O.D. 19.5 lbs/ft., Grade E Drill Pipe.

5,000' 5" O.D. 19.5 lbs/ft., G-105 Drill Pipe.

30 8" O.D. Drill Collars.

24 6.5" O.D. Spiral Drill Collars.

2 Favco Cranes with 120' Booms, rated 40 tons at 30' radius and 23 tons at 90' radius.

1 Halliburton HT 400 Cement Unit, Pioneer T-16-4 Desilter, Pioneer T-10-6 Desander, PIT-O-Graph and Swaco Degasser.

8 Clarke Chapman 1 Drum Electric Anchor Windlasses, each with one 1,000 HP DC Motors, rated 440,000 lbs. pull.

8 30,000 lbs. LWT Anchors with 3,600' of 3" Steel Link Anchor Chain.

1 International Electric Corporation Offshore Technology Corporation, Adaptive Oceanography Data Reporting System for monitoring and recording, with Hole Position Indicator Recorder and Riser Angle Indicator Recorder.

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STORAGE CAPACITY

Fuel	-	6,972 bbls.
Drill Water	-	14,320 bbls.
Potable Water	-	385 bbls.
Dry Mud	-	140 s. tons
Bulk Mud & Cement	-	9,600 cu. ft.
Liquid Mud	-	1,344 bbls.

DESCRIPTION OF LOGS

Core Laboratories Extended Service Package includes sensors, recorders and computer facilities useful in the prediction and measurement of abnormal formation pressures and in obtaining rapid, effective and safe drilling. In addition to plots of variables important for pressure detection and drilling optimisation there are available wireline log interpretation programs for the wellsite geologist, well bore hydraulics (synthesis and analysis), well kill, bit nozzle selection, swab and surge created by drill pipe movement, drill bit performance programmes for the wellsite drilling supervisors. As there are two computer systems on board, these programmes can be run while the main computer system is in the real-time drilling mode.

The E.S. Logs include the following:

E.S. Drill Log - Scale 1:6000

Information plotted on this log includes rate of penetration, 'd' exponent corrected for mud weights, total mud gas as measured by the hot wire detector, shale density of drilled cuttings, casing depth, bit runs, dates and other relevant drilling information. Both rate of penetration and total gas are plotted on a linear scale and shale density on a semi-log scale. The 'd' exponent is the primary overpressure detection plot. Corrected 'd' exponent, 'dcs' is rate of penetration normalised for rotary speed, weight on bit per inch of diameter and mud weight. The modification of 'dcs' was first implemented by Rhem and McClendon, to compensate for increases in mud weight. This particular procedure involves multiplying the standard 'd' exponent value by the inverse ratio of the mud weight increase. A multiplier of nine (9) was originally used for convenience to return the

magnitude of the 'dcs' to a comparable value of its uncorrected state. In Core Lab's real-time drilling programmes a multiplier of ten (10) is used. An overlay is used on the 'dcs' to give a quantitative measurement of formation pore pressure. This method of pore pressure prediction is very accurate for homogenous shales but where the sandstone/siltstone ratio varies a great deal, inaccuracies may occur, consequently all other variables are considered in assigning a value to pore pressure.

E.S. Temperature Log

The three variables on the Core Laboratories E.S. temperature log are:-

1. Temperature differential between suction and flowline drilling fluids, is on the left of the E.S. log.
2. Flowline temperature is the middle plot.
3. The end to end normalised flowline temperature is on the right of the log.

The temperature differential plot or delta T plot emphasizes changes in flowline temperature caused by surface effects such as mud addition or cooling during trips. Accompanying the plot are notations identifying the causes for temperature irregularities. The flowline temperature plot illustrates the change in flowline temperature during a bit run. Each bit run is labelled and the temperatures are logged to correspond to mud circulated from the bottom as the foot was cut. There are also notations to explain accountable variations. The end to end normalised flowline temperature plot is the principle interpretive plot. The information from the other two plots are taken into account, normalised and plotted as one continuous bit run. The flowline temperature is normalised for an annular velocity of 100 ft./

minute and a hole of constant diameter. There is also a compensation for specific changes in temperature of the drilling fluid. This factor is obtained by the implications of changes in surface dissipation of heat. For example, if the flowline mud temperature at the surface is reduced by an established $30^{o}F$. then chemicals are added to the mud system, the temperature of the same quantity of mud is reduced only $15^{o}F$. for the same initial flowline temperature and the same pit volume then the specific heat has changed by a factor of two. In this manner the correction for chemicals added can be accounted for from bit run to bit run as long as initial conditions are kept constant, including the same initial suction pit temperature at the start of the bit run. Along with this plot are temperature from Schlumberger electric log runs, the time after circulation and depth. When two or more points are available, there is projected bottomhole temperature obtained using inverse time versus log temperature plots, when bottomhole temperature is the temperature corresponding to the logrithmic value at 1/Time = 0.

E.S. Pressure Log

Information plotted on this log includes formation pore pressure, E.C.D. (equivalent circulating density) and formation fracture pressure. The formation pore pressure plotted on this log is estimated from all formation pressure indicators. This is a conclusion log, therefore plotted data may well be modified on results from formation breakdown tests (PIT Tests), FIT's or DST's. The E.S. pressure log is the best estimation of downhole formation pressure conditions by the Core Lab wellsite E.S. Engineer, based upon all relevant well data processed throughout the well drilling operations. This log is plotted on linear graph paper at a vertical scale of 1:6,000 to coincide with all other E.S. logs.

E.S. Geoplot 1

This log includes rate of penetration, corrected 'd' exponent, drilling correlative porosity, formation fracture pressure, pore pressure and equivalent circulating density. It is plotted by the computer, either during the actual drilling of the hole or after TD, from the drilling data stored on magnetic tape. Once again this log is plotted on a 1:6,000 vertical scale. The horizontal dashed lines indicate the initation of a new bit run.

E.S. Geoplot 2

This log is similar to the Geoplot 1 in that it is computer plotted. However the following variables are plotted:- weight on bit, rotary speed, pump pressure and mud density in.

Grapholog

Scale 1:600, containing drilling rate, hot wire total gas, chromatographic analysis, percentage strip lithology, lithology descriptions and remarks column, casing points, individual bit runs, dates, mud data, deviation surveys and core descriptions.

Coregraph

Scale 1:60 containing lithology, permeability, porosity, Total Water, Oil saturation.

EXTENDED SERVICE PACKAGE

1. ONLINE REALTIME DRILLING PROGRAM

The following parameters are calculated and monitored whilst this program is in operation.

Depth
Corrected D exponent
Drilling porosity
Pore Pressure
Torque
Bit life
Pump pressure
Mud flowrate in
Mud density in
Equivalent circulating density
R.P.M. (Rotary)
Cumulative bit turns
Fracture gradient
Mud density out
Time of day
Maximum Hookload
Plastic viscosity
Yield point
Bit time for economics calculations
Off bottom indicator
Mud temperature in
Mud temperature out
Mud resistivity in
Mud resistivity out
Mud flowrate out
Rate of penetration
Current hookload
Hydrostatic pressure

Casing pressure
Annular pressure loss
Trip margin
Rock matrix strength
Rock strength
Cost per foot
Bit life remaining
Bearing life remaining
String pressure loss
Bit pressure loss
Jet velocity
Impact force at bit
Hydraulic horsepower
Pit level (suction)
Pit level (Return)
Gas (%)
Annular volume
Mud density at bit
Overall pump efficiency
Systems flow exponent
String volume
Mud flowrate in (At computed efficiency)
Slipset indicator

2. ONLINE PLOTTING CAPABILITY

Standard plot of: Depth, rate of penetration, corrected D exponent, drilling porosity, pore pressure, equivalent circulating density, fracture gradient, (plot scaled to suit requirements).

Option to plot any of the following parameters on a plot scaled to suit client requirements, whilst in the real-time mode.

Rate of penetration
Corrected d exponent
Drilling porosity
Pore pressure
Effective circulating density
Fracture gradient
PIT volume (Total)
Cost per unit depth
Pump pressure
Stroke rate pump one
Stroke rate pump two
Torque
R.P.M. (Rotary)
Mud in temperature
Mud out temperature
Mud density in
Mud density out
Weight on bit
Rock strength
Bit tooth height remaining
Bearing life remaining
String pressure loss
Bit pressure loss

Jet velocity
Impact force
Hydraulic horsepower
Rock matrix strength
Pressure loss in the annulus
Hookload
Casing pressure
Mud resistivity in
Mud resistivity out
Mud flowrate in
Mud flowrate out
Hydrostatic pressure
Equivalent circulating density - pore pressure (differential)
Fracture gradient - equivalent circulating density
Mud temperature out - mud temperature in
Mud density out - mud density in

3. ONLINE REALTIME COMPUTER PRINTOUTS (5 OPTIONS)

SELECTION 1: Depth, time, rate of penetration, weight on bit, rotary R.P.M., mud density in, equivalent circulation density, pore pressure, fracture gradient, drilling porosity, corrected d exponent.

SELECTION 2: Depth, time, computed rock strength, mud temperature in, mud temperature out, mud resistivity in, mud resistivity out, yeild point, plastic viscosity, mud volumn in, mud density in override value, number of records.

SELECTION 3: Depth, steps, cumulative hours, weight on bit, maximum hookload, current hookload, weight on bit override value, strokes per minute (1), strokes per minute (2), pump pressure, casing pressure, hydrostatic pressure.

SELECTION 4: Depth, rate of penetration, rotary, R.P.M. weight on bit, mud density in, strokes per minute (1), strokes per minute (2), mud volume in, pump pressure, plastic viscosity, yeild point, mud temperature in, mud temperature out, mud resistivity out.

SELECTION 5: (Wide carriage printer format): Depth, time, rate of penetration, weight on bit, rotary R.P.M., mud density in, mud density out, equivalent circulating density, mud temperature in, mud temperature out, pore pressure, fracture gradient, drilling porosity, corrected d exponent, cumulative hours, pump stroke (1), pump stroke rate (2), mud volume in, pump pressure, casing pressure, weight on bit override, mud density out override, computed rock strength, gas.

Additional support programs are available for use by wellsite engineers, geologists and the E.S. personnel.

These include:

The following log analysis programs.

SHALY - Determination of porosity, volume of clays and saturations of fluids in the pore space and densities of the hydrocarbons.

RWASW - Calculation of porosity, fluid saturations formation factor and apparent fluid resistivity.

FCALC - Computation of formation factor from porosity.

RATIO - Water saturation as calculated by the ratio method.

SWCALC - Water saturation as calculated by the Archie formula.

CNLFDC - Porosity as determined from the CNL and FDC logs.

RWCALC	-	Calculation of formation water resistivity from RXO and RT values.
SPRW	-	Calculation of formation water resistivity, effective water resistivity, salinity, formation temperature from the S.P. log.
C PLOT	-	Program to cross plot resistivity and porosity data.
POROS	-	Calculation of porosity and formation factor from acoustic or FDC logs.
ND PLOT	-	The Neutron density cross plot program.
SD PLOT	-	The sonic density cross plot program.
DP PLOT	-	Program to calculate clay porosity values from sonic response and bulk density inputs.
S LOG A	-	A four part similar model interpretation
S LOG B	-	program designed to be utilized where the
S LOG C	-	rock matrix is composed primarily of one mineral though may be clean or shaly. Model allows data entry bore hole corrections and preliminary calculations cross plots. Interpretation and data listing.
CDM	-	Dip program for calculation of dip magnitude and Azimuth and the degree of orientation of the resistivity anisotrophy.
HDT	-	Program for calculation of the dip magnitude and Azimuth.

HYDRAULICS SUPPORT PROGRAMS

HYDRIL	-	Hole hydraulics program
OPTBIT	-	Bit hydraulics optimization program
SWAB	-	Swab and surge pressure calculations
JET	-	Jet selection program

SUPPLEMENTAL PROGRAMS

KICK	- Well kill program
REDUC	- Reduction of hydrostatic head by gas cut mud
COST	- Bit economics program with break even analysis
FIT	- General curve FIT program
LAG	- Time and stroke lag computation program
TRIP	- Trip monitor program

394026

COST PER FOOT CHARTS

INTERVAL	.....	FEET
FOOTAGE	.....	FEET
BIT SIZE	.....	INCHES
JET SIZE	.....	32NDS
CONDITION	.....	TEETH/BEARING/GAUGE
COST	.....	DOLLARS PER FOOT (AUSTRALIAN)

HOURS AND BIT TURNS ARE THE ACTUAL HOURS AND TURNS ON BOTTOM.

CORE LAB **ESP**

COST PER FOOT GRAPH

394027

UNIT NO. FL 176 BIT NO. 2

COMPANY.	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	813' - 2864'

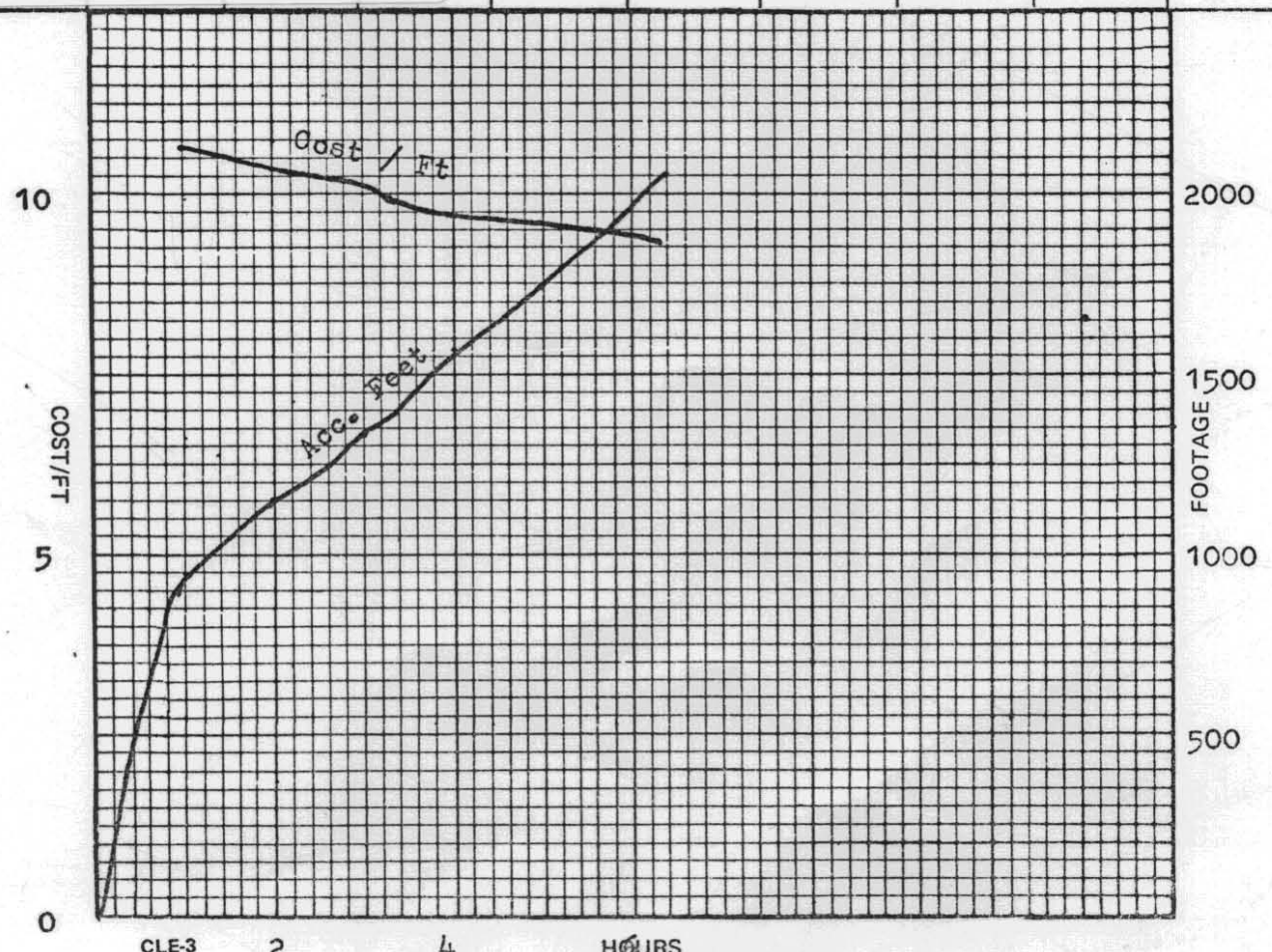
BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC OSC-3AJ	17½"	2051'	51000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$ 1582	3 x 20	6.4	1/1/I

RIG COST/HR. $ 1700

TRIP TIME 4

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	9000	1760	947	10.65					
2	17000	1940	1127	10.45					
3	24000	2150	1337	10.08					
4	32000	2370	1567	9.69					
5	40000	2560	1747	9.82					
6	47000	2775	1962	9.47					
6.4	51000	2864	2051	9.27					

5 cm



CLE-3

CORE LAB

COST PER FOOT GRAPH

394028

ESP

UNIT NO. FL 176 BIT NO. 3

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	2864 - 5142'

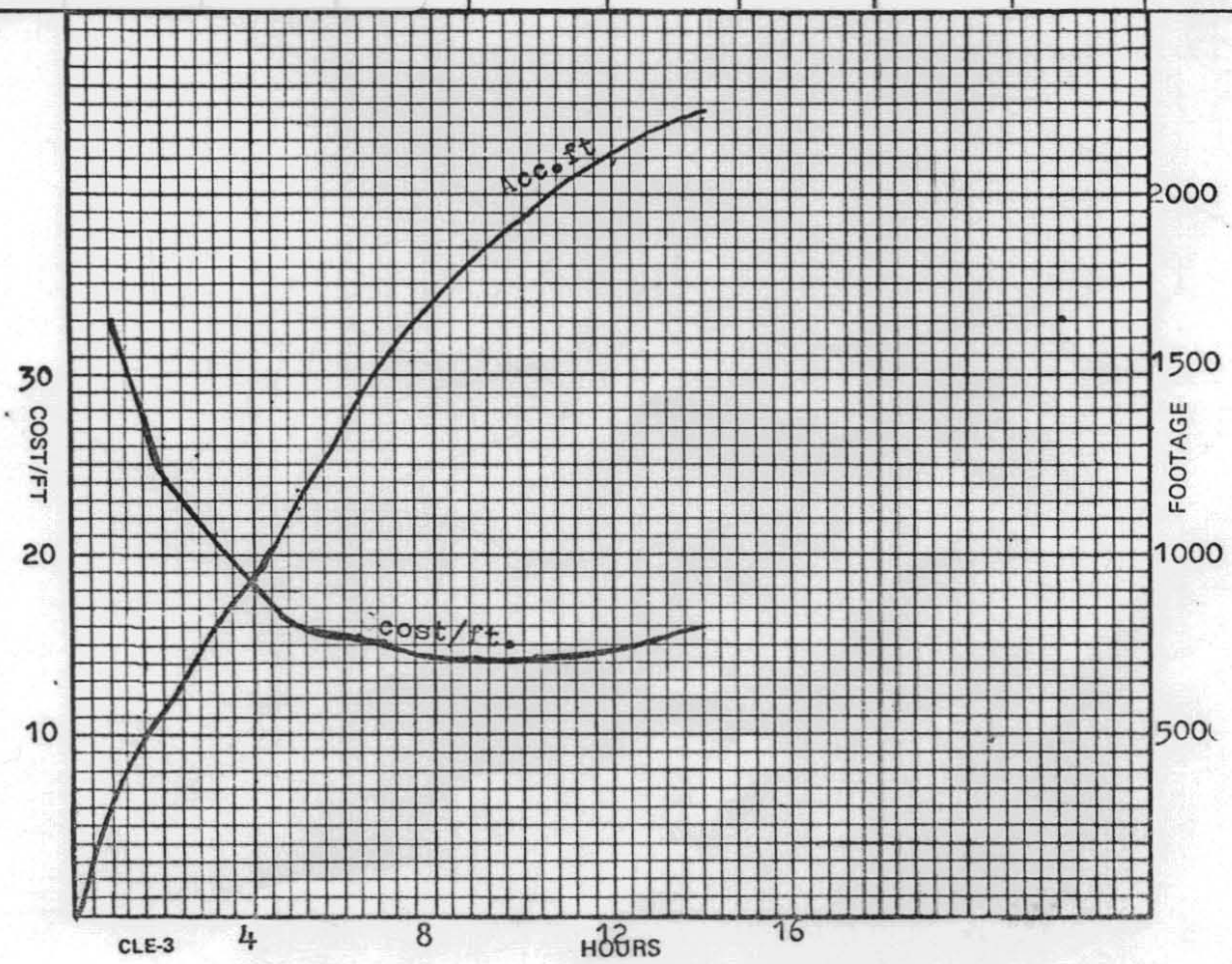
BIT	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC X3A	12.25"	2278'	149000
	COST	JETS	HOURS RUN	CONDITION
	$ 744	3 x 18	14.7	7/5/I

RIG COST/HR. $ 1700

TRIP TIME 6 hr.

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT..	COST FT.
1	9000	3240	376	33.63					
2	20000	3450	586	24.48					
3	30000	3620	756	21.22					
4	42000	3810	946	18.76					
5	51000	4040	1176	16.52					
6	60000	4235	1371	15.42					
7	69000	4385	1521	15.02					
8	82000	4550	1696	14.47					
9	91000	4680	1826	14.37					
10	101000	4780	1916	14.58					
11	112000	4896	2032	14.60					
12	121000	4960	2096	14.95					
13	131000	5030	2166	15.26					
14	140000	5083	2219	15.66					

5 cm



CLE-3

CORE LAB **ESP**

COST PER FOOT GRAPH

394029

UNIT NO. FL 176 BIT NO. 4

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	5142 - 6032'

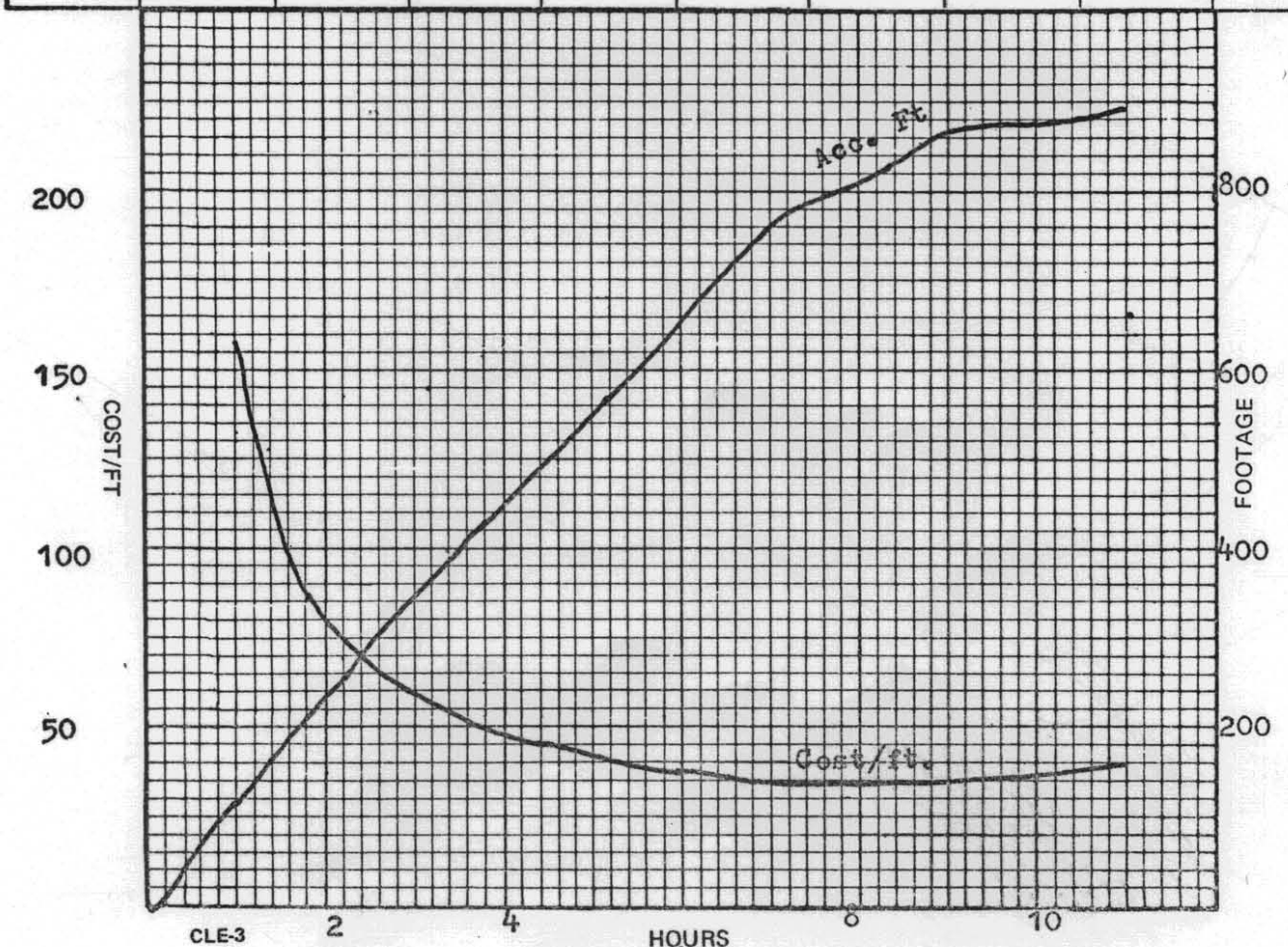
BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC X1G	12¼"	890'	99000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$ 744	3 x 18	11	8/8/0½

RIG COST/HR. $ 1700

TRIP TIME 8 hr

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	9000	5244	102	157.29					
2	18000	5380	238	76.55					
3	27000	5465	323	60.20					
4	36000	5574	432	48.94					
5	45000	5684	542	42.15					
6	55000	5790	648	37.88					
7	66000	5910	768	34.17					
8	74000	5945	803	34.8					
9	82000	6010	868	34.15					
10	90000	6020	878	35.70					
11	99000	6032	890	37.13					

5 cm



CORE LAB **ESP**

COST PER FOOT GRAPH

394030

UNIT NO. 176 BIT NO 5

COMPANY.	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	6032-6587'

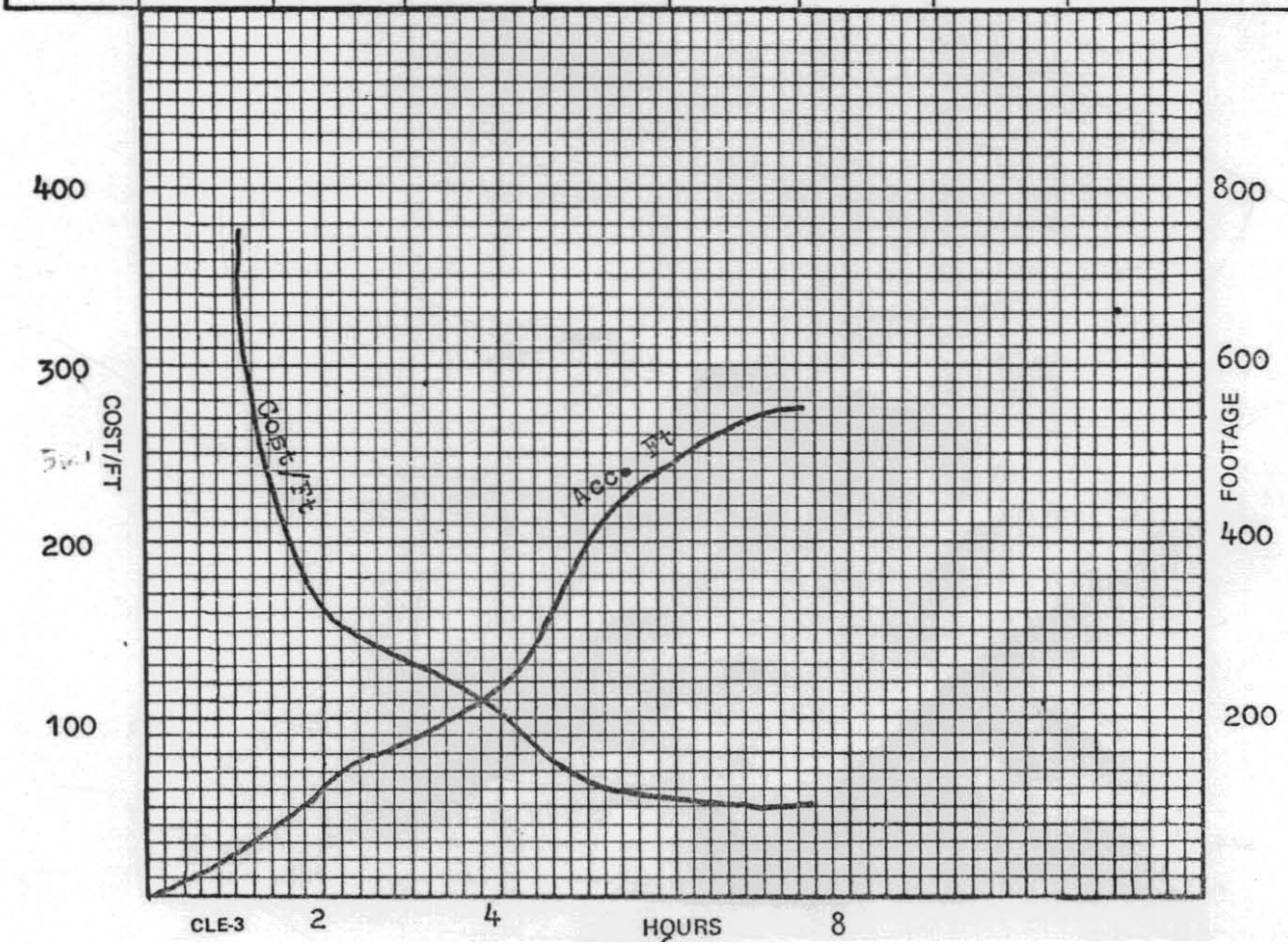
BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC XDG	12.25"	555'	61000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$800	3 x 18	7.5	7.5.1/8

RIG COST/HR. $1700

TRIP TIME 10

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	8000	6084	52	376.97					
2	16000	6167	135	157.03					
3	24000	6210	178	128.05					
4	32000	6270	238	103.36					
5	40000	6444	412	63.83					
6	48000	6527	495	56.57					
7	57000	6582	551	53.80					
7.5	61000	6587	555	54.94					

5 cm



CLE-3

CORE LAB

COST PER FOOT GRAPH

394031

ESP

UNIT NO. FL 176 BIT NO. 6

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	6587 - 7113'

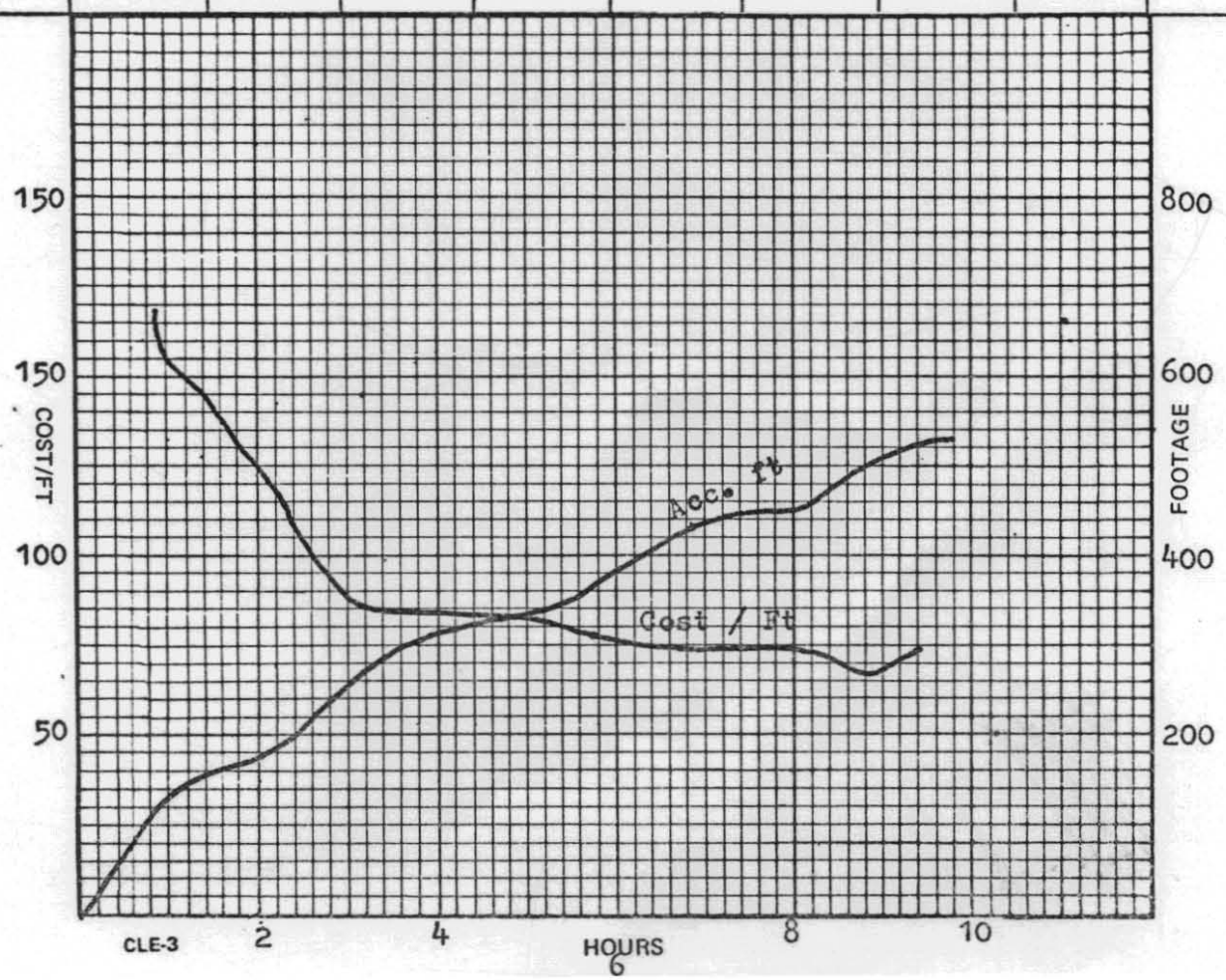
BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC XDG	12¼"	526'	75000
	COST	JETS	HOURS RUN	CONDITION
	$ 800	3 x 18	9.4	7/5/0 1/8

RIG COST/HR. $ 1700

TRIP TIME 11 hr.

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	7000	6721	134	158					
2	14000	6765	178	129					
3	23000	6856	269	88					
4	32000	6903	316	83					
5	41000	6920	333	84					
6	48000	6975	388	76					
7	56000	7035	448	70					
8	64000	7055	468	70					
9	72000	7105	518	64					
9.4	7500	7109	522	68					

5 cm



CORE LAB **ESP**

COST PER FOOT GRAPH

394032

UNIT NO. 176 BIT NO. 7

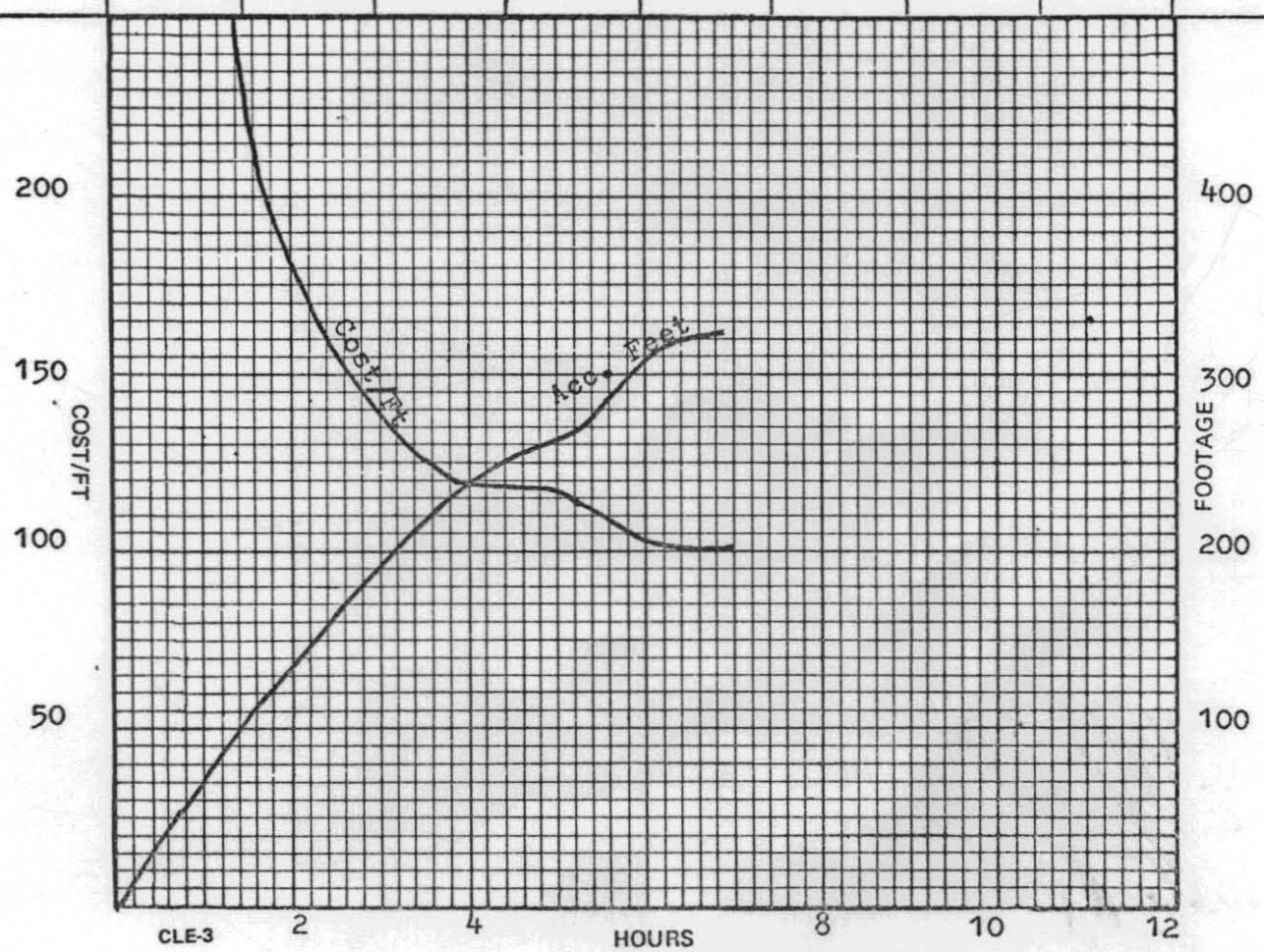
COMPANY.	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	7113-7435'

BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC XDG	12.25"	322'	57000
	COST	JETS	HOURS RUN	CONDITION
	$800	3 x 18	6.9	

RIG COST/HR.	$1700		
TRIP TIME	12		

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	8000	7185	72	318					
2	16000	7250	137	179					
3	26000	7305	192	137					
4	34000	7353	240	116					
5	42000	7383	260	114					
6	50000	7424	311	101					
6.9	57000	7435	322	102					

5 cm



CORE LAB **ESP**

COST PER FOOT GRAPH

394033

UNIT NO. FL 176 BIT NO. 8

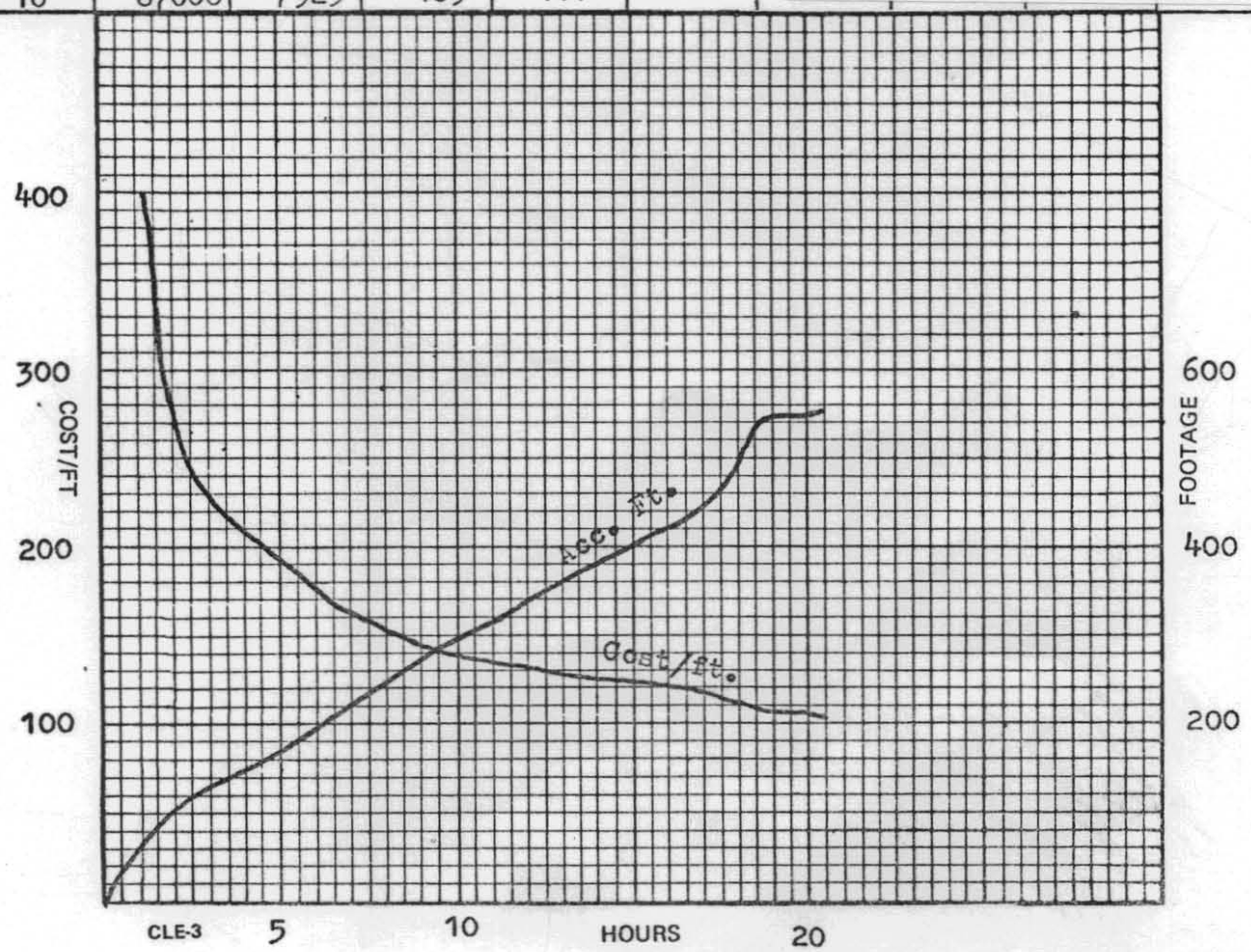
COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	7436 - 7996'

BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC J33	12¼"	560'	77000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$ 3581	3 x 18	20.3	6/8/0 1/8

RIG COST/HR.	$ 1700		
TRIP TIME	12		

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	3000	7493	57	450	19	71000	7975	539	104
2	6000	7539	103	266	20	74000	7995	559	105
3	10000	7567	131	222	20.3	77000	7996	560	104
4	13000	7582	146	211					
5	17000	7605	169	192					
6	21000	7629	193	177					
7	24000	7657	221	162					
8	28000	7680	244	155					
9	32000	7703	267	147					
10	36000	7728	292	140					
11	39000	7748	312	137					
12	43000	7773	337	131					
13	47000	7788	352	130					
14	51000	7814	378	126					
15	55000	7831	395	125					
16	59000	7854	418	122					
17	63000	7877	441	119					
18	67000	7925	489	111					

5 cm



CORE LAB **ESP**

COST PER FOOT GRAPH

394034

UNIT NO. 176 BIT NO. 9

COMPANY.	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	7996-8372'

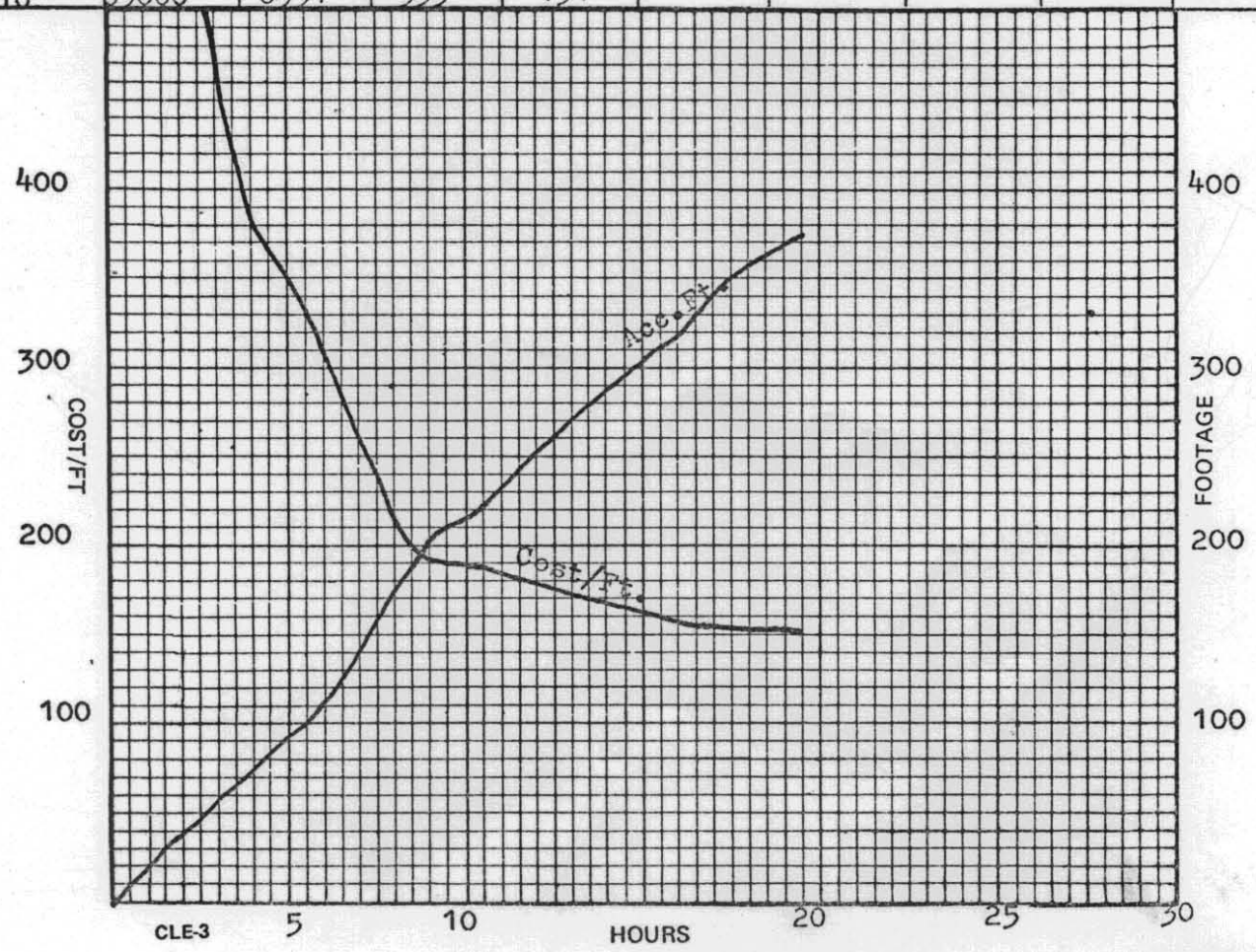
BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC J33	12.25"	378'	72000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$3581	3 x 18	19.6	1.4.I.

RIG COST/HR. $1700

TRIP TIME 12

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	3000	8019	23	1116	19	69000	8366	370	152
2	7000	8033	37	740	19.6	72000	8372	378	152
3	11000	8057	61	476					
4	15000	8075	79	389					
5	19000	8088	92	353					
6	23000	8106	110	310					
7	27000	8136	140	256					
8	30000	8173	177	212					
9	34000	8198	202	194					
10	37000	8210	214	191					
11	40000	8226	230	186					
12	44000	8249	253	175					
13	48000	8265	269	171					
14	52000	8283	287	166					
15	55000	8298	302	163					
16	58000	8315	319	160					
17	61000	8338	342	155					
18	65000	8351	355	154					

5 cm



CLE-3

CORE LAB **ESP**

COST PER FOOT GRAPH

394035

UNIT NO. FL-176 BIT NO. 10

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	8373-8940'

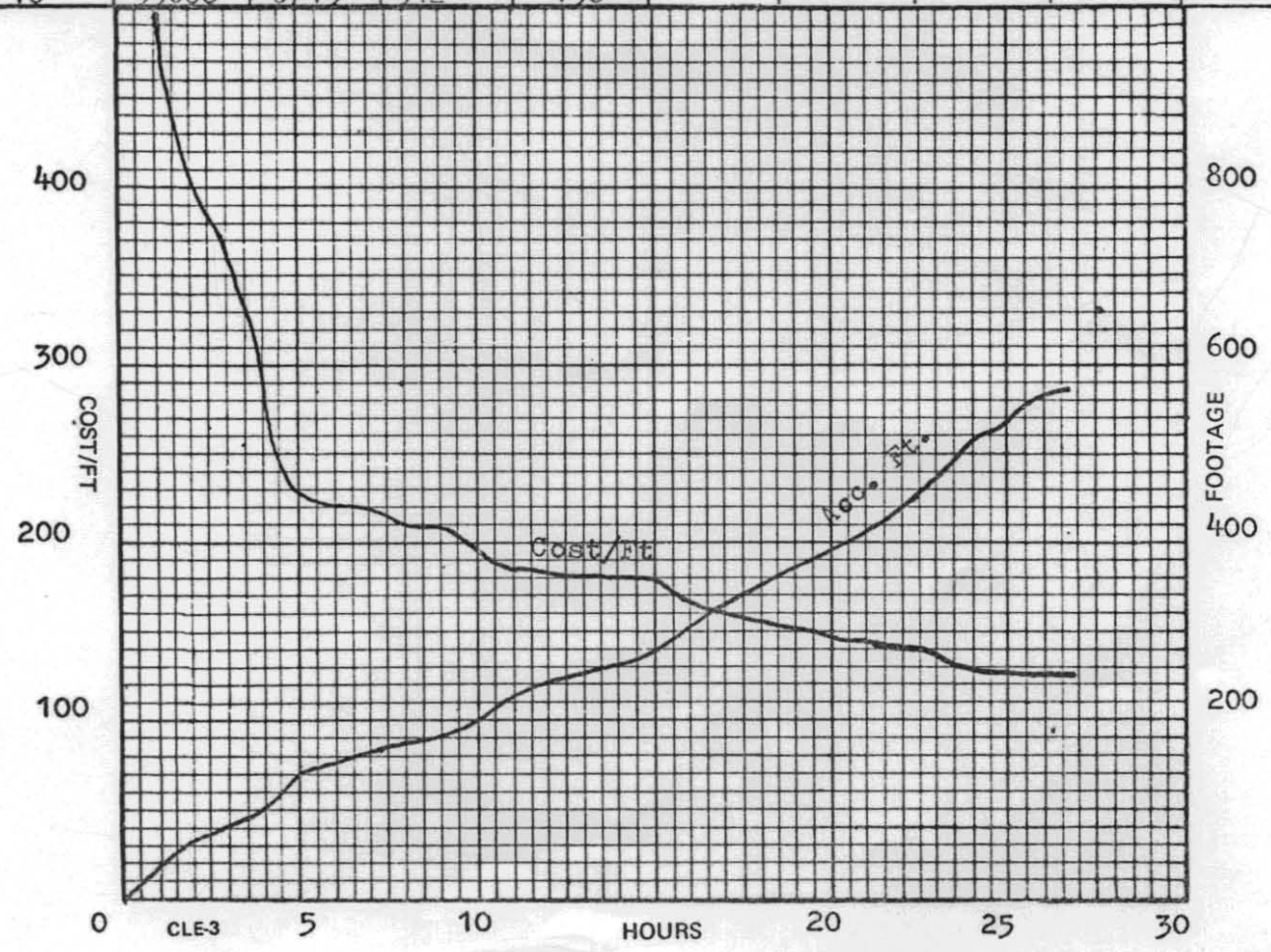
BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC J22	12.25"	567'	90000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$3581	3 x 18	27	2.3.0 1/16"

RIG COST/HR. $1700

TRIP TIME 12

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	3000	8408	35	733	19	62000	8738	365	154
2	5000	8440	67	408	20	66000	8764	391	148
3	8000	8453	80	364	21	69000	8781	408	146
4	11000	8480	107	287	22	73000	8805	432	142
5	15000	8516	143	227	23	76000	8835	462	136
6	19000	8526	153	224	24	79000	8888	515	125
7	22000	8536	163	220	25	83000	8905	532	125
8	25000	8549	176	213	26	87000	8933	560	122
9	28000	8560	187	210	27	90000	8940	567	122
10	31000	8580	207	198					
11	35000	8602	229	186					
12	38000	8615	242	183					
13	42000	8626	253	182					
14	45000	8638	265	180					
15	48000	8649	276	179					
16	51000	8675	302	169					
17	55000	8700	327	161					
18	59000	8715	342	156					

5 cm



CLE-3

CORE LAB

COST PER FOOT GRAPH

394036

ESP

UNIT NO. FL-176 BIT NO. 11

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	8940 - 9325'

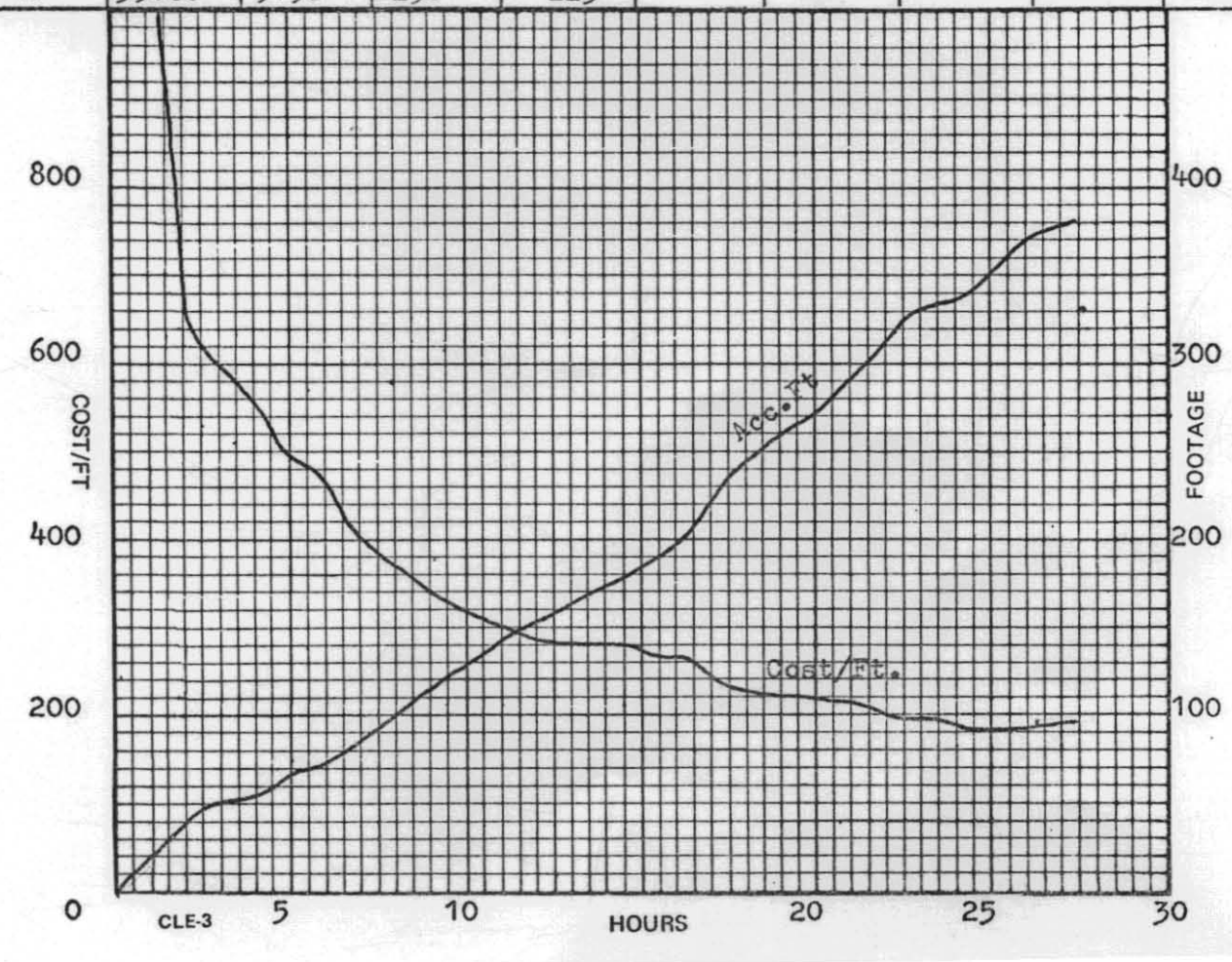
BIT	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC J22	12.25"	385'	93000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$3581	3 x 18	27.5	2.4.0 1/16"

RIG COST/HR. $1700

TRIP TIME 13hrs

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	3000	8960	20	1369	19	63000	9205	265	218
2	6000	8985	45	646	20	66000	9213	273	218
3	10000	8993	53	581	21	69000	9227	287	213
4	13000	8998	58	560	22	75000	9254	314	200
5	16000	9009	69	495	23	79000	9271	331	196
6	19000	9017	77	466	24	81000	9276	336	198
7	23000	9033	93	404	25	84000	9292	352	194
8	26000	9048	108	364	26	89000	9310	370	189
9	29000	9057	117	350	27	91000	9320	380	188
10	33000	9074	134	318	27.5	93000	9325	385	188
11	36000	9085	145	306					
12	40000	9095	155	297					
13	43000	9103	163	293					
14	46000	9114	174	284					
15	49000	9124	184	278					
16	53000	9132	192	275					
17	56000	9170	230	237					
18	59000	9190	250	225					

5 cm



CORE LAB **ESP**

COST PER FOOT GRAPH

394037

UNIT NO. 176 BIT NO. 12

COMPANY.	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	9366.5-9412'

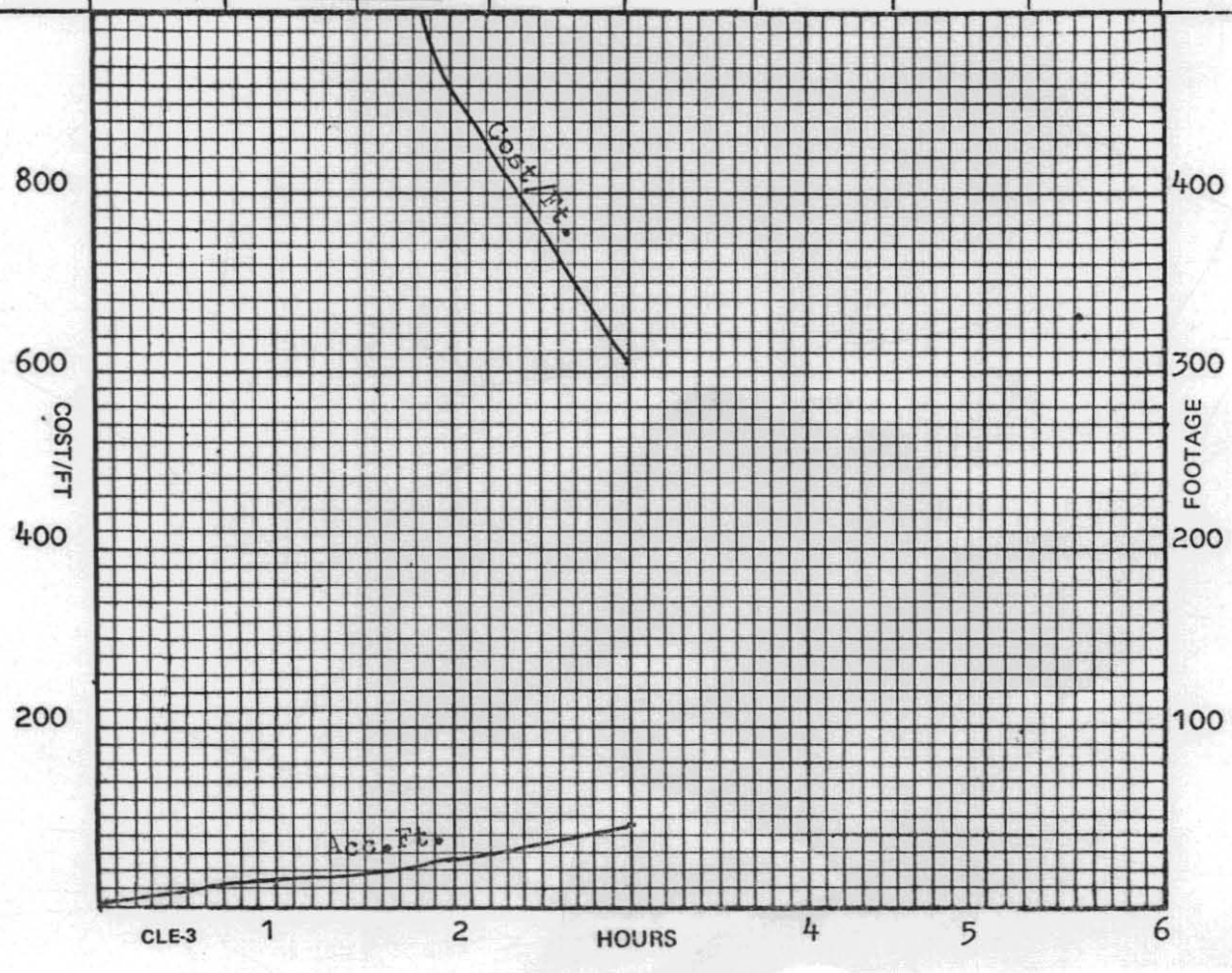
BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC XDV	12.25"	45.5'	21000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$744	3 x 18	3	2.2.I.

RIG COST/HR. $1700

TRIP TIME 13

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	6000	9380	13.5	1818					
2	13000	9395	28.5	920					
3	21000	9412	45.5	614					

5 cm



CLE-3

COST PER FOOT GRAPH

394038

CORE LAB **ESP**

UNIT NO. 176 BIT NO. 13

COMPANY.	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	9412 -9563

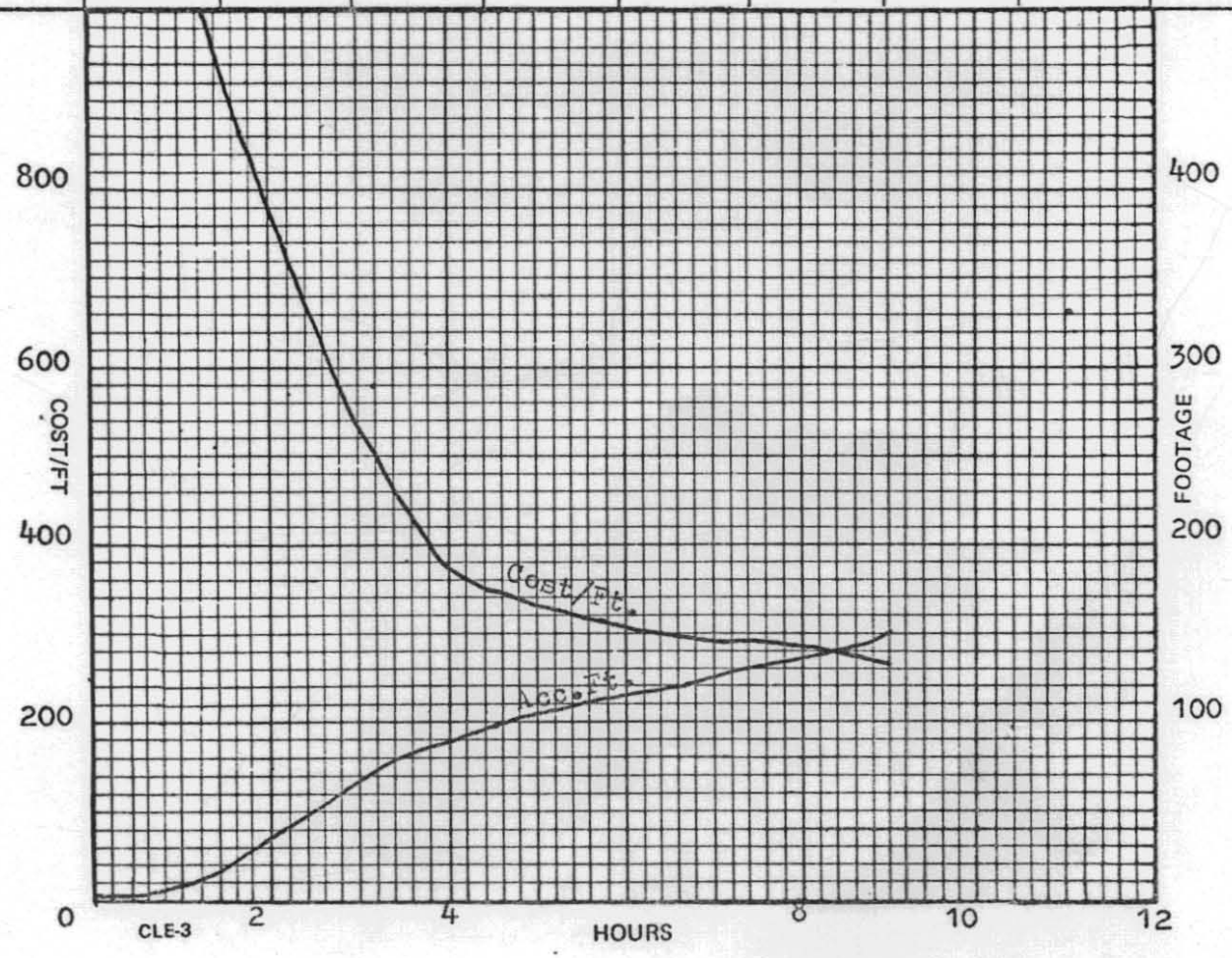
BIT.	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC J33	12.25"	151'	28000
	COST	JETS	HOURS RUN	CONDITION
	$3581	2 x 16;1 x 18	9	1.3.I.

RIG COST/HR. $1700

TRIP TIME 13

HRS	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	3000	9420	8	3422					
2	6000	9449	37	786					
3	9000	9471	59	521					
4	12000	9500	88	369					
5	15000	9513	101	338					
6	18000	9526	114	314					
7	21000	9538	126	298					
8	24000	9548	136	289					
9	28000	9563	151	271					

5 cm



CLE-3

CORE LAB **ESP**

COST PER FOOT GRAPH

394039

UNIT NO. FL 176 BIT NO. 14

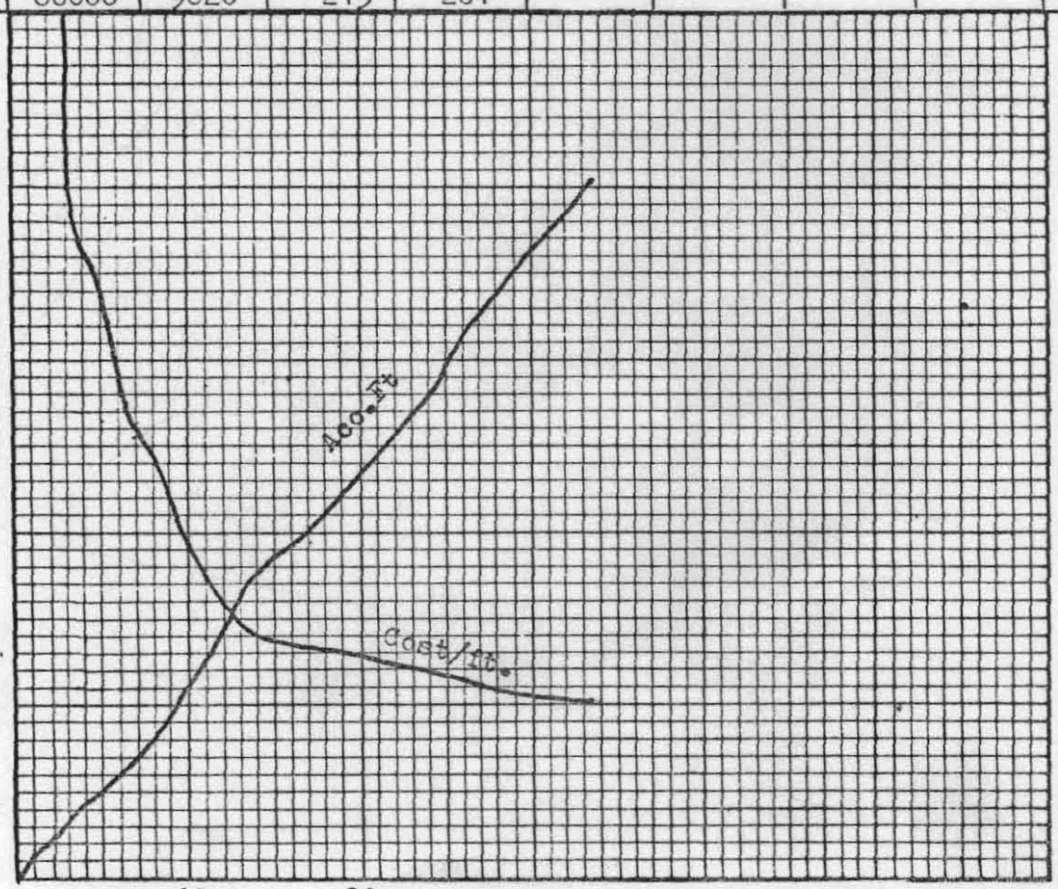
COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	9607 - 10009'

BIT	TYPE	SIZE	FOOTAGE	TOTAL REVS.
	HTC J33	12¼"	402'	131000
	COST	**JETS**	**HOURS RUN**	**CONDITION**
	$ 3581	16/18/18	33.4	2-3-0 1/16

RIG COST/HR. $ 1700

TRIP TIME 13 hr.

HRS.	BIT-TURNS	DEPTH	ACC FT.	COST/FT.	HRS	BIT-TURNS	DEPTH	ACC FT.	COST FT.
1	4000	9622	15	1825	19	71000	9828	221	262
2	8000	9630	23	1264	20	75000	9840	233	256
3	12000	9641	34	905	21	79000	9851	244	252
4	15000	9649	42	773	22	83000	9865	258	244
5	19000	9656	49	698	23	87000	9875	268	241
6	22000	9667	60	598	24	91000	9887	280	237
7	25000	9678	71	529	25	95000	9900	293	233
8	29000	9685	78	504	26	100000	9919	312	224
9	32000	9698	91	450	27	104000	9933	326	220
10	35000	9715	108	395	28	108000	9948	341	215
11	39000	9735	128	347	29	113000	9958	351	214
12	43000	9750	143	322	30	117000	9967	360	213
13	46000	9770	163	293	31	121000	9978	371	211
14	50000	9783	176	281	32	126000	9988	381	210
15	54000	9795	188	272	33	130000	10004	397	206
16	58000	9800	193	274	33.4	131000	10009	402	205
17	62000	9810	203	269		5 cm			
18	66000	9820	213	264					



CLE-3

394040

B I T D A T A

BIT INTERVAL	-	FEET
SIZE	-	INCHES
JETS	-	32'S OF AN INCH
BIT RUN	-	FEET
CONDITION	-	TEETH/BEARING/GAUGE
OD'S, ID'S	-	INCHES
LENGTH	-	FEET
DEPTH	-	FEET
WOB	-	1,000 POUNDS
PUMP RATE	-	STROKES PER MINUTE
FLOW RATE	-	GALLONS PER MINUTE
PUMP PRESSURE	-	POUNDS PER SQUARE INCH
MUD WEIGHT	-	POUNDS PER GALLON
PV	-	CENTIPOISE
YP	-	POUNDS PER 100 SQUARE FEET
TEMPERATURE	-	DEGREES CENTIGRADE
PRESSURES	-	POUNDS PER SQUARE INCH
IMPACT FORCE	-	FEET POUNDS PER SECOND^2
JET VELOCITY	-	FEET PER SECOND
ANN. VELOCITY	-	FEET PER MINUTE
ECD	-	POUNDS PER GALLON

CORE LAB **ESP**

BIT RUN DATA SHEET. 394041

UNIT NO. FL 176 RUN NO. 1 BIT NO. 1

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE-BHP	PELICAN #4	BASS BASIN	254' - 813'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	OSC-3AJ	559'	
	SIZE	JETS	HOURS RUN	CONDITION
	17½" w/26"h.o	3 x 20		

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
					HUNG AT.

DEPTH						
WOB						
RPM						
PUMP RATE						
FLOWRATE						
PUMP PRESS						
MW						
PV						
YP						
SAND %						
TEMP.						
Psurface						
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD						

REMARKS;

DRILL WITH SEA WATER , ALL CUTTINGS TO SEA FLOOR .

CORE LAB **ESP**

BIT RUN DATA SHEET.

394042

UNIT NO. FL 176 RUN NO. 2 BIT NO. 2

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	813' - 2864'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	OSC - 3AJ	2051'	510000
	SIZE	JETS	HOURS RUN	CONDITION
	17½"	3 x 20	6.4	1/1/I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.267"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	465.68'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	RISER	18.75"		L= 336'	HUNG AT.
	20"	19.124"		759'	

DEPTH	1000	2000				
WOB	0-10	15-20				
RPM	150	165				
PUMP RATE	60/97	90/92				
FLOW RATE	774	894				
PUMP PRESS	1580	2440				
MW	8.5	9.0				
PV	Sea	6				
YP	Water	18				
SAND %						
TEMP.	27	34				
Psurface	29	33				
Pstring	307	469				
Pbit	1239	1886				
Pannulus	2.9	11				
Ptotal	1580	2400				
HHP	264	464				
IMPACTFORCE	952	1414				
JET VEL	274	324				
DC/OH	64	95				
DP/OH		81				
DP/CSG	57	67				
ECD	8.7	9.2				

REMARKS;

Drill with seawater / gel

CORE LAB **ESP**

BIT RUN DATA SHEET. 394043

UNIT NO. FL 176 RUN NO. 3 BIT NO. 3

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	2864 - 5142'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	X3A	2278 '	149000
	SIZE 12.25"	JETS 3 x 18	HOURS RUN 14.7	CONDITION 7/5/I

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.267"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	571'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	RISER	18.75"		L= 336'	HUNG AT.
	20"	12.615"	K55	2798'	

DEPTH	3000	3500	4000	4500	5000	
WOB	30	35	25	35	35	
RPM	180	175	170	186	180	
PUMP RATE	101/108	109/90	100/98	100/109	88/93	
FLOWRATE	1025	982	973	890	890	
PUMP PRESS	2666	2487	2600	2540	2550	
MW	9.3	9.3	9.3	9.3	9.5	
PV	16	10	8	10	10	
YP	9	18	17	18	18	
SAND %	-	-	tr	tr	tr	
TEMP.	38	39	46	49	50	
Psurface	49	41	39	44	35	
Pstring	980	892	913	1146	965	
Pbit	1648	1504	1500	1302	1253	
Pannulus	17	40	30	45	54	
Ptotal	2724	2500	2482	2540	2307	
HHP	995	861	836	995	653	
IMPACTFORCE	2216	2014	1973	2216	1684	
JET VEL	444	423	419	444	383	
DC/OH	284	280	278	294	254	
DP/OH	-	193	160	202	175	
DP/CSG	189	180	150	189	163	
ECD	9.6	9.5	9.5	9.5	9.7	

REMARKS;

Drilled shoe at 2798' , conducted P.I.T at 680 p.s.i with 9.3 p.p.g mud, giving mud wt equivalent of 13.9 p.p.g.
Abundant sh & stst splinters across shakers, appear to be caved as opposed to heaved.

3940 44

BIT RUN DATA SHEET.

CORE LAB **ESP**

UNIT NO. FL 176 RUN NO. 4 BIT NO. 4

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	5142 - 6032'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	X1G	890'	99000
	SIZE	**JETS**	**HOURS RUN**	**CONDITION**
	12.25"	3 x 18	11.0	8/8/0½

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.267"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	8"	571'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	RISER	18.75"		L= 336'	HUNG AT.
	13 3/8"	12.615"	K55	2798'	

DEPTH	5600	6000				
WOB	50	45				
RPM	150	150				
PUMP RATE	90/95	100/92				
FLOWRATE	625	928				
PUMP PRESS	2700	3000				
MW	9.5	9.5				
PV	7	7				
YP	21	21				
SAND %	tr	tr				
TEMP.	56	54				
Psurface	35	36				
Pstring	1068	1133				
Pbit	1529	1650				
Pannulus	73	80				
Ptotal	2700	2900				
HHP	753	781				
IMPACTFORCE	1853	1899				
JET VEL	402	407				
DC/OH	267	269				
DP/OH	183	186				
DP/CSG	171	175				
ECD	9.7	9.7				

REMARKS;

P.I.T. at shoe with 9.5 ppg, 900 psi (15.6 ppg equiv.) leak-off.

CORE LAB **ESP**

BIT RUN DATA SHEET. 394645

UNIT NO. FL 176 RUN NO. 5 BIT NO. 5

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	6032 - 6587'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	XDG	555'	61000
	SIZE	JETS	HOURS RUN	CONDITION
	12¼"	3 x 18	7.5	7/5/01/8

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.267"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	664'.
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	RISER	18.75"		L= 336'	HUNG AT.
	13 3/8"	12.615"	K55	2798'	

DEPTH	6200	6570				
WOB	55	50				
RPM	150	145				
PUMP RATE	91/94	93/114				
FLOW RATE	913	1053				
PUMP PRESS	2949	3043				
MW	9.6	9.6				
PV	8	8				
YP	18	18				
SAND %	tr	tr				
TEMP.	53	61				
Psurface	38	49				
Pstring	1291	1706				
Pbit	1548	1205				
Pannulus	71	70				
Ptotal	2950	3030				
HHP	819	1233				
IMPACTFORCE	1967	2583				
JET VEL	411	471				
DC/OH	273	313				
DP/OH	188	215				
DP/CSG	175	201				
ECD	9.8	9.8				

REMARKS;

CORE LAB **ESP**

BIT RUN DATA SHEET. 394046

UNIT NO. FL 176 RUN NO. 6 BIT NO. 6

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	6587 - 7113'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	XDG	526'	75000
	SIZE	JETS	HOURS RUN	CONDITION
	12¼"	3 x 18	9.4	7/5/ 0 1/8

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.267"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	664'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	RISER	18.75"		L= 336'	HUNG AT.
	13 3/8"	12.615"	K55	2798'	

DEPTH	6740	6900	7100			
WOB	42	47	57			
RPM	132	140	128			
PUMP RATE	91/89	90/95	93/99			
FLOWRATE	718	916	916			
PUMP PRESS	2967	3091	3050			
MW	9.5	9.5	9.3			
PV	11	11	11			
YP	23	20	20			
SAND %	tr	tr	tr			
TEMP.	54	54	56			
Psurface	39	40	39			
Pstring	1372	1471	1447			
Pbit	1451	1476	1470			
Pannulus	87	101	91			
Ptotal	2966	3088	3047			
HHP	747	910	768			
IMPACTFORCE	1843	1946	1864			
JET VEL	400	411	407			
DC/OH	265	273	270			
DP/OH	182	178	186			
DP/CSG	171	175	173			
ECD	9.8	9.8	9.7			

REMARKS;

CORE LAB ESP

BIT RUN DATA SHEET. 394047

UNIT NO. 176 RUN NO. 7 BIT NO. 7

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	7113-7435'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	XDG	322'	57000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25"	3 x 18	6.9	7/4/0 1/8

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	664'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	RISER	18.75"		L=336'	HUNG AT.
	13 3/8"	12.614"	K55	2798'	

DEPTH	7250	7430				
WOB	49	55				
RPM	144	140				
PUMP RATE	88/89	92/85				
FLOWRATE	869	871				
PUMP PRESS	2930	2952				
MW	9.4	9.4				
PV	10	9				
YP	16	16				
SAND %	tr	tr				
TEMP. °C	57	57				
Psurface	40	35				
Pstring	1512	1349				
Pbit	1307	1491				
Pannulus	68	75				
Ptotal	2927	2950				
HHP	828	688				
IMPACTFORCE	1968	1739				
JET VEL	416	391				
DC/OH	276	260				
DP/OH	190	178				
DP/CSG	177	166				
ECD	9.6	9.6				

REMARKS;

CORE LAB **ESP**

BIT RUN DATA SHEET.

394048

UNIT NO. FL 176 RUN NO. 8 BIT NO. 8

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	7436 - 7996'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	J33	560'	77000
	SIZE	JETS	HOURS RUN	CONDITION
	12¼"	3 x 18	20.3	6/8/0 1/8

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.267"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	667'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	RISER	18.75"		L= 336'	HUNG AT.
	13 3/8"	12.615"	K55	2798'	

DEPTH	7575	7720	7821			
WOB	50	55	60			
RPM	60	70	65			
PUMP RATE	87/94	120	115			
FLOWRATE	932	635	600			
PUMP PRESS	2910	1150	1250			
MW	9.5	9.5	9.9			
PV	10	10	10			
YP	18	18	14			
SAND %	tr	tr	tr			
TEMP.	60.6	61	61			
Psurface	38	18	17			
Pstring	1489	732	696			
Pbit	1290	318	466			
Pannulus	87	78	69			
Ptotal	2908	1146	1248			
HHP	759	221	202			
IMPACTFORCE	1863	819	783			
JET VEL	403	267	255			
DC/OH	267	177	169			
DP/OH	184	121	107			
DP/CSG	172	113	116			
ECD	9.7	9.7	10.1			

REMARKS;

One pump only - 7718 - 7738'
7813 - 7815'

CORE LAB **ESP**

BIT RUN DATA SHEET.

394049

UNIT NO. 176 RUN NO. 9 BIT NO. 9

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	7996-8372'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	J33	376'	72000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25"	3 x 18	19.6	1.4.I.

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	667'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	13.375"	12.615"	K55	2798'	HUNG AT.

DEPTH	8023	8108	8203	8330		
WOB	60	60	62	60		
RPM	60	68	63	60		
PUMP RATE	93/77	85/85	83/82	84/84		
FLOWRATE	883	872	853	864		
PUMP PRESS	2985	3000	2880	2860		
MW	10	10	10	10		
PV	10	13	13	11		
YP	15	17	23	18		
SAND %	tr	tr	tr	tr		
TEMP.	63	63	63	65		
Psurface	33	35	35	34		
Pstring	1355	1440	1460	1405		
Pbit	1518	1435	1254	1322		
Pannulus	77	89	122	96		
Ptotal	2983	2999	2876	2857		
HHP	595	595	605	585		
IMPACTFORCE	1611	1611	1639	1592		
JET VEL	365	365	367	362		
DC/OH	242	242	244	240		
DP/OH	167	166	168	165		
DP/CSG	155	155	156	154		
ECD	10.2	10.2	10.3	10.2		

REMARKS;

CORE LAB **ESP**

BIT RUN DATA SHEET.

394050

UNIT NO. 176 RUN NO. 10 BIT NO. 10

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	8373 - 8940'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	J22	567'	90000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25"	3 x 18	27	2.3.0 1/16"

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	4.276"	
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	667'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	13.375"	12.615"	K55	2798'	

DEPTH	8500	8600	8710	8820	8935	
WOB	50	60	55	40	43	
RPM	55	47	55	60	67	
PUMP RATE	80/85	84/85	85/84	85/91	82/80	
FLOWRATE	804	832	810	872	794	
PUMP PRESS	2800	2900	2850	2880	2880	
MW	10	10	10	10	10	
PV	11	11	11	11	11	
YP	20	17	17	17	17	
SAND %	tr	tr	tr	tr	tr	
TEMP. °C	64	63	64	67	63	
Psurface	32	34	33	36	39	
Pstring	1367	1440	1428	1550	1386	
Pbit	1290	1330	1293	1207	1364	
Pannulus	108	94	94	95	97	
Ptotal	2801	2898	2850	2888	2880	
HHP	544	585	568	660	600	
IMPACTFORCE	1518	1592	1561	1727	1478	
JET VEL	354	363	358	378	348	
DC/OH	235	241	239	251	231	
DP/OH	161	166	164	173	158	
DP/CSG	150	154	153	160	148	
ECD	10.2	10.2	10.2	10.2	10.2	

REMARKS;

CORE LAB **ESP**

BIT RUN DATA SHEET.

394051

UNIT NO. 176 RUN NO. 11 BIT NO. 11

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	8940-9325'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	J22	385'	92000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25"	3 x 18	27.5	2.4.0.1/16"

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	4.276"	
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	664'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	13.375"	12.615"	K55	2798'	

DEPTH	8966	9135	9235			
WOB	42	42	40			
RPM	55	55	60			
PUMP RATE	75/73	82/80	77/74			
FLOWRATE	738	822	755			
PUMP PRESS	2500	2960	2950			
MW	10.2	10.2	10.5			
PV	12	12	12			
YP	18	17	17			
SAND %	tr	tr	tr			
TEMP. °C	60	61	65			
Psurface	27	32	29			
Pstring	1209	1321	1313			
Pbit	1158	1406	1505			
Pannulus	103	99	100			
Ptotal	2500	2960	2947			
HHP	400	525	438			
IMPACTFORCE	1245	1492	1334			
JET VEL	317	348	324			
DC/OH	208	231	215			
DP/OH	143	158	148			
DP/CSG	133	148	138			
ECD	10.3	10.3	10.7			

REMARKS;

CORE LAB ESP

BIT RUN DATA SHEET.

394052

UNIT NO. FL-176 RUN NO. 12 BIT NO NCB 1

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	9325-9366.5

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIS.	C 20	41.5'	18000
	SIZE	JETS	HOURS RUN	CONDITION
	8.47"	EQUIV. 0.46"	5	10% worn

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.81"	93'
	HW DRILL COLLARS	8"	3"	538'

CASING & LINER	OD	ID	GRADE	SET AT	
	13.375"	12.615"	k55	2798'	HUNG AT.

DEPTH						
WOB						
RPM						
PUMP RATE						
FLOWRATE						
PUMP PRESS						
MW						
PV						
YP						
SAND %						
TEMP.						
Psurface						
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD						

REMARKS;

POOH at 9325' to cut Core # 1

CORE # 1 9325 - 9366.5'
Cut 41.5' Rec. 41.5'
100% Recovery

CORE LAB **ESP**

BIT RUN DATA SHEET.

394053

UNIT NO. 176 RUN NO. 13 BIT NO. 12

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	9366.5-9412'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	XDV	45.5'	21000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25"	3 x 18	3	2.2.I.

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	4.276"	
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	667'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	13.375"	12.615"	K55	2798'	

DEPTH	9380						
WOB	60						
RPM	120						
PUMP RATE	79/81						
FLOWRATE	802						
PUMP PRESS	3000						
MW	10.5						
PV	13						
YP	16						
SAND %	tr						
TEMP. °C	59						
Psurface	33						
Pstring	1492						
Pbit	1377						
Pannulus	96						
Ptotal	2998						
HHP	516						
IMPACTFORCE	1490						
JET VEL	342						
DC/OH	227						
DP/OH	157						
DP/CSG	146						
ECD	10.7						

REMARKS;

Ream out Core#1 rat-hole and drill additional 45.5' of new hole.

BIT RUN DATA SHEET.

394054

CORE LAB **ESP**

UNIT NO. 176 RUN NO. 14 BIT NO. 13

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN # 4	BASS BASIN	9412 - 9563'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	J33	151'	28000
	SIZE	JETS	HOURS RUN	CONDITION
	12.25"	2 x 16;1 x 18	9	1.3.I.

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	
	DRILL PIPE	5"	4.276"	LENGTH
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	664'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	13.375"	12.615"	K55	2798'	HUNG AT.

DEPTH	9420'	9515				
WOB	36	40				
RPM	53	52				
PUMP RATE	67/81	115				
FLOW RATE	839	561				
PUMP PRESS	2980	1830				
MW	10.5	10.7				
PV	14	14				
YP	19	19				
SAND %	tr	tr				
TEMP.	50	55				
Psurface	29	19				
Pstring	1320	862				
Pbit	1515	767				
Pannulus	114	178				
Ptotal	2978	1826				
HHP	580	280				
IMPACTFORCE	1500	975				
JET VEL	370	305				
DC/OH	210	164				
DP/OH	145	113				
DP/CSG	135	105				
ECD	10.6	10.9				

REMARKS;

One pump down 9503 - 9538'

POOH to cut Core # 2

CORE LAB **ESP**

BIT RUN DATA SHEET.

394055

UNIT NO. 176 RUN NO.15 BIT NORRCB#1

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE PETR.	PELICAN#4	BASS BASIN	9563-9606'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	CHRIS	C 20	43'	25000
	SIZE	JETS	HOURS RUN	CONDITION
	8.47"	EQUIV 0.46"	3.7	15% wear

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	3"	
	HW DRILL PIPE			
	DRILL COLLARS	6.5"	2.81"	93'
	HW DRILL COLLARS	8"	3"	567'

CASING & LINER	OD	ID	GRADE	SET AT	HUNG AT.
	13.375"	12.615"	K55	2798'	

DEPTH	9570					
WOB	27					
RPM	106					
PUMP RATE	65					
FLOWRATE	310					
PUMP PRESS	1120					
MW	11.0					
PV	13					
YP	14					
SAND %	tr					
TEMP. °C	56					
Psurface						
Pstring						
Pbit						
Pannulus						
Ptotal						
HHP						
IMPACTFORCE						
JET VEL						
DC/OH						
DP/OH						
DP/CSG						
ECD	12.2					

REMARKS;

Cut Core # 2
43' cut Rec.43'
Interval 9563 - 9606'

BIT RUN DATA SHEET. 394056

CORE LAB **ESP**

UNIT NO. FL 176 RUN NO. 16 BIT NO. 14

COMPANY	WELL	LOCATION	INTERVAL
HEMATITE	PELICAN #4	BASS BASIN	9607' - 10009'

BIT	MAKE	TYPE	BIT RUN	TOTAL REVS
	HTC	J33	402'	131000
	SIZE	JETS	HOURS RUN	CONDITION
	12¼"	16/18/18	33.4	2-3-0 1/16

DRILL STRING & BOTTOM HOLE ASSEMBLY		OD	ID	LENGTH
	DRILL PIPE	5"	4.276"	
	HW DRILL PIPE			
	DRILL COLLARS	8"	3"	664'
	HW DRILL COLLARS			

CASING & LINER	OD	ID	GRADE	SET AT	
	RISER	18.75"		L = 336'	HUNG AT.
	13 3/8"	2.615"	K 55	2798'	

DEPTH	9620	9670	9720	9770	9860	9930
WOB	43	50	50	45	51	52
RPM	70	60	65	60	68	78
PUMP RATE	74/75	70/80	72/80	68/78	75/73	66/89
FLOW RATE	750	739	722	667	735	773
PUMP PRESS	3018	2990	2950	2950	3050	3110
MW	11.0	11.0	11.3	11.6	11.6	11.6
PV	13	13	13	13	14	14
YP	14	13	15	15	16	16
SAND %	tr	tr	tr	tr	tr	tr
TEMP. C°	57	57	57.7	57.6	63	58.9
Psurface	30	30	31	31	31	34
Pstring	1389	1396	1479	1474	1482	1638
Pbit	1510	1469	1353	1350	1471	1333
Pannulus	87	103	93	92	64	92
Ptotal	3018	2990	2950	2950	3050	3110
HHP	620	600	580	550	525	569
IMPACTFORCE	1600	1600	1600	1600	1518	1623
JET VEL	380	378	370	364	341	346
DC/OH	212	212	216	213	210	222
DP/OH	145	145	148	148	121	153
DP/CSG	136	136	137	137	114	142
ECD	11.1	11.1	11.5	11.8	11.8	11.8

REMARKS;

Ream Core #2 rat-hole, four hours reaming to bottom.

394057

MUD DATA

VARIABLE		UNITS
DEPTH	.....	FEET
MUD WEIGHT	.....	POUNDS PER GALLON
FUNNEL VISCOSITY	.....	A.P.I. SECONDS
PLASTIC VISCOSITY	.....	CENTIPOISE
YIELD POINT	.....	LBS./100 SQ. FT.
GEL: INITIAL/10 MIN	.....	LBS./100 SQ. FT.
FILTRATE	.....	CC./30 MINUTES
CAKE THICKNESS	.....	THIRTY SECONDS OF AN INCH
SALINITY	.....	PPM
SOLIDS/SAND/OIL	.....	PERCENTAGE

394058

CORE LAB **ESP**

MUD INFORMATION DATA SHEET

UNIT NO. FL 176 SHEET NO. 1

COMPANY	WELL	LOCATION
HEMATITE	PELICAN # 4	BASS BASIN

DEPTH	1720	2862	2880	3270	3670	4322	4960
DATE	20/1/79	20/1	22/1	22/1	22/1	23/1	23/1
TIME	00.00	14.00	10.00	14.00	18.00	00.00	18.00
WEIGHT	8.9	9.1	9.3	9.3	9.3	9.3	9.5
FUNNEL VISCOSITY	37	43	38	38	38	45	46
PLASTIC VISCOSITY	6	8	8	8	8	10	10
YIELD POINT	18	14	12	17	17	18	17
GEL INITIAL/10 MIN	3/12	5/10	2/3	6/16	6/16	6/18	6/15
pH	10.0	10.0	10.0	10.6	10.6	10.5	10.0
FILTRATE	N/C	20.4	18.8	22.4	22.4	17.2	17.6
CAKE	-	3	3	3	3	3	3
SALINITY Cl^-	19000	19000	19000	19000	19000	19500	19000
SOLIDS/SAND/OIL	5/4/-	6/tr/-	-	6/tr/-	6/tr/-	6/tr/-	8/tr/-

REMARKS:

DEPTH	5206	5820	6587	6962	7351	7463	7549
DATE	24/1	24/1	25/1	26/1	27/1	27/1	27/1
TIME	00.00	9.00	12.00	4.50	00.00	12.30	15.00
WEIGHT	9.5	9.5	9.5	9.4	9.3	9.4	9.4
FUNNEL VISCOSITY	45	42	45	40	44	44	42
PLASTIC VISCOSITY	6	8	7	11	10	10	10
YIELD POINT	21	18	16	20	16	12	16
GEL INITIAL/10 MIN	7/19	5/12	11/32	5/28	7/30	8/40	9/35
pH	10.2	10.8	12	10.7	11.4	10.7	10.8
FILTRATE	17	14.8	9	9	9	22	21
CAKE	3	3	3	3	3	3	3
SALINITY Cl^-	19500	19000	18100	18100	18100	18000	18000
SOLIDS/SAND/OIL	8/tr/-	7/tr/-	7/tr/-	9/tr/-	7/tr/-	7/tr/-	7/tr/-

REMARKS:

394059

CORE LAB

MUD INFORMATION DATA SHEET

ESP

UNIT NO. FL 176 SHEET NO.2

COMPANY	WELL	LOCATION
HEMATITE	PELICAN #4	BASS BASIN

DEPTH	7645	7787	8019	8150	8306	8465	8533
DATE	27/1	28/1	29/1	29/1	29/1	30/1	31/1
TIME	20.30	03.45	0515	1220	2130	2315	0400
WEIGHT	9.5	9.5	9.9	10.0	9.9	10.0	10.0
FUNNEL VISCOSITY	44	45	57	58	60	60	47
PLASTIC VISCOSITY	11	10	13	13	11	11	11
YIELD POINT	16	14	17	23	18	20	17
GEL INITIAL/10 MIN	6/30	4/30	7/40	8/45	12/50	5/35	5/31
pH	10.2	11.3	11	11.4	10.6	11.4	11.3
FILTRATE HPHT	22	21	23	24	24	21.5	21
CAKE (1/32"s)	3	3	3	3	3	3	3
SALINITY Cl⁻	18100	18000	18100	16400	16100	18000	18000
SOLIDS/SAND/OIL	8/tr/-	8/tr/-	10/tr/-	10/tr/-	10/tr/-	10/tr/-	10/tr/-

REMARKS:

NITRATES ADDED TO MUD AT 7987' FOR TRACER PURPOSES.

DEPTH	8710	9000	9261	9358	9415	9576	9625
DATE	31/1	2/2	2/2	3/2	8/2/79	9/2/79	10/2/79
TIME	2100	2400	2400	2400	24.00	23.00	22.30
WEIGHT	10.0	10.2	10.5	10.5	10.5	11.0	11.0
FUNNEL VISCOSITY	45	48	44	45	54	43	44
PLASTIC VISCOSITY	10	12	14	13	14	13	13
YIELD POINT	17	17	16	16	19	14	15
GEL INITIAL/10 MIN	6/32	3/19	2/14	2/15	3/16	2/12	2/13
pH	10.4	10.8	10.6	10.4	11.0	10.6	10.8
FILTRATE HPHT	18.2	18.4	18.6	18.6	18.0	18.2	18.2
CAKE (1/32"s)	3	3	3	3	3	3	3
SALINITY Cl⁻	18000	19500	18000	19500	18500	19500	19500
SOLIDS/SAND/OIL	10/tr/-	10/tr/	10/tr/-	10/tr/-	11/tr/-	14/tr/-	14/tr/-

REMARKS:

NITRATES BEING KEPT AT 200ppm.

394660

CORE LAB ESP

MUD INFORMATION DATA SHEET

UNIT NO. FL 176 SHEET NO. 3

COMPANY	WELL	LOCATION
HEMATITE	PELICAN #4	BASS BASIN

DEPTH	9790	9901						
DATE	11/2/79	12/2/79						
TIME	13.00	00.00						
WEIGHT	11.6	11.6						
FUNNEL VISCOSITY	42	42						
PLASTIC VISCOSITY	14	14						
YIELD POINT	16	16						
GEL INITIAL/10 MIN	2/12	2/12						
pH	11	11.4						
FILTRATE HPHT	18.2	17.6						
CAKE	3	3						
SALINITY Cl^-	19500	19500						
SOLIDS/SAND/OIL	17/tr/-	17/tr/-						

REMARKS:

NO_3^{2-} 200 ppm.

DEPTH								
DATE								
TIME								
WEIGHT								
FUNNEL VISCOSITY								
PLASTIC VISCOSITY								
YIELD POINT								
GEL INITIAL/10 MIN								
pH								
FILTRATE								
CAKE								
SALINITY								
SOLIDS/SAND/OIL								

REMARKS:

DUMP A

DEPTH - Well depth in feet.

TIME - Time of day, in hours and minutes.

ROP - Rate of penetration, in feet per hour.

WOB - Weight on bit, in thousands of pounds.

RPM - Rotary speed in revolutions per minute.

MDI - Mud density in, in pounds per gallon.

MDO - Mud density out, in pounds per gallon.

ECD - Equivalent circulating density of the drilling fluid at the bottom of the hole. The sum of the hydrostatic pressure and the annular pressure drop, measured in pounds per gallon.

PP - Pore pressure gradient, in pounds per gallon, is the pressure exerted by the fluids in the pore spaces of the formation. It is determined by analysing deviations from the trend line of the drilling porosity.

FG - Fracture gradient is the pressure required to fracture the formation, expressed in ppg. It is derived from the pore pressure, calculated by the program using the Matthews and Kelly equation and an appropriate matrix stress curve.

POR - Drilling porosity. This is the calculated porosity of the formation being drilled, derived from the general drilling equation. It is a function of the drilling variables: WOB, ROP, RPM, tooth wear, differential pressure and rock strength.

DEXP - Calculated 'd' exponent. The 'd' exponent is a function of WOB, ROP, RPM and DEPTH. A correction is made to the 'd' exponent for variations in mud density to give the corrected 'd' exponent.

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
	64										
		NEW BIT ID: 2									
820.0	0: 0	1600.0	5	150	8.6	8.6	8.7	8.65	10.9	82.9	.35
830.0	0: 0	1650.0	5	155	8.6	8.7	8.8	8.65	10.9	88.5	.34
840.0	0: 0	1780.0	6	160	8.7	8.8	8.9	8.65	11.0	81.8	.35
860.0	0: 2	987.0	5	165	8.7	8.8	9.0	8.65	11.0	82.9	.45
880.0	0: 3	897.0	6	170	8.8	8.9	9.2	8.65	11.1	79.7	.49
900.0	0: 4	1200.0	6	167	8.8	8.9	9.3	8.65	11.1	86.3	.42
910.0	0: 5	1000.0	7	170	8.8	8.9	9.4	8.65	11.1	80.9	.47
920.0	0: 5	1343.0	6	156	8.8	8.9	9.4	8.65	11.1	90.9	.38
930.0	0: 5	1231.0	5	165	8.8	8.9	9.5	8.65	11.2	99.5	.38
950.0	0: 6	1554.0	4	167	8.8	8.9	9.6	8.65	11.2	111.2	.33
	78										
970.0	0: 7	1555.0	5	187	8.8	8.9	9.7	8.65	11.3	103.8	.36
980.0	0: 7	1440.0	7	177	8.8	8.9	9.7	8.65	11.3	94.2	.38
1000.0	0: 8	1340.0	7	155	8.8	8.9	9.7	8.65	11.3	96.4	.37
1010.0	0: 9	1054.0	3	156	8.8	8.9	9.7	8.65	11.3	128.0	.36
1020.0	0: 9	960.0	6	176	8.8	8.9	9.7	8.65	11.4	99.7	.44
1030.0	0:10	960.0	6	176	8.8	8.9	9.7	8.65	11.4	100.9	.44
1040.0	0:11	1093.0	4	166	8.8	8.9	9.7	8.65	11.4	117.4	.38
1060.0	0:11	1850.0	3	148	8.9	8.9	9.7	8.65	11.4	128.0	.23
1080.0	0:13	748.0	3	148	8.8	8.8	9.7	8.65	11.5	128.0	.36
1090.0	0:14	748.0	3	148	8.8	8.8	9.7	8.65	11.5	128.0	.36
	88										
1100.0	0:15	642.0	3	120	8.8	8.8	9.7	8.65	11.5	128.0	.37
1110.0	0:16	430.0	3	120	8.8	8.8	9.7	8.65	11.5	128.0	.44
1120.0	0:18	389.0	5	140	8.8	8.8	9.7	8.65	11.5	101.5	.53
1130.0	0:19	400.0	5	140	8.8	8.8	9.7	8.65	11.6	98.5	.53
1150.0	0:20	1020.0	7	166	8.8	8.8	9.7	8.65	11.6	97.5	.42
1160.0	0:23	200.0	6	151	8.8	8.8	9.7	8.65	11.6	76.4	.72
1180.0	0:25	890.0	6	155	8.8	8.8	9.7	8.65	11.7	91.9	.45
1200.0	0:28	360.0	6	155	8.8	8.8	9.6	8.65	11.7	78.1	.63
1210.0	0:30	360.0	6	155	8.8	8.8	9.6	8.65	11.7	77.8	.63
1220.0	0:31	360.0	6	155	8.8	8.8	9.5	8.65	11.7	77.6	.63
	98										
1240.0	0:36	250.0	6	166	8.8	8.8	9.5	8.65	11.7	73.2	.71
1250.0	0:39	207.0	5	143	9.0	8.9	9.4	8.65	11.8	76.6	.70
1270.0	0:42	341.0	5	154	9.0	8.9	9.4	8.65	11.8	79.8	.63
1280.0	0:44	365.0	5	154	9.0	8.9	9.4	8.65	11.8	80.9	.61
1290.0	0:46	365.0	5	154	9.0	8.9	9.5	8.65	11.8	81.4	.61
1300.0	0:47	376.0	5	154	9.0	8.9	9.5	8.65	11.8	82.3	.60
1310.0	0:49	400.0	7	159	9.0	8.9	9.6	8.65	11.9	77.0	.62
1330.0	0:52	421.0	7	167	9.0	8.9	9.6	8.65	11.9	75.2	.62
1360.0	0:54	796.0	7	167	9.0	8.9	9.8	8.65	11.9	84.7	.49
1370.0	0:56	253.0	7	150	9.0	8.9	9.7	8.65	12.0	74.5	.68
	108										
1380.0	0:57	670.0	7	156	9.0	8.9	9.8	8.65	12.0	84.8	.51
1390.0	1: 3	106.0	5	166	9.0	8.9	9.6	8.65	12.0	76.4	.83
1400.0	1: 5	230.0	8	170	9.0	8.9	9.5	8.65	12.0	64.2	.77
1420.0	1: 8	506.0	8	170	9.0	8.9	9.5	8.65	12.0	72.8	.61
1440.0	1:10	453.0	9	187	8.9	9.0	9.5	8.65	12.1	67.6	.67
1450.0	1:11	1489.0	9	187	8.9	9.0	9.5	8.65	12.1	82.3	.42
1460.0	1:11	2690.0	10	184	8.9	9.0	9.6	8.65	12.1	86.0	.30

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
	115										
1480.0	1:13	490.0	11	184	8.9	9.0	9.6	8.65	12.1	63.8	.67
1490.0	1:15	328.0	11	184	8.9	9.0	9.6	8.65	12.1	59.4	.75
1500.0	1:20	129.0	12	189	8.9	9.0	9.5	8.65	12.1	44.8	.98
1520.0	1:24	300.0	12	189	8.9	9.0	9.4	8.65	12.2	53.5	.81
1550.0	1:27	655.0	11	176	8.9	9.0	9.5	8.65	12.2	65.3	.61
1560.0	1:28	340.0	11	176	8.9	9.0	9.4	8.65	12.2	57.6	.75
1580.0	1:30	580.0	13	177	8.9	9.0	9.5	8.65	12.2	60.4	.65
1600.0	1:35	230.0	13	177	8.9	9.0	9.5	8.65	12.3	50.0	.86
1610.0	1:39	203.0	13	177	8.9	9.0	9.5	8.65	12.3	48.2	.89
1615.0	23:11	3236.9	2	100	9.0	8.8	9.0	8.65	12.3	128.0	.39
	126										
1660.0	23:38	1641.0	7	140	8.9	8.8	9.1	8.65	12.3	88.9	.34
1665.0	23:39	318.6	9	132	8.9	8.8	9.2	8.65	12.4	60.8	.70
1670.0	23:40	413.7	10	135	8.9	8.8	9.2	8.65	12.4	61.3	.66
1675.0	23:41	371.7	9	156	8.9	8.8	9.2	8.65	12.4	64.4	.69
1680.0	23:42	371.9	7	159	8.9	8.8	9.2	8.65	12.4	72.0	.66
1715.0	0: 1	2504.6	8	73	8.9	8.8	9.1	8.65	12.4	94.8	.12
1720.0	0: 3	243.1	19	149	8.8	8.8	9.1	8.65	12.4	37.6	.91
1725.0	0: 4	258.5	18	149	8.8	8.8	9.1	8.65	12.4	39.2	.89
1730.0	0: 6	165.6	15	151	8.8	8.8	9.1	8.65	12.4	37.7	.98
1735.0	0: 8	166.7	17	150	8.8	8.8	9.1	8.65	12.4	35.4	.99
	142										
1740.0	0:10	111.7	15	128	8.8	8.8	9.1	8.65	12.4	35.1	1.02
1745.0	0:18	135.9	17	95	8.8	8.8	9.0	8.65	12.5	34.9	.96
1750.0	0:19	260.7	20	139	8.8	8.8	9.0	8.65	12.5	36.2	.90
1755.0	0:21	185.0	19	134	8.8	8.8	9.0	8.65	12.5	33.8	.97
1760.0	0:22	250.0	22	132	8.8	8.8	9.0	8.65	12.5	33.9	.92
1765.0	0:25	114.7	15	136	8.8	8.8	9.0	8.65	12.5	33.8	1.04
1770.0	0:26	246.1	20	138	8.8	8.8	9.0	8.65	12.5	35.4	.92
1775.0	0:34	171.3	22	122	8.8	8.8	9.0	8.65	12.5	30.4	.99
1780.0	0:40	153.1	21	129	8.8	8.8	9.0	8.65	12.5	28.7	1.03
1790.0	0:49	235.2	21	122	8.8	8.8	9.0	8.65	12.5	35.1	.89
	169										
1795.0	0:51	161.0	18	164	8.8	8.8	9.0	8.65	12.5	30.6	1.06
1800.0	0:53	144.4	17	166	8.8	8.8	9.0	8.65	12.5	31.3	1.07
1805.0	0:55	165.6	15	168	8.8	8.8	9.0	8.65	12.5	36.4	1.01
1820.0	1: 5	234.6	10	126	8.8	8.8	9.0	8.65	12.5	54.4	.77
1825.0	1: 6	320.2	20	162	8.8	8.8	9.0	8.65	12.5	38.0	.89
1830.0	1: 7	444.5	23	161	8.8	8.8	9.1	8.65	12.6	39.0	.82
1835.0	1: 8	334.6	19	164	8.8	8.8	9.1	8.65	12.6	40.3	.86
1840.0	1:10	132.0	12	170	8.8	8.8	9.1	8.65	12.6	39.3	1.02
1850.0	1:20	112.7	14	106	8.8	8.8	9.1	8.65	12.6	39.2	.97
1855.0	1:20	433.6	20	167	8.8	8.8	9.1	8.65	12.6	41.0	.82
	194										
1860.0	1:23	209.1	14	168	8.8	8.8	9.1	8.65	12.6	40.1	.97
1865.0	1:23	392.1	24	152	8.8	8.8	9.0	8.65	12.6	36.7	.85
1870.0	1:25	198.4	16	158	8.8	8.8	9.0	8.65	12.6	38.1	.96
1880.0	1:33	166.7	13	85	8.8	8.8	9.0	8.65	12.6	44.7	.86
1890.0	1:35	376.1	18	165	8.8	8.8	9.1	8.65	12.6	42.9	.82
1900.0	1:38	196.2	13	173	8.8	8.8	9.1	8.65	12.6	44.3	.93
1910.0	1:48	125.1	15	129	8.8	8.8	9.1	8.65	12.6	36.2	1.02
1915.0	1:49	307.1	33	154	8.8	8.8	9.1	8.65	12.7	26.7	-1.00
1920.0	1:50	319.1	30	158	8.8	8.8	9.1	8.65	12.7	29.4	.97
1925.0	1:51	315.7	34	155	8.8	8.8	9.1	8.65	12.7	26.4	1.00
	218										

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
218											
1930.0	1:53	168.1	28	162	8.8	8.8	9.0	8.65	12.7	22.6	1.15
1935.0	2: 2	123.3	26	128	8.9	8.9	9.0	8.65	12.7	24.0	1.12
1940.0	2: 3	216.5	19	162	9.0	9.3	9.0	8.65	12.7	35.1	.98
1945.0	2: 4	291.2	19	165	9.0	9.3	9.1	8.65	12.7	38.7	.90
1950.0	2: 6	266.6	21	164	9.0	9.3	9.1	8.65	12.7	36.0	.94
1955.0	2: 7	179.0	17	170	9.0	9.3	9.1	8.65	12.7	36.7	1.00
1960.0	2: 9	170.6	16	172	9.0	9.3	9.1	8.65	12.7	37.4	1.00
2000.0	2:33	244.6	11	126	9.0	9.3	9.2	8.65	12.7	53.7	.79
2005.0	2:34	598.0	23	154	9.0	9.3	9.3	8.65	12.8	45.4	.72
2010.0	2:34	432.7	19	158	9.0	9.3	9.3	8.65	12.8	46.1	.77
238											
2015.0	2:35	421.5	17	161	9.0	9.3	9.3	8.65	12.8	47.9	.77
2020.0	2:36	242.9	21	167	9.0	9.3	9.3	8.65	12.8	37.2	.95
2025.0	2:37	265.4	24	167	9.0	9.3	9.3	8.65	12.8	35.6	.95
2030.0	2:47	192.6	24	116	9.0	9.3	9.3	8.65	12.8	35.6	.94
2035.0	2:48	435.7	27	150	9.0	9.3	9.3	8.65	12.8	38.8	.82
2040.0	2:49	361.5	26	153	9.0	9.3	9.3	8.65	12.8	37.0	.87
2050.0	2:50	421.0	27	154	9.0	9.3	9.3	8.65	12.8	38.7	.83
2055.0	2:51	257.7	22	142	9.0	9.3	9.3	8.65	12.8	38.6	.90
2060.0	2:56	132.8	20	93	9.0	9.3	9.3	8.65	12.8	33.0	1.02
2065.0	3: 3	196.5	20	112	9.0	9.3	9.2	8.65	12.8	38.3	.90
253											
2070.0	3: 4	293.1	24	155	9.0	9.3	9.3	8.65	12.8	36.8	.91
2075.0	3: 5	328.5	23	156	9.0	9.3	9.3	8.65	12.8	38.6	.88
2080.0	3: 6	184.4	20	162	9.0	9.3	9.3	8.65	12.8	35.6	1.00
2085.0	3: 8	175.1	21	149	9.0	9.3	9.3	8.65	12.8	34.4	1.01
2090.0	3:12	106.8	18	120	9.0	9.3	9.2	8.65	12.8	31.7	1.08
2095.0	3:18	212.2	19	126	9.0	9.3	9.2	8.65	12.8	39.6	.90
2100.0	3:19	277.2	23	151	9.0	9.3	9.2	8.65	12.9	36.6	.92
2105.0	3:21	207.7	22	154	9.0	9.3	9.3	8.65	12.9	34.4	1.00
2110.0	3:22	233.9	22	152	9.0	9.3	9.3	8.65	12.9	36.1	.95
2115.0	3:23	355.6	26	149	9.0	9.3	9.3	8.65	12.9	37.2	.87
277											
2125.0	3:32	293.5	24	108	9.0	9.3	9.3	8.65	12.9	37.3	.88
2130.0	3:34	179.9	16	150	9.0	9.3	9.2	8.65	12.9	42.4	.95
2135.0	3:36	150.1	9	154	9.0	9.3	9.3	8.65	12.9	53.5	.89
2140.0	3:38	142.9	10	152	9.0	9.3	9.3	8.65	12.9	49.8	.92
2145.0	3:40	164.7	14	150	9.0	9.3	9.3	8.65	12.9	43.4	.95
2150.0	3:41	297.5	20	159	9.0	9.3	9.3	8.65	12.9	40.9	.88
2155.0	3:47	371.9	16	100	9.0	9.3	9.2	8.65	12.9	51.5	.68
2160.0	3:49	415.1	14	147	9.0	9.3	9.2	8.65	12.9	51.8	.76
2170.0	3:51	199.6	8	160	9.0	9.3	9.3	8.65	12.9	63.1	.80
2175.0	3:53	286.7	9	160	9.0	9.3	9.3	8.65	12.9	63.3	.76
304											
2180.0	3:54	301.5	12	159	9.0	9.3	9.3	8.65	12.9	55.4	.78
2190.0	4: 3	139.4	6	152	9.0	9.3	9.3	8.65	12.9	68.4	.83
2195.0	4: 5	153.9	17	167	9.0	9.3	9.3	8.65	13.0	37.2	1.04
2200.0	4: 6	234.6	20	163	9.0	9.3	9.3	8.65	13.0	39.3	.94
2205.0	4: 7	236.9	20	165	9.0	9.3	9.3	8.65	13.0	39.7	.94
2210.0	4: 8	231.9	22	164	9.0	9.3	9.3	8.65	13.0	37.3	.97
2215.0	4:10	241.1	22	163	9.0	9.3	9.3	8.65	13.0	37.8	.96
2220.0	4:17	154.7	17	111	9.0	9.3	9.3	8.65	13.0	42.8	.89
2225.0	4:18	288.0	21	164	9.0	9.3	9.2	8.65	13.0	40.3	.90
2230.0	4:19	310.9	22	164	9.0	9.3	9.3	8.65	13.0	39.4	.92
325											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
	325										
2235.0	4:20	182.9	16	172	9.0	9.3	9.3	8.65	13.0	41.2	.98
2240.0	4:21	360.0	22	159	9.0	9.3	9.3	8.65	13.0	42.6	.84
2245.0	4:22	230.7	18	154	9.0	9.3	9.3	8.65	13.0	42.8	.90
2255.0	4:33	224.4	16	42	9.0	9.3	9.3	8.65	13.0	57.0	.58
2260.0	4:34	200.3	19	148	9.0	9.3	9.2	8.65	13.0	38.9	.96
2265.0	4:35	356.4	21	146	9.0	9.3	9.3	8.65	13.0	43.9	.82
2270.0	4:36	265.0	19	149	9.0	9.3	9.3	8.65	13.0	42.7	.88
2275.0	4:37	229.0	19	149	9.0	9.3	9.3	8.65	13.0	41.1	.91
2280.0	4:39	218.5	19	149	9.0	9.3	9.3	8.65	13.0	40.7	.93
2285.0	4:50	174.2	17	142	9.0	9.3	9.2	8.65	13.0	40.2	.95
	345										
2290.0	4:51	216.9	18	160	9.0	9.3	9.2	8.65	13.0	39.9	.96
2295.0	4:52	279.9	22	156	9.0	9.3	9.2	8.65	13.1	39.0	.91
2300.0	4:53	285.7	23	158	9.0	9.3	9.3	8.65	13.1	38.8	.91
2305.0	4:54	229.1	22	159	9.0	9.3	9.3	8.65	13.1	37.6	.96
2325.0	5: 5	247.8	19	92	9.0	9.3	9.3	8.65	13.1	49.1	.71
2330.0	5: 7	260.8	19	156	9.0	9.3	9.3	8.65	13.1	42.3	.90
2335.0	5: 8	240.0	22	154	9.0	9.3	9.3	8.65	13.1	38.4	.94
2340.0	5:10	159.8	16	160	9.0	9.3	9.3	8.65	13.1	41.1	.98
2345.0	5:18	94.7	11	112	9.0	9.3	9.3	8.65	13.1	48.0	.92
2350.0	5:19	209.4	21	146	9.0	9.3	9.2	8.65	13.1	37.9	.96
	367										
2355.0	5:20	215.9	23	145	9.0	9.3	9.2	8.65	13.1	36.0	.97
2360.0	5:22	185.0	20	149	9.0	9.3	9.3	8.65	13.1	37.6	.98
2365.0	5:24	170.0	22	147	9.0	9.3	9.3	8.65	13.1	34.1	1.03
2370.0	5:25	172.0	22	148	9.0	9.3	9.3	8.65	13.1	34.4	1.02
2380.0	5:33	421.6	16	140	9.0	9.3	9.3	8.65	13.1	48.9	.80
2385.0	5:35	197.0	24	151	9.0	9.3	9.2	8.65	13.1	33.5	1.02
2390.0	5:36	181.9	24	152	9.0	9.3	9.3	8.65	13.1	33.1	1.04
2395.0	5:38	206.1	27	148	9.0	9.3	9.3	8.65	13.1	32.4	1.02
2400.0	5:39	208.2	27	149	9.0	9.3	9.3	8.65	13.2	31.7	1.04
2410.0	5:48	218.4	26	107	9.0	9.3	9.2	8.65	13.2	37.2	.89
	393										
2415.0	5:50	205.1	24	155	9.0	9.3	9.2	8.65	13.2	33.9	1.02
2420.0	5:51	219.6	27	154	9.0	9.3	9.3	8.65	13.2	32.5	1.02
2425.0	5:53	184.0	22	159	9.0	9.3	9.3	8.65	13.2	34.6	1.03
2430.0	5:54	269.0	27	155	9.0	9.3	9.3	8.65	13.2	34.9	.97
2435.0	5:55	245.1	26	156	9.0	9.3	9.3	8.65	13.2	35.3	.98
2465.0	6: 9	148.6	24	59	9.0	9.3	9.3	8.65	13.2	39.7	.85
2470.0	6:19	96.7	17	100	9.0	9.3	9.3	8.65	13.2	40.7	.96
2475.0	6:22	112.0	22	121	9.0	9.3	9.2	8.65	13.2	31.4	1.09
2480.0	6:25	104.5	24	121	9.0	9.3	9.2	8.65	13.2	28.7	1.13
2485.0	6:27	127.7	25	120	9.0	9.3	9.2	8.65	13.2	29.8	1.09
	426										
2490.0	6:29	129.1	27	119	9.0	9.3	9.2	8.65	13.2	28.7	1.10
2495.0	6:32	119.9	26	119	9.0	9.3	9.2	8.65	13.2	28.6	1.11
2505.0	6:42	153.8	28	111	9.0	9.3	9.2	8.65	13.3	30.2	1.05
2510.0	6:44	173.4	29	113	9.0	9.3	9.2	8.65	13.3	30.4	1.03
2515.0	6:46	157.7	29	115	9.0	9.3	9.2	8.65	13.3	29.5	1.06
2520.0	6:48	147.7	29	116	9.0	9.3	9.2	8.65	13.3	29.2	1.07
2525.0	6:50	157.0	31	115	9.0	9.3	9.2	8.65	13.3	28.0	1.08
2530.0	6:52	150.6	30	115	9.0	9.3	9.2	8.65	13.3	28.4	1.08
2535.0	6:58	163.7	29	101	9.0	9.3	9.2	8.65	13.3	31.1	1.00
2540.0	7: 0	167.1	27	118	9.0	9.3	9.2	8.65	13.3	31.5	1.03
	472										

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
472											
2545.0	7: 2	140.8	22	122	9.0	9.3	9.2	8.65	13.3	33.7	1.03
2550.0	7: 4	170.7	24	122	9.0	9.3	9.3	8.65	13.3	33.8	1.00
2555.0	7: 6	210.5	23	124	9.0	9.3	9.3	8.65	13.3	38.2	.93
2560.0	7: 7	168.1	20	126	9.0	9.3	9.3	8.65	13.3	39.0	.96
2565.0	7:19	83.5	13	87	9.0	9.3	9.2	8.65	13.3	44.8	.97
2570.0	7:20	270.4	21	154	9.0	9.3	9.2	8.65	13.3	40.8	.92
2575.0	7:21	299.4	21	156	9.0	9.3	9.2	8.65	13.3	41.6	.89
2580.0	7:22	294.0	21	157	9.0	9.3	9.2	8.65	13.3	42.4	.89
2585.0	7:23	251.6	19	159	9.0	9.3	9.3	8.65	13.3	42.3	.91
2590.0	7:24	239.9	15	163	9.0	9.3	9.3	8.65	13.3	48.3	.88
497											
2600.0	7:34	172.2	16	71	9.0	9.3	9.2	8.65	13.3	46.8	.82
2605.0	7:36	198.0	13	166	9.0	9.3	9.2	8.65	13.3	48.3	.91
2610.0	7:36	316.4	21	155	9.0	9.3	9.2	8.65	13.4	42.5	.87
2615.0	7:37	309.9	22	154	9.0	9.3	9.3	8.65	13.4	41.7	.88
2620.0	7:39	265.6	20	156	9.0	9.3	9.3	8.65	13.4	42.8	.90
2625.0	7:41	126.3	16	76	9.0	9.3	9.3	8.65	13.4	46.1	.86
2630.0	7:49	167.5	16	78	9.0	9.3	9.2	8.65	13.4	48.2	.80
2635.0	7:50	305.6	20	156	9.0	9.3	9.2	8.65	13.4	43.2	.87
2640.0	7:51	363.6	20	157	9.0	9.3	9.2	8.65	13.4	45.0	.83
2645.0	7:52	350.2	18	160	9.0	9.3	9.3	8.65	13.4	47.9	.82
515											
2650.0	7:53	337.1	18	159	9.0	9.3	9.3	8.65	13.4	46.8	.83
2655.0	7:54	264.4	18	153	9.0	9.3	9.3	8.65	13.4	45.7	.87
2660.0	8: 1	248.1	15	69	9.0	9.3	9.3	8.65	13.4	53.4	.74
2665.0	8: 3	219.7	15	158	9.0	9.3	9.2	8.65	13.4	47.4	.89
2670.0	8: 4	324.9	20	156	9.0	9.3	9.2	8.65	13.4	45.0	.85
2685.0	8: 9	185.5	13	111	9.0	9.3	9.3	8.65	13.4	52.7	.82
2690.0	8:17	150.2	10	73	9.0	9.3	9.2	8.65	13.4	56.9	.79
2695.0	8:18	259.2	13	156	9.0	9.3	9.2	8.65	13.4	51.9	.83
2700.0	8:19	316.9	18	154	9.0	9.3	9.2	8.65	13.4	46.5	.84
2705.0	8:20	319.6	19	154	9.0	9.3	9.3	8.65	13.4	45.6	.84
533											
2710.0	8:21	281.6	17	156	9.0	9.3	9.3	8.65	13.4	47.0	.85
2715.0	8:22	331.4	22	153	9.0	9.3	9.3	8.65	13.4	43.6	.85
2720.0	8:24	128.7	12	92	9.0	9.3	9.3	8.65	13.4	51.6	.85
2725.0	8:33	152.9	15	102	9.0	9.3	9.2	8.65	13.4	45.6	.92
2730.0	8:34	241.2	14	167	9.0	9.3	9.2	8.65	13.5	48.4	.88
2735.0	8:35	264.7	18	154	9.0	9.3	9.3	8.65	13.5	45.3	.88
2740.0	8:37	224.1	18	155	9.0	9.3	9.3	8.65	13.5	43.2	.92
2745.0	8:39	128.2	11	146	9.0	9.3	9.3	8.65	13.5	50.6	.94
2755.0	8:49	153.6	12	122	9.0	9.3	9.3	8.65	13.5	49.9	.88
2760.0	8:50	293.1	20	156	9.0	9.3	9.2	8.65	13.5	43.7	.88
553											
2765.0	8:51	275.6	17	158	9.0	9.3	9.2	8.65	13.5	47.0	.86
2770.0	8:52	206.6	11	161	9.0	9.3	9.3	8.65	13.5	53.5	.86
2775.0	8:54	135.9	12	168	9.0	9.3	9.3	8.65	13.5	46.6	.98
2780.0	8:57	114.5	10	170	9.0	9.3	9.3	8.65	13.5	50.1	.98
2785.0	9: 5	89.1	8	166	9.0	9.3	9.2	8.65	13.5	54.2	.99
2790.0	9: 7	162.0	16	140	9.0	9.3	9.2	8.65	13.5	42.1	.96
2795.0	9: 9	175.8	16	142	9.0	9.3	9.2	8.65	13.5	43.4	.94
2800.0	9:10	244.2	23	137	9.0	9.3	9.2	8.65	13.5	38.9	.93
2805.0	9:11	260.6	23	137	9.0	9.3	9.3	8.65	13.5	40.4	.90
2810.0	9:12	269.1	25	136	9.0	9.3	9.3	8.65	13.5	38.5	.91
581											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
581											
2815.0	9:13	315.7	27	135	9.0	9.3	9.3	8.65	13.5	39.1	.88
2820.0	9:20	281.4	20	115	9.0	9.3	9.2	8.65	13.5	46.5	.79
2825.0	9:21	283.9	15	160	9.0	9.3	9.2	8.65	13.5	49.7	.84
2830.0	9:23	259.6	19	157	9.0	9.3	9.2	8.65	13.5	43.0	.91
2835.0	9:24	236.9	20	157	9.0	9.3	9.3	8.65	13.5	41.9	.93
2840.0	9:26	163.5	13	164	9.0	9.3	9.3	8.65	13.5	49.1	.94
2845.0	9:27	215.7	16	161	9.0	9.3	9.3	8.65	13.6	45.4	.92
2863.0	9:40	300.0	17	33	9.0	9.3	9.2	8.65	13.6	62.0	.46
NEW BIT ID: 3											
2870.0	9:46	840.5	38	96	9.3	9.4	9.4	8.65	13.6	37.8	.63
2875.0	9:48	224.6	34	98	9.3	9.4	9.4	8.65	13.6	26.1	1.04
604											
2900.0	11:28	214.0	31	91	9.3	9.4	9.4	8.65	13.6	28.2	1.00
2905.0	11:30	240.7	27	85	9.3	9.4	9.4	8.65	13.6	32.7	.90
2910.0	11:31	201.4	26	86	9.3	9.4	9.4	8.65	13.6	31.6	.95
2920.0	11:50	193.8	24	89	9.3	9.4	9.4	8.65	13.6	32.9	.95
2925.0	11:51	195.7	29	98	9.3	9.4	9.4	8.65	13.6	28.0	1.03
2930.0	11:52	215.7	27	100	9.3	9.4	9.4	8.65	13.6	30.8	.98
2935.0	11:54	208.9	30	99	9.3	9.4	9.5	8.65	13.6	28.5	1.01
2940.0	11:56	179.4	27	102	9.3	9.4	9.5	8.65	13.6	29.2	1.03
2950.0	12: 8	407.7	26	94	9.3	9.4	9.5	8.65	13.6	37.7	.81
2955.0	12:10	171.9	31	106	9.3	9.4	9.5	8.65	13.6	26.1	1.10
634											
2960.0	12:11	208.2	33	106	9.3	9.4	9.5	8.65	13.6	26.1	1.07
2965.0	12:13	188.4	33	107	9.3	9.4	9.5	8.65	13.7	25.4	1.10
2970.0	12:14	240.2	34	107	9.3	9.4	9.5	8.65	13.7	27.1	1.03
2975.0	12:15	235.9	34	106	9.3	9.4	9.5	8.65	13.7	27.3	1.03
2980.0	12:25	308.1	31	90	9.3	9.3	9.5	8.65	13.7	33.5	.87
2985.0	12:26	227.7	32	112	9.3	9.3	9.5	8.65	13.7	28.0	1.04
2990.0	12:28	213.0	33	114	9.3	9.3	9.5	8.65	13.7	26.7	1.07
2995.0	12:29	271.0	34	114	9.3	9.3	9.5	8.65	13.7	28.1	1.01
3000.0	12:30	290.7	36	112	9.3	9.3	9.5	8.65	13.7	27.7	1.01
3005.0	12:30	367.2	35	112	9.3	9.3	9.5	8.65	13.7	31.0	.92
652											
3010.0	12:39	288.1	22	154	9.3	9.3	9.5	8.65	13.7	36.4	.97
3015.0	12:40	564.2	25	156	9.3	9.3	9.5	8.65	13.7	39.9	.80
3020.0	12:41	310.4	16	162	9.3	9.3	9.5	8.65	13.7	42.0	.89
3030.0	12:43	337.4	19	160	9.3	9.3	9.5	8.65	13.7	41.0	.88
3035.0	12:44	283.5	20	160	9.3	9.3	9.6	8.65	13.7	37.8	.95
3075.0	13: 5	342.0	15	141	9.3	9.3	9.5	8.65	13.7	46.2	.81
3080.0	13: 6	365.9	23	176	9.3	9.3	9.5	8.65	13.7	36.7	.94
3085.0	13: 7	221.0	14	182	9.3	9.3	9.5	8.65	13.7	41.4	.97
3090.0	13: 8	434.7	17	180	9.3	9.3	9.5	8.65	13.7	44.3	.84
3095.0	13: 9	274.4	15	181	9.3	9.3	9.5	8.65	13.8	45.4	.91
667											
3100.0	13:10	315.7	25	176	9.3	9.3	9.6	8.65	13.8	33.9	1.00
3110.0	13:19	579.7	22	135	9.3	9.3	9.5	8.65	13.8	44.2	.73
3115.0	13:20	314.1	23	167	9.3	9.3	9.5	8.65	13.8	35.4	.97
3120.0	13:21	397.4	28	166	9.3	9.3	9.6	8.65	13.8	34.1	.95
3125.0	13:21	482.5	31	163	9.3	9.3	9.6	8.65	13.8	34.4	.91
3130.0	13:22	393.9	27	167	9.3	9.3	9.6	8.65	13.8	35.4	.94
3135.0	13:30	239.4	20	167	9.3	9.3	9.5	8.65	13.8	34.8	1.02

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
675											
3140.0	13:31	377.4	26	169	9.3	9.3	9.5	8.65	13.8	34.8	.95
3145.0	13:32	234.6	13	179	9.3	9.3	9.5	8.65	13.8	45.2	.92
3150.0	13:33	564.2	32	168	9.3	9.3	9.5	8.65	13.8	35.5	.88
3155.0	13:34	307.7	28	175	9.3	9.3	9.5	8.65	13.8	31.4	1.04
3160.0	13:35	285.7	33	175	9.3	9.3	9.6	8.65	13.8	27.6	1.11
3170.0	13:45	306.9	30	153	9.3	9.3	9.5	8.65	13.8	30.9	1.02
3175.0	13:45	379.7	26	166	9.3	9.3	9.5	8.65	13.8	35.2	.95
3180.0	13:46	307.7	26	167	9.3	9.3	9.5	8.65	13.8	32.9	1.01
3185.0	13:47	292.1	29	166	9.3	9.3	9.6	8.65	13.8	30.7	1.05
3190.0	13:48	372.6	25	169	9.3	9.3	9.6	8.65	13.8	36.3	.94
687											
3230.0	14:13	319.2	27	172	9.3	9.3	9.5	8.65	13.9	32.5	1.02
3235.0	14:14	323.7	29	174	9.3	9.3	9.5	8.65	13.9	31.4	1.03
3240.0	14:15	300.0	22	180	9.3	9.3	9.5	8.65	13.9	36.3	.99
3245.0	14:16	279.1	33	176	9.3	9.3	9.5	8.65	13.9	27.4	1.13
3250.0	14:17	191.0	22	182	9.3	9.3	9.5	8.65	13.9	30.8	1.13
3255.0	14:19	184.3	25	180	9.3	9.3	9.5	8.65	13.9	28.6	1.16
3260.0	14:28	311.9	25	137	9.3	9.3	9.5	8.65	13.9	35.1	.94
3265.0	14:29	255.5	38	170	9.3	9.3	9.5	8.65	13.9	23.9	1.19
3270.0	14:30	253.7	36	185	9.3	9.3	9.5	8.65	13.9	24.0	1.22
3275.0	14:31	253.9	32	188	9.3	9.3	9.5	8.65	13.9	26.8	1.16
706											
3280.0	14:32	245.5	35	187	9.3	9.3	9.5	8.65	13.9	25.1	1.20
3285.0	14:34	237.5	34	188	9.3	9.3	9.5	8.65	13.9	24.8	1.21
3295.0	14:42	259.8	25	175	9.3	9.3	9.5	8.65	13.9	32.1	1.06
3300.0	14:43	182.9	29	177	9.3	9.3	9.5	8.65	13.9	25.8	1.21
3305.0	14:45	209.0	30	177	9.3	9.3	9.5	8.65	13.9	26.1	1.19
3310.0	14:46	212.4	29	177	9.3	9.3	9.5	8.65	13.9	27.4	1.16
3315.0	14:48	190.6	25	179	9.3	9.3	9.6	8.65	13.9	29.5	1.15
3320.0	14:49	193.7	26	183	9.3	9.3	9.5	8.65	13.9	28.3	1.17
3325.0	14:57	198.9	28	153	9.3	9.3	9.5	8.65	13.9	27.8	1.14
3330.0	14:59	172.1	34	174	9.3	9.3	9.5	8.65	13.9	22.2	1.28
731											
3335.0	15: 0	220.3	41	171	9.3	9.3	9.5	8.65	13.9	20.9	1.28
3340.0	15: 1	317.5	40	181	9.3	9.3	9.5	8.65	13.9	25.4	1.15
3345.0	15: 3	209.5	41	183	9.3	9.3	9.5	8.65	13.9	20.7	1.30
3350.0	15: 4	233.9	40	184	9.3	9.3	9.5	8.65	13.9	22.0	1.26
3355.0	15:13	311.4	34	139	9.3	9.3	9.5	8.65	13.9	29.8	1.03
3360.0	15:14	202.7	31	189	9.3	9.3	9.5	8.65	13.9	25.4	1.22
3365.0	15:16	211.6	26	191	9.3	9.3	9.5	8.65	14.0	29.0	1.16
3370.0	15:17	182.1	24	191	9.3	9.3	9.5	8.65	14.0	29.3	1.17
3375.0	15:19	219.6	29	189	9.3	9.3	9.5	8.65	14.0	27.5	1.18
3380.0	15:20	212.6	28	189	9.3	9.3	9.5	8.65	14.0	28.0	1.17
756											
3390.0	15:30	232.9	29	172	9.3	9.3	9.5	8.65	14.0	28.2	1.14
3395.0	15:31	193.5	36	173	9.3	9.3	9.5	8.65	14.0	22.5	1.27
3400.0	15:33	219.6	35	177	9.3	9.3	9.5	8.65	14.0	24.3	1.22
3405.0	15:35	157.2	30	179	9.3	9.3	9.5	8.65	14.0	24.0	1.27
3410.0	15:37	140.7	30	179	9.3	9.3	9.5	8.65	14.0	22.5	1.31
3415.0	15:38	186.5	32	177	9.3	9.3	9.5	8.65	14.0	24.3	1.24
3420.0	15:46	302.0	24	143	9.3	9.3	9.5	8.65	14.0	36.3	.95
3425.0	15:48	157.8	21	175	9.3	9.3	9.5	8.65	14.0	31.7	1.14
3430.0	15:49	179.5	22	175	9.3	9.3	9.5	8.65	14.0	31.1	1.13
3435.0	15:51	167.8	21	176	9.3	9.3	9.5	8.65	14.0	31.4	1.14
789											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
	789										
3440.0	15:53	167.7	22	177	9.3	9.3	9.5	8.65	14.0	30.6	1.15
3445.0	15:55	157.0	21	177	9.3	9.3	9.5	8.65	14.0	30.6	1.16
3450.0	16: 5	126.5	18	175	9.3	9.3	9.5	8.65	14.0	31.8	1.17
3455.0	16: 8	117.9	26	166	9.3	9.3	9.5	8.65	14.0	22.7	1.29
3460.0	16:10	128.2	32	170	9.3	9.3	9.5	8.65	14.0	20.2	1.36
3465.0	16:12	152.0	31	170	9.3	9.3	9.5	8.65	14.0	23.4	1.28
3470.0	16:14	150.9	36	169	9.3	9.3	9.5	8.65	14.0	20.1	1.34
3475.0	16:16	162.7	38	169	9.3	9.3	9.5	8.65	14.0	20.1	1.34
3480.0	16:25	133.0	35	160	9.3	9.3	9.5	8.65	14.0	20.2	1.35
3485.0	16:28	139.4	28	176	9.3	9.3	9.5	8.65	14.0	24.2	1.28
	833										
3490.0	16:29	210.9	37	173	9.3	9.3	9.5	8.65	14.0	22.7	1.26
3495.0	16:31	170.0	37	174	9.3	9.3	9.5	8.65	14.0	20.6	1.33
3500.0	16:33	180.1	34	175	9.3	9.3	9.5	8.65	14.0	23.2	1.27
3505.0	16:34	219.7	35	173	9.3	9.3	9.5	8.65	14.1	24.2	1.23
3515.0	16:44	172.2	36	162	9.3	9.3	9.5	8.65	14.1	22.0	1.29
3520.0	16:46	161.2	33	160	9.3	9.3	9.5	8.65	14.1	22.8	1.28
3525.0	16:48	196.4	32	170	9.3	9.3	9.5	8.65	14.1	25.6	1.21
3530.0	16:50	149.4	33	172	9.3	9.3	9.5	8.65	14.1	21.9	1.32
3535.0	16:52	192.6	34	170	9.3	9.3	9.5	8.65	14.1	24.2	1.24
3540.0	16:53	219.1	34	168	9.3	9.3	9.5	8.65	14.1	25.5	1.20
	872										
3545.0	17: 0	394.7	34	139	9.3	9.3	9.5	8.65	14.1	32.6	.95
3550.0	17: 2	150.9	38	149	9.3	9.3	9.5	8.65	14.1	19.8	1.34
3555.0	17: 4	161.9	36	150	9.3	9.3	9.5	8.65	14.1	22.3	1.28
3560.0	17: 5	204.2	37	151	9.3	9.3	9.6	8.65	14.1	24.4	1.22
3565.0	17: 7	147.2	36	151	9.3	9.3	9.6	8.65	14.1	21.4	1.33
3570.0	17: 9	157.7	37	151	9.3	9.3	9.6	8.65	14.1	21.7	1.32
3575.0	17:16	155.9	37	125	9.3	9.3	9.6	8.65	14.1	22.6	1.27
3580.0	17:18	134.7	39	158	9.3	9.3	9.6	8.65	14.1	17.7	1.43
3585.0	17:20	210.9	30	162	9.3	9.3	9.6	8.65	14.1	29.1	1.15
3590.0	17:22	160.3	37	158	9.3	9.3	9.6	8.65	14.1	21.9	1.31
	897										
3595.0	17:23	182.1	35	159	9.3	9.3	9.6	8.65	14.1	24.3	1.24
3600.0	17:25	211.0	37	158	9.3	9.3	9.6	8.65	14.1	24.0	1.23
3605.0	17:34	165.1	33	140	9.3	9.3	9.6	8.65	14.1	25.6	1.22
3610.0	17:35	209.4	24	176	9.3	9.3	9.6	8.65	14.1	32.2	1.13
3615.0	17:36	249.2	31	176	9.3	9.3	9.6	8.65	14.1	30.0	1.14
3680.0	17:37	297.5	37	176	9.3	9.3	9.6	8.65	14.1	28.4	1.14
3625.0	17:39	176.9	30	179	9.3	9.3	9.6	8.65	14.1	27.3	1.24
3630.0	17:41	193.2	40	176	9.3	9.3	9.6	8.65	14.1	22.8	1.31
3635.0	17:43	211.2	29	181	9.3	9.3	9.6	8.65	14.1	27.7	1.22
3640.0	17:50	306.6	38	119	9.3	9.3	9.5	8.65	14.1	30.8	1.01
	927										
3645.0	17:52	197.0	32	177	9.3	9.3	9.6	8.65	14.1	26.7	1.23
3650.0	17:53	201.7	33	178	9.3	9.3	9.6	8.65	14.1	26.8	1.23
3655.0	17:55	153.8	34	178	9.3	9.3	9.6	8.65	14.1	21.9	1.37
3660.0	17:56	219.3	34	177	9.3	9.3	9.6	8.65	14.2	27.0	1.22
3665.0	17:58	187.4	34	177	9.3	9.3	9.6	8.65	14.2	25.3	1.27
3670.0	18: 8	400.0	27	121	9.3	9.3	9.5	8.65	14.2	39.3	.85
3675.0	18:10	143.6	31	170	9.3	9.3	9.5	8.65	14.2	24.4	1.30
3680.0	18:12	163.8	31	175	9.3	9.3	9.6	8.65	14.2	25.9	1.27
3685.0	18:13	196.7	29	176	9.3	9.3	9.6	8.65	14.2	28.9	1.19
3690.0	18:15	159.1	31	175	9.3	9.3	9.6	8.65	14.2	25.4	1.28
	960										

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
960											
3695.0	18:17	181.9	32	174	9.3	9.3	9.6	8.65	14.2	26.4	1.24
3700.0	18:25	206.2	26	133	9.3	9.3	9.5	8.65	14.2	35.2	1.02
3705.0	18:27	148.3	31	179	9.3	9.3	9.5	8.65	14.2	25.4	1.30
3710.0	18:29	151.0	28	181	9.3	9.3	9.6	8.65	14.2	27.4	1.27
3715.0	18:31	142.7	31	172	9.3	9.3	9.6	8.65	14.2	24.6	1.32
3720.0	18:33	140.0	32	171	9.3	9.3	9.6	8.65	14.2	24.7	1.32
3725.0	18:35	143.9	32	170	9.3	9.3	9.6	8.65	14.2	24.5	1.32
3730.0	18:44	201.0	29	136	9.3	9.3	9.6	8.65	14.2	32.5	1.10
3735.0	18:46	141.8	30	173	9.3	9.3	9.6	8.65	14.2	26.3	1.29
3740.0	18:48	156.2	27	175	9.3	9.3	9.5	8.65	14.2	29.7	1.23
1002											
3745.0	18:50	152.1	31	172	9.3	9.3	9.6	8.65	14.2	25.9	1.29
3750.0	18:52	183.9	31	173	9.3	9.3	9.6	8.65	14.2	28.2	1.23
3755.0	18:54	161.0	31	173	9.3	9.3	9.6	8.65	14.2	27.1	1.27
3760.0	18:55	184.4	33	173	9.3	9.3	9.6	8.65	14.2	27.1	1.25
3765.0	19: 5	161.0	28	158	9.3	9.3	9.5	8.65	14.2	29.7	1.20
3770.0	19: 7	182.5	31	172	9.3	9.3	9.6	8.65	14.2	28.2	1.23
3775.0	19: 9	172.0	27	173	9.3	9.3	9.6	8.65	14.2	29.7	1.22
3780.0	19:11	158.7	30	172	9.3	9.3	9.6	8.65	14.2	26.8	1.28
3785.0	19:12	205.8	31	173	9.3	9.3	9.6	8.65	14.2	29.5	1.19
3790.0	19:13	212.7	23	176	9.3	9.3	9.6	8.65	14.2	35.6	1.09
1038											
3820.0	19:30	215.9	22	174	9.3	9.3	9.6	8.65	14.3	35.7	1.09
3825.0	19:38	157.2	18	175	9.3	9.3	9.6	8.65	14.3	37.9	1.10
3830.0	19:39	243.5	30	169	9.3	9.3	9.5	8.65	14.3	32.2	1.12
3835.0	19:40	233.1	27	171	9.3	9.3	9.6	8.65	14.3	33.4	1.11
3840.0	19:42	174.5	22	173	9.3	9.3	9.6	8.65	14.3	34.7	1.13
3845.0	19:43	183.1	30	169	9.3	9.3	9.6	8.65	14.3	28.9	1.22
3850.0	19:45	204.0	22	173	9.3	9.3	9.6	8.65	14.3	35.9	1.09
3855.0	19:53	194.9	21	156	9.3	9.3	9.6	8.65	14.3	36.9	1.06
3860.0	19:54	198.4	24	149	9.3	9.3	9.5	8.65	14.3	35.3	1.08
3865.0	19:56	203.3	25	149	9.3	9.3	9.6	8.65	14.3	34.4	1.09
1068											
3870.0	19:57	197.0	23	168	9.3	9.3	9.6	8.65	14.3	35.0	1.11
3875.0	19:59	185.0	20	175	9.3	9.3	9.6	8.65	14.3	37.1	1.09
3880.0	20: 0	224.2	26	173	9.3	9.3	9.6	8.65	14.3	34.4	1.10
3885.0	20: 1	213.4	23	174	9.3	9.3	9.6	8.65	14.3	36.5	1.08
3890.0	20:10	181.0	27	172	9.3	9.3	9.5	8.65	14.3	31.1	1.19
3895.0	20:11	230.5	27	172	9.3	9.3	9.5	8.65	14.3	33.8	1.11
3900.0	20:12	179.7	23	175	9.3	9.3	9.6	8.65	14.3	34.2	1.14
3905.0	20:14	224.6	27	173	9.3	9.3	9.6	8.65	14.3	33.2	1.13
3910.0	20:15	225.2	28	173	9.3	9.3	9.6	8.65	14.3	32.9	1.13
3915.0	20:16	195.2	29	172	9.3	9.3	9.6	8.65	14.3	30.6	1.19
1095											
3920.0	20:24	238.7	26	147	9.3	9.3	9.6	8.65	14.3	35.7	1.05
3925.0	20:26	213.4	30	173	9.3	9.3	9.5	8.65	14.3	30.6	1.18
3930.0	20:27	204.2	32	172	9.3	9.3	9.6	8.65	14.3	29.1	1.21
3935.0	20:29	230.1	27	174	9.3	9.3	9.6	8.65	14.3	33.9	1.11
3940.0	20:30	202.0	27	174	9.3	9.3	9.6	8.65	14.3	32.7	1.15
3945.0	20:31	215.6	28	175	9.3	9.3	9.6	8.65	14.3	32.6	1.14
3970.0	20:47	164.0	22	178	9.3	9.3	9.6	8.65	14.3	34.8	1.15
3975.0	20:48	189.9	25	174	9.3	9.3	9.6	8.65	14.3	33.6	1.15
3980.0	20:50	197.6	26	174	9.3	9.3	9.6	8.65	14.4	33.1	1.15
3985.0	20:59	286.8	20	146	9.3	9.3	9.5	8.65	14.4	43.1	.93
1126											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
	1126										
3990.0	21: 1	189.4	27	170	9.3	9.3	9.5	8.65	14.4	31.7	1.17
3995.0	21: 2	204.9	22	173	9.3	9.3	9.5	8.65	14.4	36.8	1.09
4000.0	21: 4	196.6	20	174	9.3	9.3	9.5	8.65	14.4	38.3	1.07
4005.0	21: 5	205.7	24	172	9.3	9.3	9.6	8.65	14.4	35.0	1.11
4010.0	21: 7	197.4	23	173	9.3	9.3	9.6	8.65	14.4	35.3	1.11
4015.0	21:15	281.1	23	152	9.3	9.3	9.6	8.65	14.4	38.7	1.00
4020.0	21:16	176.7	16	182	9.3	9.3	9.5	8.65	14.4	41.6	1.05
4025.0	21:18	187.0	20	180	9.3	9.3	9.6	8.65	14.4	37.5	1.10
4030.0	21:19	199.7	19	182	9.3	9.3	9.6	8.65	14.4	39.4	1.06
4035.0	21:21	218.6	22	182	9.3	9.3	9.6	8.65	14.4	37.5	1.08
	1155										
4040.0	21:22	258.0	26	181	9.3	9.3	9.6	8.65	14.4	35.9	1.08
4045.0	21:31	211.6	25	164	9.3	9.3	9.5	8.65	14.4	35.2	1.10
4050.0	21:33	162.9	30	173	9.3	9.3	9.5	8.65	14.4	28.6	1.26
4055.0	21:34	179.6	30	173	9.3	9.3	9.5	8.65	14.4	29.7	1.23
4060.0	21:35	235.7	29	173	9.3	9.3	9.6	8.65	14.4	33.2	1.13
4065.0	21:37	200.9	29	172	9.3	9.3	9.6	8.65	14.4	31.8	1.17
4070.0	21:39	175.2	27	174	9.3	9.3	9.6	8.65	14.5	31.6	1.20
4080.0	21:48	203.9	29	170	9.3	9.3	9.6	8.65	14.5	31.8	1.17
4085.0	21:49	235.5	30	176	9.3	9.3	9.5	8.65	14.5	32.0	1.16
4090.0	21:51	220.9	33	175	9.3	9.3	9.6	8.65	14.5	30.0	1.20
	1184										
4095.0	21:52	211.7	31	176	9.3	9.3	9.6	8.65	14.5	31.4	1.18
4100.0	21:54	176.0	29	175	9.3	9.3	9.6	8.65	14.5	30.2	1.23
4105.0	21:56	178.7	32	174	9.3	9.3	9.6	8.65	14.5	29.0	1.24
4110.0	22: 3	192.1	29	161	9.3	9.3	9.5	8.65	14.5	31.9	1.17
4115.0	22: 5	190.6	27	175	9.3	9.3	9.5	8.65	14.5	32.7	1.17
4120.0	22: 6	237.6	27	175	9.3	9.3	9.6	8.65	14.5	34.8	1.11
4125.0	22: 8	222.9	28	174	9.3	9.3	9.6	8.65	14.5	33.6	1.13
4130.0	22: 9	197.7	27	175	9.3	9.3	9.6	8.65	14.5	33.0	1.16
4135.0	22:11	163.2	23	176	9.3	9.3	9.6	8.65	14.5	34.1	1.17
4140.0	22:19	146.8	22	173	9.3	9.3	9.6	8.65	14.5	33.7	1.19
	1218										
4145.0	22:21	151.9	25	175	9.3	9.3	9.5	8.65	14.5	31.5	1.22
4150.0	22:23	202.5	26	174	9.3	9.3	9.6	8.65	14.5	34.2	1.14
4155.0	22:24	181.8	25	174	9.3	9.3	9.6	8.65	14.5	33.6	1.16
4160.0	22:26	196.6	27	173	9.3	9.3	9.6	8.65	14.5	33.3	1.16
4165.0	22:27	211.5	28	172	9.3	9.3	9.6	8.65	14.5	33.1	1.15
4170.0	22:29	200.7	27	172	9.3	9.3	9.6	8.65	14.5	33.3	1.15
4175.0	22:38	186.1	27	169	9.3	9.3	9.5	8.65	14.5	32.6	1.17
4180.0	22:39	195.2	30	180	9.3	9.3	9.5	8.65	14.5	30.9	1.21
4185.0	22:41	163.8	27	181	9.3	9.3	9.6	8.65	14.5	30.9	1.23
4190.0	22:42	208.0	30	179	9.3	9.3	9.6	8.65	14.5	31.9	1.18
	1249										
4195.0	22:44	163.7	28	179	9.3	9.3	9.6	8.65	14.6	30.6	1.24
4200.0	22:46	181.7	31	177	9.3	9.3	9.6	8.65	14.6	29.8	1.24
4205.0	22:54	190.9	30	177	9.3	9.3	9.5	8.65	14.6	30.9	1.21
4210.0	22:56	226.5	32	177	9.3	9.3	9.5	8.65	14.6	31.1	1.19
4215.0	22:57	199.0	32	177	9.3	9.3	9.5	8.65	14.6	30.3	1.22
4220.0	22:59	189.9	32	177	9.3	9.3	9.6	8.65	14.6	29.9	1.23
4225.0	23: 0	221.9	33	176	9.3	9.3	9.6	8.65	14.6	30.9	1.19
4230.0	23: 1	196.0	32	176	9.3	9.3	9.6	8.65	14.6	30.0	1.23
4235.0	23: 9	171.9	23	162	9.3	9.3	9.5	8.65	14.6	35.3	1.13
4240.0	23:11	188.7	27	175	9.3	9.3	9.5	8.65	14.6	33.0	1.18
	1284										

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
1284											
4245.0	23:12	202.7	28	174	9.3	9.3	9.6	8.65	14.6	32.6	1.17
4250.0	23:14	183.3	29	173	9.3	9.3	9.6	8.65	14.6	31.0	1.22
4255.0	23:16	166.6	26	174	9.3	9.3	9.6	8.65	14.6	32.7	1.19
4260.0	23:17	181.0	29	173	9.3	9.3	9.6	8.65	14.6	31.6	1.20
4275.0	23:30	260.2	22	173	9.3	9.3	9.6	8.65	14.6	38.8	1.07
4280.0	23:32	158.3	21	175	9.3	9.3	9.6	8.65	14.6	36.2	1.15
4285.0	23:34	164.2	25	171	9.3	9.3	9.6	8.65	14.6	33.4	1.18
4290.0	23:36	165.3	21	173	9.3	9.3	9.6	8.65	14.6	36.6	1.13
4295.0	23:38	121.8	28	167	9.3	9.3	9.5	8.65	14.6	26.9	1.31
4300.0	23:48	96.6	24	159	9.3	9.3	9.5	8.65	14.6	27.4	1.32
1327											
4305.0	23:51	134.7	25	183	9.3	9.3	9.5	8.65	14.6	29.8	1.26
4310.0	23:53	153.7	24	185	9.3	9.3	9.5	8.65	14.6	31.9	1.21
4315.0	23:56	111.0	24	186	9.3	9.3	9.6	8.65	14.6	27.8	1.33
4320.0	23:59	100.0	17	188	9.3	9.3	9.6	8.65	14.6	33.5	1.23
4325.0	0: 2	102.4	17	190	9.3	9.3	9.6	8.65	14.6	35.1	1.22
4330.0	0:11	113.4	29	171	9.3	9.3	9.5	8.65	14.6	28.5	1.33
4335.0	0:14	130.1	37	174	9.3	9.3	9.5	8.65	14.6	23.9	1.41
4340.0	0:15	174.7	36	173	9.3	9.3	9.6	8.65	14.6	27.6	1.30
4345.0	0:17	173.0	39	173	9.3	9.3	9.6	8.65	14.6	25.7	1.33
4350.0	0:20	120.6	37	170	9.3	9.3	9.5	8.65	14.6	22.4	1.43
1375											
4355.0	0:22	142.6	36	172	9.3	9.3	9.5	8.65	14.6	24.3	1.37
4360.0	0:29	152.3	36	174	9.3	9.3	9.5	8.65	14.6	24.9	1.35
4365.0	0:31	155.7	41	186	9.3	9.3	9.5	8.65	14.6	23.5	1.41
4370.0	0:33	201.6	41	188	9.3	9.3	9.5	8.65	14.6	26.2	1.33
4375.0	0:34	211.2	41	187	9.3	9.3	9.6	8.65	14.7	26.8	1.31
4380.0	0:36	143.7	37	189	9.3	9.3	9.6	8.65	14.7	24.8	1.40
4385.0	0:38	167.5	38	189	9.3	9.3	9.6	8.65	14.7	25.9	1.36
4390.0	0:46	167.9	38	188	9.3	9.3	9.6	8.65	14.7	26.1	1.35
4395.0	0:47	178.2	35	186	9.3	9.3	9.6	8.65	14.7	28.2	1.30
4400.0	0:49	170.3	31	188	9.3	9.3	9.6	8.65	14.7	29.6	1.28
1414											
4405.0	0:51	184.4	35	186	9.3	9.3	9.6	8.65	14.7	28.3	1.29
4410.0	0:52	198.3	33	187	9.3	9.3	9.6	8.65	14.7	30.3	1.24
4415.0	0:54	182.7	36	186	9.3	9.3	9.6	8.65	14.7	27.8	1.31
4420.0	1: 1	180.8	36	184	9.3	9.3	9.6	8.65	14.7	28.1	1.30
4425.0	1: 3	186.4	32	185	9.3	9.3	9.5	8.65	14.7	30.1	1.25
4430.0	1: 5	171.8	30	186	9.3	9.3	9.5	8.65	14.7	30.3	1.26
4435.0	1: 6	174.1	31	185	9.3	9.3	9.6	8.65	14.7	29.7	1.27
4440.0	1: 8	183.2	32	184	9.3	9.3	9.6	8.65	14.7	29.8	1.26
4445.0	1:10	155.9	30	186	9.3	9.3	9.6	8.65	14.7	29.5	1.29
4450.0	1:17	172.4	30	184	9.3	9.3	9.6	8.65	14.7	31.1	1.24
1453											
4455.0	1:19	167.8	27	183	9.3	9.3	9.5	8.65	14.7	32.6	1.22
4460.0	1:20	177.9	30	185	9.3	9.3	9.5	8.65	14.7	31.0	1.25
4465.0	1:22	178.4	27	187	9.3	9.3	9.5	8.65	14.7	33.0	1.21
4470.0	1:24	179.1	27	186	9.3	9.3	9.6	8.65	14.7	33.0	1.21
4475.0	1:25	188.4	29	186	9.3	9.3	9.6	8.65	14.7	32.2	1.22
4480.0	1:27	204.6	28	186	9.3	9.3	9.6	8.65	14.7	33.9	1.18
4485.0	1:34	156.8	28	158	9.3	9.3	9.5	8.65	14.7	33.0	1.20
4490.0	1:35	180.7	33	192	9.3	9.3	9.5	8.65	14.7	29.2	1.29
4495.0	1:37	215.8	29	195	9.3	9.3	9.6	8.65	14.7	33.5	1.19
4500.0	1:38	188.6	32	193	9.3	9.3	9.6	8.65	14.7	30.4	1.26
1495											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1495											
4505.0	1:40	174.7	34	193	9.3	9.3	9.6	8.65	14.7	28.6	1.31
4510.0	1:41	222.0	34	193	9.3	9.3	9.6	8.65	14.7	30.7	1.24
4515.0	1:49	161.9	32	189	9.3	9.3	9.6	8.65	14.7	28.9	1.31
4520.0	1:51	149.5	36	187	9.3	9.3	9.6	8.65	14.7	26.1	1.38
4525.0	1:53	158.1	36	186	9.3	9.3	9.6	8.65	14.7	26.8	1.36
4530.0	1:55	161.9	37	185	9.3	9.3	9.6	8.65	14.7	26.8	1.35
4535.0	1:57	179.8	35	186	9.3	9.3	9.6	8.65	14.7	28.4	1.30
4540.0	1:59	160.6	32	185	9.3	9.3	9.6	8.65	14.7	28.8	1.31
4545.0	2: 7	120.8	32	172	9.3	9.3	9.5	8.65	14.7	26.1	1.37
4550.0	2: 9	102.3	31	184	9.3	9.3	9.5	8.65	14.7	24.4	1.43
1533											
4555.0	2:13	91.4	33	184	9.3	9.3	9.5	8.65	14.7	22.4	1.49
4560.0	2:16	113.9	32	184	9.3	9.3	9.5	8.65	14.8	25.0	1.41
4565.0	2:19	98.3	34	184	9.3	9.3	9.5	8.65	14.8	23.0	1.47
4570.0	2:21	107.6	30	188	9.3	9.3	9.6	8.65	14.8	26.5	1.39
4580.0	2:29	143.0	22	185	9.3	9.3	9.5	8.65	14.8	35.1	1.21
4585.0	2:31	184.7	27	186	9.3	9.3	9.6	8.65	14.8	33.3	1.21
4590.0	2:33	142.1	33	186	9.3	9.3	9.6	8.65	14.8	27.2	1.36
4595.0	2:35	134.0	33	185	9.3	9.3	9.6	8.65	14.8	27.0	1.37
4600.0	2:37	148.6	33	185	9.3	9.3	9.6	8.65	14.8	27.8	1.35
4610.0	2:47	182.8	33	165	9.3	9.3	9.6	8.65	14.8	30.9	1.24
1575											
4615.0	2:49	140.7	39	187	9.3	9.3	9.5	8.65	14.8	24.6	1.43
4620.0	2:52	118.6	38	187	9.3	9.3	9.5	8.65	14.8	23.3	1.48
4625.0	2:54	138.4	40	186	9.3	9.3	9.6	8.65	14.8	24.4	1.44
4630.0	2:56	130.5	43	185	9.3	9.3	9.6	8.65	14.8	22.4	1.49
4635.0	2:59	142.9	40	186	9.3	9.3	9.6	8.65	14.8	24.4	1.44
4640.0	3:37	120.9	40	165	9.3	9.3	9.5	8.65	14.8	23.0	1.46
4645.0	6:23	107.5	30	158	9.3	9.3	9.5	8.65	14.8	27.1	1.37
4650.0	6:27	95.3	30	174	9.3	9.3	9.5	8.65	14.8	25.6	1.43
4655.0	6:30	105.7	29	175	9.3	9.3	9.5	8.65	14.8	27.5	1.38
4660.0	6:33	94.7	30	175	9.3	9.3	9.5	8.65	14.8	25.7	1.43
1621											
4665.0	6:36	103.8	30	176	9.3	9.3	9.5	8.65	14.8	26.6	1.40
4675.0	6:47	141.5	32	168	9.3	9.3	9.5	8.65	14.8	27.3	1.36
4680.0	6:50	123.5	32	171	9.3	9.3	9.5	8.65	14.8	27.3	1.37
4685.0	6:53	107.8	34	170	9.3	9.3	9.5	8.65	14.8	25.2	1.43
4690.0	6:55	117.2	34	169	9.3	9.3	9.5	8.65	14.8	25.9	1.40
4695.0	6:58	131.8	32	171	9.3	9.3	9.5	8.65	14.8	28.3	1.34
4700.0	7: 0	107.7	34	170	9.3	9.3	9.5	8.65	14.8	25.4	1.42
4705.0	7:11	106.8	33	165	9.3	9.3	9.5	8.65	14.8	25.6	1.41
4710.0	7:14	106.4	35	170	9.3	9.3	9.5	8.65	14.8	24.7	1.44
4715.0	7:16	108.9	38	169	9.3	9.3	9.5	8.65	14.8	23.3	1.48
1670											
4720.0	7:20	94.8	37	169	9.3	9.3	9.5	8.65	14.8	22.6	1.51
4725.0	7:23	97.0	38	169	9.3	9.4	9.5	8.65	14.8	22.6	1.50
4730.0	7:25	124.8	37	168	9.3	9.4	9.5	8.65	14.8	25.3	1.42
4735.0	7:34	135.8	35	153	9.3	9.4	9.5	8.65	14.8	27.9	1.33
4740.0	7:37	130.7	36	186	9.3	9.4	9.5	8.65	14.8	25.9	1.42
4745.0	7:40	111.1	36	183	9.4	9.4	9.5	8.65	14.9	24.3	1.47
4750.0	7:42	133.1	36	184	9.4	9.4	9.5	8.65	14.9	25.8	1.42
4755.0	7:45	91.5	36	184	9.4	9.4	9.5	8.65	14.9	22.7	1.53
4760.0	7:48	103.4	36	184	9.4	9.4	9.6	8.65	14.9	24.1	1.48
4765.0	7:51	102.1	37	182	9.4	9.4	9.6	8.65	14.9	23.5	1.50
1719											

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DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1719											
4770.0	8: 4	77.7	36	173	9.4	9.4	9.6	8.65	14.9	21.8	1.55
4775.0	8: 8	89.7	37	179	9.4	9.4	9.6	8.65	14.9	22.7	1.52
4780.0	8:11	83.9	38	179	9.4	9.4	9.6	8.65	14.9	21.5	1.56
4785.0	8:15	93.6	38	178	9.4	9.4	9.6	8.65	14.9	22.6	1.52
4790.0	8:18	94.5	38	178	9.4	9.4	9.6	8.65	14.9	22.6	1.52
4795.0	8:21	109.0	38	179	9.4	9.4	9.6	8.65	14.9	23.9	1.48
4800.0	8:33	84.6	35	170	9.4	9.4	9.6	8.65	14.9	23.3	1.51
4805.0	8:36	88.6	36	181	9.4	9.4	9.6	8.65	14.9	23.0	1.52
4810.0	8:40	94.8	37	183	9.4	9.4	9.6	8.65	14.9	23.0	1.52
4815.0	8:43	90.6	35	183	9.4	9.4	9.6	8.65	14.9	23.7	1.51
1768											
4820.0	8:45	116.9	36	184	9.4	9.4	9.6	8.65	14.9	25.3	1.45
4825.0	8:48	103.1	34	184	9.4	9.4	9.6	8.65	14.9	25.2	1.46
4830.0	9: 0	69.7	32	167	9.4	9.4	9.6	8.65	14.9	23.7	1.51
4835.0	9: 3	95.2	31	183	9.4	9.4	9.6	8.65	14.9	26.6	1.43
4840.0	9: 5	144.1	30	183	9.4	9.4	9.6	8.65	14.9	30.4	1.31
4845.0	9: 8	96.3	33	184	9.4	9.4	9.6	8.65	14.9	25.5	1.46
4850.0	9:10	213.7	29	185	9.4	9.4	9.6	8.65	14.9	34.9	1.17
4855.0	9:13	88.6	32	184	9.4	9.4	9.6	8.65	14.9	25.1	1.48
4870.0	9:28	80.7	32	163	9.4	9.4	9.6	8.65	14.9	25.5	1.46
4875.0	9:30	148.5	38	151	9.4	9.4	9.6	8.65	14.9	28.2	1.32
1806											
4880.0	9:33	98.8	38	151	9.4	9.4	9.6	8.65	14.9	24.0	1.47
4885.0	9:35	144.2	37	152	9.4	9.4	9.6	8.65	14.9	27.4	1.34
4890.0	9:38	136.0	35	152	9.4	9.4	9.6	8.65	14.9	27.2	1.35
4895.0	9:45	263.5	42	138	9.4	9.4	9.6	8.65	14.9	31.9	1.14
4900.0	9:50	85.9	39	162	9.4	9.4	9.6	8.65	14.9	20.8	1.58
4905.0	9:56	46.7	35	163	9.4	9.4	9.6	8.65	14.9	18.0	1.67
4910.0	10: 2	56.0	32	165	9.4	9.4	9.6	8.65	14.9	21.1	1.58
4915.0	10: 6	101.3	31	164	9.4	9.4	9.6	8.65	14.9	25.5	1.44
4920.0	10:12	63.8	30	165	9.4	9.4	9.6	8.65	14.9	22.7	1.53
4925.0	10:24	82.7	30	164	9.4	9.4	9.6	8.65	14.9	24.6	1.47
1850											
4930.0	10:28	108.1	28	170	9.4	9.4	9.6	8.65	14.9	28.1	1.37
4935.0	10:34	62.9	29	169	9.4	9.4	9.6	8.65	15.0	22.7	1.54
4940.0	10:39	138.7	29	170	9.4	9.4	9.6	8.65	15.0	27.6	1.39
4945.0	10:41	126.7	27	171	9.4	9.4	9.6	8.65	15.0	30.9	1.29
4950.0	10:48	49.3	33	169	9.4	9.4	9.6	8.65	15.0	19.5	1.64
4955.0	10:50	122.3	32	164	9.4	9.4	9.6	8.65	15.0	28.2	1.34
4960.0	11: 0	109.7	31	172	9.4	9.5	9.7	8.65	15.0	28.7	1.37
4965.0	11: 4	82.5	34	183	9.4	9.5	9.6	8.65	15.0	24.0	1.52
4970.0	11: 7	101.8	34	183	9.4	9.5	9.6	8.65	15.0	25.8	1.47
4975.0	11: 9	155.0	34	184	9.4	9.5	9.7	8.65	15.0	30.3	1.31
1899											
4980.0	11:12	115.9	33	184	9.4	9.5	9.6	8.65	15.0	27.8	1.40
4985.0	11:16	79.9	32	184	9.4	9.5	9.6	8.65	15.0	24.7	1.51
4990.0	11:27	62.9	40	178	9.4	9.5	9.6	8.65	15.0	19.5	1.67
4995.0	11:33	57.6	42	185	9.4	9.5	9.6	8.65	15.0	17.3	1.75
5000.0	11:37	70.1	41	184	9.5	9.5	9.6	8.65	15.0	19.4	1.67
5005.0	11:41	85.9	39	184	9.5	9.5	9.6	8.65	15.0	22.4	1.57
5010.0	11:44	91.6	37	186	9.5	9.5	9.6	8.65	15.0	23.9	1.52
5015.0	11:49	66.6	38	185	9.5	9.5	9.6	8.65	15.0	20.4	1.64
5020.0	12: 2	63.0	37	173	9.5	9.5	9.7	8.65	15.0	21.2	1.61
5025.0	12: 8	50.4	37	181	9.5	9.5	9.7	8.65	15.0	19.0	1.70
1949											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
1949											
5030.0	12:14	55.6	42	180	9.5	9.5	9.7	8.65	15.0	17.6	1.73
5035.0	12:20	52.7	44	181	9.5	9.5	9.7	8.65	15.0	16.6	1.77
5040.0	12:25	56.7	45	180	9.5	9.5	9.7	8.65	15.0	16.9	1.76
5045.0	12:31	45.7	43	180	9.5	9.5	9.7	8.65	15.0	15.6	1.81
5050.0	12:47	51.1	42	174	9.5	9.5	9.7	8.65	15.0	17.4	1.74
5055.0	12:53	48.1	41	178	9.5	9.5	9.7	8.65	15.0	16.8	1.77
5060.0	12:57	91.7	36	180	9.5	9.5	9.7	8.65	15.0	24.1	1.52
5065.0	13: 1	87.0	39	180	9.5	9.5	9.7	8.65	15.0	22.3	1.58
5070.0	13: 9	37.5	39	181	9.5	9.5	9.7	8.65	15.0	15.5	1.82
5075.0	13:13	100.1	35	181	9.5	9.5	9.7	8.65	15.0	25.0	1.50
1996											
5080.0	13:22	181.7	35	156	9.5	9.5	9.7	8.65	15.0	32.5	1.22
5085.0	13:29	42.8	40	179	9.5	9.5	9.7	8.65	15.0	16.3	1.79
5090.0	13:36	44.0	40	179	9.5	9.5	9.7	8.65	15.0	16.4	1.79
5095.0	13:42	55.7	42	179	9.5	9.5	9.7	8.65	15.0	17.6	1.75
5100.0	13:49	46.4	41	179	9.5	9.5	9.7	8.65	15.0	16.2	1.80
5105.0	13:53	87.3	39	180	9.5	9.5	9.7	8.65	15.0	23.1	1.55
5110.0	14: 0	43.6	38	180	9.5	9.5	9.7	8.65	15.0	17.0	1.77
5115.0	14:39	51.0	42	160	9.5	9.5	9.7	8.65	15.0	17.8	1.72
5120.0	14:40	60.0	43	182	9.5	9.5	9.7	8.65	15.0	18.2	1.73
5125.0	14:42	43.4	43	181	9.5	9.5	9.7	8.65	15.0	15.5	1.83
2033											
5130.0	14:42	51.0	39	181	9.5	9.5	9.7	8.65	15.1	18.6	1.72
5135.0	14:43	45.0	36	183	9.5	9.5	9.7	8.65	15.1	18.9	1.72
5140.0	14:44	53.1	41	182	9.5	9.5	9.7	8.65	15.1	18.2	1.73
5142.0	14:46	39.2	45	167	9.5	9.5	9.7	8.65	15.1	14.3	1.86
NEW BIT ID: 4											
5145.0	23:18	114.3	26	166	9.5	9.6	9.6	8.65	15.1	31.3	1.28
5150.0	23:22	81.7	30	164	9.5	9.6	9.7	8.65	15.1	26.4	1.43
5155.0	23:25	99.2	33	162	9.5	9.6	9.7	8.65	15.1	26.3	1.41
5160.0	23:38	103.3	30	152	9.5	9.6	9.7	8.65	15.1	28.0	1.37
5180.0	23:42	72.8	20	146	9.5	9.6	9.7	8.65	15.1	33.0	1.28
5185.0	23:45	87.1	34	147	9.5	9.6	9.7	8.65	15.1	25.8	1.42
2068											
5190.0	23:49	83.0	36	147	9.5	9.6	9.7	8.65	15.1	24.5	1.45
5195.0	23:53	82.2	36	147	9.5	9.6	9.7	8.65	15.1	24.2	1.46
5200.0	23:56	93.1	36	147	9.5	9.6	9.7	8.65	15.1	25.7	1.41
5205.0	0: 0	88.2	35	148	9.5	9.6	9.7	8.65	15.1	24.9	1.45
5210.0	0:11	87.0	39	141	9.5	9.6	9.7	8.65	15.1	23.8	1.47
5215.0	0:14	96.0	41	147	9.5	9.6	9.7	8.65	15.1	23.7	1.47
5220.0	0:17	115.2	40	147	9.5	9.6	9.7	8.65	15.1	25.3	1.42
5225.0	0:20	94.8	41	147	9.5	9.6	9.7	8.65	15.1	23.5	1.48
5230.0	0:23	117.9	40	149	9.5	9.6	9.7	8.65	15.1	24.9	1.44
5235.0	0:25	169.6	39	148	9.5	9.6	9.7	8.65	15.1	29.7	1.27
2115											
5240.0	0:36	105.8	41	144	9.5	9.6	9.7	8.65	15.1	24.6	1.45
5245.0	0:42	68.9	44	154	9.5	9.6	9.7	8.65	15.1	18.3	1.68
5250.0	0:45	126.2	42	154	9.5	9.6	9.7	8.65	15.1	24.6	1.45
5255.0	0:48	141.6	43	154	9.5	9.6	9.7	8.65	15.1	25.3	1.42
5260.0	0:50	161.6	40	155	9.5	9.6	9.7	8.65	15.1	28.0	1.34
5265.0	0:54	71.2	44	149	9.5	9.6	9.7	8.65	15.1	20.1	1.61
5270.0	1: 6	123.5	37	153	9.5	9.6	9.7	8.65	15.1	27.4	1.36

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2149											
5275.0	1: 7	194.5	40	158	9.5	9.6	9.7	8.65	15.1	29.9	1.26
5280.0	1: 9	140.0	46	156	9.5	9.6	9.7	8.65	15.1	24.7	1.43
5285.0	1:11	164.4	46	156	9.5	9.6	9.7	8.65	15.1	26.1	1.38
5290.0	1:13	192.3	48	155	9.5	9.6	9.7	8.65	15.1	26.9	1.34
5295.0	1:14	212.3	48	155	9.5	9.6	9.7	8.65	15.1	27.7	1.31
5300.0	1:23	129.0	40	152	9.5	9.6	9.7	8.65	15.1	27.0	1.37
5305.0	1:26	118.7	48	152	9.5	9.6	9.7	8.65	15.1	22.1	1.52
5310.0	1:29	126.8	48	152	9.5	9.6	9.8	8.65	15.1	21.9	1.54
5315.0	1:32	105.5	48	152	9.5	9.6	9.8	8.65	15.1	22.0	1.53
5320.0	1:33	218.5	46	153	9.5	9.6	9.8	8.65	15.1	29.6	1.25
2182											
5325.0	1:35	131.3	47	151	9.5	9.6	9.8	8.65	15.1	24.2	1.45
5335.0	1:45	155.4	30	152	9.5	9.6	9.7	8.65	15.2	34.9	1.19
5340.0	1:47	179.9	21	154	9.5	9.6	9.7	8.65	15.2	40.9	1.05
5345.0	1:49	138.3	20	153	9.5	9.6	9.7	8.65	15.2	39.0	1.12
5350.0	1:50	210.6	21	153	9.5	9.6	9.7	8.65	15.2	41.5	1.03
5355.0	1:52	144.4	20	154	9.5	9.6	9.7	8.65	15.2	39.8	1.10
5360.0	1:53	265.1	17	154	9.5	9.6	9.8	8.65	15.2	47.8	.91
5365.0	2: 1	116.6	16	155	9.5	9.6	9.8	8.65	15.2	40.8	1.12
5370.0	2: 5	96.4	16	152	9.5	9.6	9.7	8.65	15.2	40.3	1.14
5375.0	2: 6	169.5	17	152	9.5	9.6	9.7	8.65	15.2	43.7	1.03
2212											
5380.0	2: 9	113.1	17	151	9.5	9.6	9.7	8.65	15.2	40.9	1.11
5385.0	2:13	74.5	15	153	9.5	9.6	9.8	8.65	15.2	39.2	1.19
5390.0	2:18	70.1	34	154	9.5	9.6	9.8	8.65	15.2	25.3	1.49
5395.0	2:25	45.6	38	155	9.5	9.6	9.7	8.65	15.2	18.8	1.69
5400.0	2:35	110.4	43	151	9.5	9.6	9.7	8.65	15.2	24.8	1.47
5405.0	2:38	91.9	51	154	9.5	9.6	9.7	8.65	15.2	20.6	1.60
5410.0	2:41	98.1	50	154	9.5	9.6	9.7	8.65	15.2	21.3	1.58
5415.0	2:46	70.4	51	155	9.5	9.6	9.7	8.65	15.2	17.6	1.73
5420.0	2:50	86.1	51	155	9.5	9.6	9.7	8.65	15.2	19.9	1.64
5425.0	2:54	70.8	49	155	9.5	9.6	9.7	8.65	15.2	18.6	1.69
2262											
5430.0	3:10	87.4	44	154	9.5	9.6	9.7	8.65	15.2	22.5	1.55
5435.0	3:12	112.0	45	158	9.5	9.6	9.7	8.65	15.2	24.1	1.49
5440.0	3:15	112.8	46	159	9.5	9.6	9.7	8.65	15.2	23.9	1.50
5445.0	3:18	92.1	45	159	9.5	9.6	9.7	8.65	15.2	22.5	1.55
5450.0	3:22	92.0	46	159	9.5	9.6	9.7	8.65	15.2	22.1	1.57
5460.0	3:33	99.8	46	157	9.5	9.6	9.7	8.65	15.2	22.9	1.54
5465.0	3:36	95.1	56	154	9.5	9.6	9.7	8.65	15.2	20.1	1.65
5470.0	3:39	114.7	53	156	9.5	9.6	9.7	8.65	15.2	22.2	1.56
5475.0	3:42	104.5	55	155	9.5	9.6	9.7	8.65	15.2	20.9	1.61
5480.0	3:44	113.8	55	154	9.5	9.6	9.7	8.65	15.2	21.9	1.57
2310											
5485.0	3:47	110.5	56	154	9.5	9.6	9.7	8.65	15.2	21.5	1.59
5490.0	3:59	127.5	54	153	9.5	9.6	9.7	8.65	15.2	23.1	1.52
5495.0	4: 2	106.8	50	152	9.5	9.6	9.7	8.65	15.2	22.4	1.55
5500.0	4: 4	113.8	50	152	9.5	9.6	9.7	8.65	15.2	23.1	1.52
5505.0	4: 7	110.9	49	153	9.5	9.6	9.7	8.65	15.2	23.1	1.52
5510.0	4:10	117.7	49	153	9.5	9.6	9.7	8.65	15.2	23.7	1.50
5515.0	4:12	105.8	49	153	9.5	9.6	9.7	8.65	15.2	23.0	1.53
5520.0	4:23	97.8	36	150	9.5	9.6	9.7	8.65	15.2	30.5	1.41
5525.0	4:27	92.0	8	144	9.5	9.6	9.7	8.65	15.2	53.4	.99
5530.0	4:30	109.3	9	144	9.5	9.6	9.7	8.65	15.3	52.9	.97
2358											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2358											
5535.0	4:33	93.6	9	148	9.5	9.6	9.7	8.65	15.3	51.2	1.01
5540.0	4:36	90.2	9	147	9.5	9.6	9.7	8.65	15.3	50.9	1.02
5545.0	4:39	100.8	8	147	9.5	9.6	9.7	8.65	15.3	53.6	.98
5555.0	4:55	99.6	37	143	9.5	9.6	9.7	8.65	15.3	35.2	1.36
5560.0	4:58	94.4	51	140	9.5	9.6	9.7	8.65	15.3	23.6	1.57
5565.0	5: 1	103.2	54	140	9.5	9.6	9.7	8.65	15.3	23.8	1.56
5570.0	5: 4	96.1	55	139	9.5	9.6	9.7	8.65	15.3	23.0	1.60
5575.0	5: 8	94.1	55	140	9.5	9.6	9.7	8.65	15.3	22.8	1.61
5580.0	5:19	80.6	51	141	9.5	9.6	9.7	8.65	15.3	21.5	1.65
5585.0	5:22	102.9	51	146	9.5	9.6	9.7	8.65	15.3	24.0	1.56
2408											
5590.0	5:26	97.6	52	145	9.5	9.6	9.7	8.65	15.3	23.6	1.57
5595.0	5:28	111.7	52	145	9.5	9.6	9.7	8.65	15.3	24.8	1.53
5600.0	5:31	112.6	51	146	9.5	9.6	9.7	8.65	15.3	25.1	1.52
5605.0	5:34	121.3	50	146	9.5	9.6	9.7	8.65	15.3	25.9	1.49
5610.0	5:43	105.3	46	147	9.5	9.6	9.7	8.65	15.3	26.3	1.49
5615.0	5:44	111.0	53	149	9.5	9.6	9.7	8.65	15.3	24.4	1.55
5620.0	5:46	110.0	52	149	9.5	9.6	9.7	8.65	15.3	24.6	1.55
5625.0	5:49	119.7	53	149	9.5	9.6	9.7	8.65	15.3	25.1	1.52
5630.0	5:52	108.1	53	150	9.5	9.6	9.7	8.65	15.3	24.2	1.56
5635.0	5:54	115.1	53	149	9.5	9.6	9.7	8.65	15.3	24.9	1.53
2453											
5640.0	5:57	111.4	53	150	9.5	9.6	9.7	8.65	15.3	24.7	1.54
5645.0	6: 8	101.0	49	151	9.5	9.6	9.7	8.65	15.3	24.5	1.56
5650.0	6:12	88.7	55	153	9.5	9.6	9.7	8.65	15.3	21.4	1.69
5655.0	6:15	99.4	52	156	9.5	9.6	9.7	8.65	15.3	23.6	1.60
5660.0	6:18	103.8	53	155	9.5	9.6	9.7	8.65	15.3	23.8	1.59
5665.0	6:21	100.3	52	155	9.5	9.6	9.7	8.65	15.3	23.8	1.59
5670.0	6:24	99.3	51	156	9.5	9.6	9.7	8.65	15.3	23.8	1.59
5675.0	6:27	112.2	51	155	9.5	9.6	9.7	8.65	15.3	25.1	1.54
5700.0	6:52	105.7	39	151	9.5	9.6	9.7	8.65	15.3	28.9	1.43
5710.0	7: 2	93.9	22	154	9.5	9.6	9.7	8.65	15.3	37.7	1.24
2499											
5715.0	7: 5	101.9	20	155	9.5	9.6	9.7	8.65	15.3	39.3	1.20
5720.0	7: 8	106.1	20	154	9.5	9.6	9.7	8.65	15.3	39.4	1.20
5725.0	7:11	99.0	20	155	9.5	9.6	9.7	8.65	15.3	39.0	1.21
5730.0	7:15	98.8	20	155	9.5	9.6	9.7	8.65	15.3	39.0	1.21
5735.0	7:19	73.2	36	156	9.5	9.6	9.7	8.65	15.4	28.0	1.51
5740.0	7:36	37.5	46	158	9.5	9.6	9.7	8.65	15.4	16.6	1.90
5745.0	7:41	72.7	50	156	9.5	9.6	9.7	8.65	15.4	21.1	1.72
5750.0	7:45	48.2	50	158	9.5	9.6	9.7	8.65	15.4	17.9	1.86
5755.0	7:46	70.0	46	156	9.5	9.6	9.7	8.65	15.4	22.8	1.66
5760.0	7:58	61.7	47	161	9.5	9.6	9.7	8.65	15.4	19.8	1.78
2541											
5765.0	8: 2	71.4	49	161	9.5	9.6	9.7	8.65	15.4	20.1	1.77
5790.0	8:23	82.2	45	160	9.5	9.6	9.7	8.65	15.4	23.8	1.63
5795.0	8:28	137.2	47	161	9.5	9.6	9.7	8.65	15.4	27.9	1.47
5800.0	8:29	179.2	47	160	9.5	9.6	9.7	8.65	15.4	30.6	1.36
5805.0	8:38	243.9	49	141	9.5	9.6	9.7	8.65	15.4	33.4	1.23
5810.0	8:39	214.1	49	161	9.5	9.6	9.7	8.65	15.4	31.8	1.31
5815.0	8:49	35.2	53	164	9.5	9.6	9.7	8.65	15.4	14.8	2.00
5820.0	8:54	83.1	53	160	9.5	9.6	9.7	8.65	15.4	21.1	1.74
5825.0	9: 4	66.9	53	162	9.5	9.6	9.7	8.65	15.4	20.2	1.78
5830.0	9:11	49.3	52	162	9.5	9.6	9.7	8.65	15.4	17.7	1.88
2583											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
2583											
5865.0	9:52	93.8	50	159	9.5	9.6	9.7	8.65	15.4	23.8	1.63
5870.0	9:54	171.7	42	161	9.5	9.6	9.7	8.65	15.4	32.4	1.33
5875.0	9:55	237.6	51	160	9.5	9.6	9.7	8.65	15.4	32.2	1.29
5880.0	9:59	168.9	45	164	9.5	9.6	9.7	8.65	15.4	31.1	1.37
5885.0	10: 1	198.2	40	167	9.5	9.6	9.7	8.65	15.4	34.5	1.26
5890.0	10: 4	104.0	43	165	9.5	9.6	9.7	8.65	15.4	27.0	1.53
5900.0	10:15	103.4	46	162	9.5	9.6	9.7	8.65	15.4	26.5	1.54
5905.0	10:19	106.9	56	162	9.5	9.6	9.7	8.65	15.4	23.8	1.65
5910.0	10:21	120.0	55	163	9.5	9.6	9.7	8.65	15.4	25.5	1.58
5915.0	10:25	89.0	55	164	9.5	9.6	9.7	8.65	15.4	22.1	1.73
2624											
5920.0	10:31	58.4	57	164	9.5	9.6	9.7	8.65	15.4	18.7	1.88
5925.0	10:42	31.7	56	166	9.5	9.6	9.7	8.65	15.4	13.6	2.09
5930.0	11: 0	73.4	50	159	9.5	9.6	9.7	8.65	15.4	21.4	1.76
5935.0	11:14	45.3	39	166	9.5	9.6	9.7	8.65	15.4	19.4	1.84
5940.0	11:24	44.2	35	165	9.5	9.6	9.7	8.65	15.4	22.1	1.75
5945.0	11:28	98.5	32	163	9.5	9.6	9.7	8.65	15.5	30.1	1.47
5950.0	11:35	144.8	35	160	9.5	9.6	9.7	8.65	15.5	30.4	1.45
5955.0	11:37	153.2	28	161	9.5	9.6	9.7	8.65	15.5	37.8	1.22
5960.0	11:52	144.8	34	148	9.5	9.6	9.7	8.65	15.5	35.2	1.27
5965.0	11:54	140.7	52	144	9.5	9.6	9.7	8.65	15.5	28.6	1.44
2667											
5970.0	11:57	122.4	52	151	9.5	9.6	9.7	8.65	15.5	26.1	1.55
5975.0	11:59	174.8	52	153	9.5	9.6	9.7	8.65	15.5	29.9	1.40
5980.0	12: 1	143.2	53	149	9.5	9.6	9.7	8.65	15.5	27.4	1.50
5985.0	12: 5	90.0	56	148	9.5	9.6	9.7	8.65	15.5	23.4	1.68
5995.0	12:23	82.1	53	147	9.5	9.6	9.7	8.65	15.5	23.9	1.65
6000.0	12:40	158.9	35	157	9.5	9.6	9.7	8.65	15.5	35.3	1.27
6005.0	12:42	114.5	23	157	9.5	9.6	9.7	8.65	15.5	39.2	1.23
6010.0	12:55	35.7	37	155	9.5	9.6	9.7	8.65	15.5	19.9	1.83
6015.0	13:22	12.3	43	152	9.5	9.6	9.7	8.65	15.5	10.0	2.21
6020.0	13:49	16.2	45	150	9.5	9.6	9.7	8.65	15.5	10.4	2.19
2712											
6025.0	14:14	34.7	53	151	9.5	9.6	9.7	8.65	15.5	16.0	2.02
6030.0	14:23	52.1	65	161	9.5	9.6	9.7	8.65	15.5	16.3	2.06
6032.0	14:38	8.7	50	164	9.5	9.6	9.7	8.65	15.5	4.8	2.45
NEW BIT ID: 5											
6035.0	2:30	52.9	12	133	9.5	9.5	9.7	8.65	15.5	43.3	1.19
6040.0	2:37	44.0	15	134	9.5	9.5	9.7	8.65	15.5	37.3	1.30
6045.0	2:44	53.9	34	133	9.5	9.5	9.7	8.65	15.5	26.0	1.55
6055.0	2:57	188.5	36	130	9.5	9.5	9.7	8.65	15.5	34.8	1.19
6060.0	3: 2	61.2	35	132	9.5	9.5	9.7	8.65	15.5	26.4	1.52
6065.0	3: 7	55.4	36	133	9.5	9.5	9.7	8.65	15.5	25.3	1.56
6070.0	3:14	46.7	35	134	9.5	9.5	9.7	8.65	15.5	23.0	1.65
2758											
6075.0	3:21	59.4	36	134	9.5	9.5	9.7	8.65	15.5	24.1	1.60
6080.0	3:34	39.7	37	133	9.5	9.5	9.7	8.65	15.5	19.2	1.79
6085.0	3:49	40.5	43	126	9.6	9.6	9.7	8.65	15.5	19.1	1.77
6090.0	3:52	88.9	46	117	9.6	9.6	9.7	8.65	15.5	26.1	1.49
6095.0	3:59	52.5	44	119	9.6	9.6	9.7	8.65	15.5	22.3	1.65
6100.0	4:10	27.7	47	121	9.6	9.6	9.8	8.65	15.5	16.4	1.88
6105.0	4:19	31.8	47	130	9.6	9.6	9.8	8.65	15.5	17.1	1.86

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
2790											
6110.0	4:27	45.2	47	133	9.6	9.6	9.8	8.65	15.5	19.7	1.76
6120.0	4:44	106.3	47	126	9.6	9.6	9.8	8.65	15.5	26.0	1.51
6125.0	4:45	229.0	38	132	9.6	9.6	9.8	8.65	15.5	37.3	1.12
6130.0	4:49	211.5	39	123	9.6	9.6	9.8	8.65	15.5	36.5	1.14
6135.0	4:51	208.1	33	129	9.6	9.6	9.8	8.65	15.5	38.7	1.10
6140.0	4:52	251.6	31	136	9.6	9.6	9.8	8.65	15.5	41.1	1.04
6150.0	5: 2	384.4	34	133	9.6	9.6	9.8	8.65	15.5	43.5	.92
6155.0	5: 3	154.4	34	132	9.6	9.6	9.8	8.65	15.6	35.5	1.22
6160.0	5: 5	174.0	39	132	9.6	9.6	9.8	8.65	15.6	34.6	1.22
6165.0	5:10	99.6	43	134	9.6	9.6	9.8	8.65	15.6	27.1	1.50
2820											
6170.0	5:18	67.0	46	136	9.6	9.6	9.8	8.65	15.6	20.7	1.73
6175.0	5:26	65.6	45	135	9.6	9.6	9.8	8.65	15.6	21.9	1.69
6180.0	5:40	77.4	48	128	9.6	9.6	9.8	8.65	15.6	23.3	1.62
6185.0	5:46	74.1	50	132	9.6	9.6	9.8	8.65	15.6	22.2	1.67
6190.0	5:56	32.2	52	134	9.6	9.6	9.8	8.65	15.6	15.9	1.93
6195.0	6: 4	39.3	51	133	9.6	9.6	9.8	8.65	15.6	17.8	1.85
6200.0	6: 7	138.1	47	131	9.6	9.6	9.8	8.65	15.6	28.8	1.41
6205.0	6:15	71.2	50	133	9.6	9.6	9.8	8.65	15.6	21.4	1.73
6210.0	6:28	74.8	55	143	9.6	9.6	9.8	8.65	15.6	22.0	1.70
6220.0	6:33	79.1	58	151	9.6	9.6	9.8	8.65	15.6	22.1	1.71
2870											
6225.0	6:38	57.2	57	152	9.6	9.6	9.8	8.65	15.6	19.3	1.84
6230.0	6:50	32.8	56	142	9.6	9.6	9.8	8.65	15.6	14.3	2.04
6235.0	7: 5	20.2	58	138	9.6	9.6	9.8	8.65	15.6	11.4	2.16
6240.0	7:17	116.9	56	130	9.6	9.6	9.8	8.65	15.6	26.7	1.50
6245.0	7:26	80.3	61	129	9.6	9.6	9.8	8.65	15.6	20.1	1.82
6250.0	7:28	140.3	61	130	9.6	9.6	9.8	8.65	15.6	27.5	1.49
6255.0	7:30	129.7	61	131	9.6	9.6	9.8	8.65	15.6	27.0	1.51
6260.0	7:36	161.7	57	124	9.6	9.6	9.8	8.65	15.6	29.6	1.39
6265.0	7:41	73.0	53	138	9.6	9.6	9.8	8.65	15.6	22.8	1.67
6270.0	7:46	55.2	53	136	9.6	9.6	9.8	8.65	15.6	21.0	1.75
2913											
6305.0	8:38	299.0	53	131	9.6	9.6	9.8	8.65	15.6	35.7	1.14
6310.0	8:45	95.5	52	141	9.6	9.6	9.8	8.65	15.6	21.9	1.72
6355.0	9:17	84.9	34	117	9.6	9.6	9.8	8.65	15.6	36.4	1.28
6360.0	9:19	159.0	30	135	9.6	9.6	9.8	8.65	15.6	40.0	1.16
6365.0	9:21	150.5	30	135	9.6	9.6	9.8	8.65	15.6	40.0	1.17
6370.0	9:36	82.5	45	129	9.6	9.6	9.8	8.65	15.7	27.6	1.57
6375.0	9:40	74.1	49	140	9.6	9.6	9.8	8.65	15.7	25.9	1.62
6380.0	9:44	77.6	48	140	9.6	9.6	9.8	8.65	15.7	26.1	1.61
6385.0	9:46	161.4	47	139	9.6	9.6	9.8	8.65	15.7	33.1	1.33
6390.0	9:59	179.8	44	123	9.6	9.6	9.8	8.65	15.7	35.8	1.23
2959											
6395.0	10: 1	175.0	49	133	9.6	9.6	9.8	8.65	15.7	33.7	1.30
6400.0	10: 3	162.0	43	133	9.6	9.6	9.8	8.65	15.7	35.4	1.27
6405.0	10:14	127.5	50	127	9.6	9.6	9.8	8.65	15.7	30.4	1.43
6410.0	10:17	167.5	53	136	9.6	9.6	9.8	8.65	15.7	30.4	1.43
6440.0	10:18	38.0	53	138	9.6	9.6	9.9	8.65	15.7	20.0	1.88
6445.0	10:27	36.2	48	141	9.6	9.6	9.9	8.65	15.7	20.8	1.85
6450.0	10:34	93.7	42	139	9.6	9.6	9.9	8.65	15.7	25.0	1.69
6455.0	10:35	209.9	40	138	9.6	9.6	9.9	8.65	15.7	38.3	1.17
6460.0	10:49	210.0	37	140	9.6	9.6	9.8	8.65	15.7	39.6	1.14
6490.0	10:57	210.0	46	140	9.6	9.6	9.8	8.65	15.7	36.1	1.23
2986											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
2986											
6495.0	10:59	209.3	30	141	9.6	9.6	9.8	8.65	15.7	42.9	1.08
6500.0	11: 0	184.2	30	141	9.6	9.6	9.8	8.65	15.7	41.7	1.12
6505.0	11: 2	198.0	31	140	9.6	9.6	9.9	8.65	15.7	41.8	1.11
6510.0	11: 3	201.6	32	141	9.6	9.6	9.9	8.65	15.7	41.4	1.12
6515.0	11: 5	154.6	33	142	9.6	9.6	9.9	8.65	15.7	38.0	1.24
6525.0	11:14	161.3	35	141	9.6	9.6	9.9	8.65	15.7	38.2	1.22
6530.0	11:17	115.7	50	140	9.6	9.6	9.9	8.65	15.7	29.5	1.50
6535.0	11:24	57.5	52	146	9.6	9.6	9.9	8.65	15.7	22.8	1.78
6540.0	11:33	38.9	53	146	9.6	9.6	9.9	8.65	15.7	19.9	1.90
6545.0	11:45	27.5	50	141	9.6	9.6	9.8	8.65	15.7	17.7	1.99
3028											
6550.0	12: 4	17.0	54	142	9.6	9.6	9.8	8.65	15.7	13.1	2.20
6555.0	12:13	52.5	53	138	9.6	9.6	9.8	8.65	15.7	21.2	1.85
6560.0	12:49	220.3	42	116	9.6	9.6	9.8	8.65	15.7	38.1	1.17
6565.0	12:51	167.9	53	149	9.6	9.6	9.8	8.65	15.7	31.6	1.41
6570.0	12:52	167.8	52	147	9.6	9.6	9.8	8.65	15.7	32.4	1.38
6575.0	12:54	188.4	49	146	9.6	9.6	9.8	8.65	15.7	33.6	1.34
6580.0	12:55	269.0	51	145	9.6	9.6	9.8	8.65	15.7	36.5	1.21
6585.0	13:13	30.1	53	141	9.6	9.6	9.8	8.65	15.7	15.3	2.11
6587.0	13:26	6.5	53	142	9.6	9.6	9.8	8.65	15.7	5.3	2.54
NEW BIT ID: 6											
6610.0	23:18	150.0	45	171	9.5	9.5	9.7	8.65	15.8	30.8	1.42
3068											
6615.0	23:19	186.0	45	146	9.5	9.5	9.7	8.65	15.8	33.4	1.29
6620.0	23:19	144.6	45	143	9.5	9.5	9.7	8.65	15.8	31.5	1.37
6625.0	23:20	187.0	45	151	9.5	9.5	9.7	8.65	15.8	33.3	1.30
6630.0	23:21	234.1	45	144	9.5	9.5	9.7	8.65	15.8	35.5	1.21
6635.0	23:23	256.5	45	126	9.5	9.5	9.7	8.65	15.8	37.1	1.13
6640.0	23:24	215.6	45	128	9.5	9.5	9.7	8.65	15.8	35.6	1.20
6645.0	23:31	53.7	48	133	9.5	9.5	9.7	8.65	15.8	22.6	1.75
6650.0	23:45	62.4	46	130	9.5	9.5	9.7	8.65	15.8	22.9	1.72
6655.0	23:52	60.1	45	134	9.5	9.5	9.7	8.65	15.8	24.8	1.65
6660.0	23:56	81.9	43	128	9.5	9.5	9.7	8.65	15.8	28.2	1.52
3096											
6665.0	0: 0	89.4	44	128	9.5	9.5	9.7	8.65	15.8	27.7	1.53
6670.0	0: 2	103.5	41	129	9.5	9.5	9.7	8.65	15.8	30.7	1.42
6675.0	0: 5	123.3	45	128	9.5	9.5	9.7	8.65	15.8	31.0	1.39
6680.0	0: 7	155.3	40	129	9.5	9.5	9.7	8.65	15.8	34.7	1.27
6685.0	0:16	183.5	48	122	9.5	9.5	9.7	8.65	15.8	33.7	1.27
6690.0	0:17	168.3	42	125	9.5	9.5	9.7	8.65	15.8	34.8	1.25
6695.0	0:19	204.7	45	125	9.5	9.5	9.7	8.65	15.8	35.8	1.20
6700.0	0:21	155.6	46	130	9.5	9.5	9.7	8.65	15.8	32.3	1.35
6705.0	0:23	175.2	47	130	9.5	9.5	9.8	8.65	15.8	33.5	1.29
6710.0	0:25	185.7	47	130	9.5	9.5	9.8	8.65	15.8	34.1	1.27
3134											
6715.0	0:33	514.7	40	110	9.5	9.5	9.8	8.65	15.8	44.5	.88
6720.0	0:38	96.5	43	126	9.5	9.5	9.8	8.65	15.8	28.4	1.52
6725.0	0:48	31.6	45	130	9.5	9.5	9.8	8.65	15.8	20.5	1.85
6730.0	0:51	107.4	43	128	9.5	9.5	9.8	8.65	15.8	30.7	1.44
6735.0	0:54	114.4	42	132	9.5	9.5	9.8	8.65	15.8	31.9	1.40
6740.0	0:59	64.7	42	135	9.5	9.5	9.8	8.65	15.8	27.1	1.59
6745.0	1:13	84.9	43	131	9.5	9.5	9.8	8.65	15.8	25.1	1.68

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
3165											
6750.0	1:22	33.4	46	131	9.5	9.5	9.7	8.65	15.8	20.7	1.85
6755.0	1:29	47.7	46	132	9.5	9.5	9.7	8.65	15.8	23.1	1.75
6760.0	1:42	22.4	48	133	9.5	9.5	9.7	8.65	15.8	16.6	2.02
6765.0	1:51	66.6	44	132	9.5	9.5	9.7	8.65	15.8	25.1	1.67
6770.0	1:57	59.4	46	133	9.5	9.5	9.7	8.65	15.8	24.7	1.69
6775.0	2:11	50.4	48	132	9.5	9.5	9.7	8.65	15.8	23.0	1.76
6780.0	2:13	120.8	45	127	9.5	9.5	9.7	8.65	15.8	31.7	1.40
6785.0	2:15	159.0	47	126	9.5	9.5	9.7	8.65	15.8	33.3	1.32
6790.0	2:17	192.8	46	127	9.5	9.5	9.7	8.65	15.8	35.3	1.24
6795.0	2:19	168.6	48	128	9.5	9.5	9.8	8.65	15.8	32.7	1.35
3211											
6800.0	2:21	209.3	48	128	9.5	9.5	9.8	8.65	15.8	35.3	1.24
6805.0	2:29	137.8	48	126	9.5	9.5	9.8	8.65	15.8	31.8	1.38
6810.0	2:32	119.1	40	137	9.5	9.5	9.8	8.65	15.8	33.2	1.37
6815.0	2:37	66.6	42	140	9.5	9.5	9.8	8.65	15.9	27.4	1.60
6820.0	2:44	45.0	46	142	9.5	9.5	9.8	8.65	15.9	23.1	1.77
6825.0	2:49	53.5	46	142	9.5	9.5	9.8	8.65	15.9	24.5	1.71
6830.0	2:52	133.3	45	141	9.5	9.5	9.8	8.65	15.9	32.1	1.40
6840.0	3: 2	158.6	45	136	9.5	9.5	9.8	8.65	15.9	33.3	1.35
6845.0	3: 5	98.9	46	138	9.5	9.5	9.8	8.65	15.9	29.7	1.50
6850.0	3:10	55.6	48	140	9.5	9.5	9.8	8.65	15.9	24.5	1.71
3256											
6855.0	3:16	53.0	48	138	9.5	9.5	9.8	8.65	15.9	24.0	1.74
6860.0	3:23	49.5	48	139	9.5	9.5	9.8	8.65	15.9	23.4	1.76
6865.0	3:28	74.5	47	137	9.5	9.5	9.8	8.65	15.9	26.5	1.63
6870.0	3:40	110.6	45	137	9.5	9.5	9.8	8.65	15.9	31.0	1.45
6875.0	3:53	34.1	48	140	9.5	9.5	9.7	8.65	15.9	20.4	1.90
6880.0	3:59	62.6	47	137	9.5	9.5	9.7	8.65	15.9	25.3	1.69
6885.0	4: 2	84.1	47	138	9.5	9.5	9.7	8.65	15.9	28.2	1.57
6890.0	4:10	63.1	45	138	9.5	9.5	9.7	8.65	15.9	25.0	1.71
6895.0	4:21	105.6	45	137	9.5	9.5	9.7	8.65	15.9	30.2	1.49
6900.0	4:25	69.3	47	140	9.5	9.5	9.7	8.65	15.9	25.9	1.67
3303											
6905.0	4:39	51.3	51	141	9.5	9.5	9.7	8.65	15.9	19.3	1.96
6910.0	5:18	10.2	48	136	9.5	9.5	9.7	8.65	15.9	11.0	2.30
6915.0	5:34	24.6	43	135	9.5	9.5	9.7	8.65	15.9	19.1	1.96
6920.0	5:46	29.7	43	136	9.5	9.5	9.7	8.65	15.9	21.0	1.88
6935.0	6: 5	42.4	51	128	9.5	9.5	9.8	8.65	15.9	22.8	1.82
6940.0	6:12	44.2	56	131	9.5	9.5	9.8	8.65	15.9	21.8	1.87
6945.0	6:17	78.0	50	131	9.5	9.5	9.8	8.65	15.9	26.9	1.64
6950.0	6:20	101.6	51	130	9.5	9.5	9.8	8.65	15.9	29.4	1.53
6965.0	6:30	95.7	50	121	9.5	9.5	9.8	8.65	15.9	29.6	1.52
6970.0	6:34	82.6	49	129	9.5	9.5	9.8	8.65	15.9	28.6	1.58
3355											
6975.0	6:56	26.6	49	131	9.5	9.5	9.8	8.65	15.9	17.0	2.09
6980.0	7: 1	76.2	52	128	9.5	9.5	9.7	8.65	15.9	25.9	1.71
6985.0	7: 4	133.0	46	128	9.5	9.5	9.7	8.65	15.9	32.8	1.41
6990.0	7: 9	99.0	47	130	9.5	9.5	9.7	8.65	15.9	29.1	1.57
6995.0	7:21	345.5	46	119	9.5	9.5	9.7	8.65	15.9	41.9	1.02
7000.0	7:25	97.5	49	135	9.5	9.5	9.7	8.65	15.9	28.7	1.58
7005.0	7:30	68.8	52	131	9.5	9.5	9.7	8.65	15.9	25.8	1.71
7010.0	7:35	82.4	54	126	9.5	9.5	9.7	8.65	15.9	27.4	1.63
7015.0	7:40	65.4	55	126	9.5	9.5	9.7	8.65	15.9	25.5	1.72
7020.0	7:49	34.2	55	130	9.5	9.5	9.7	8.65	15.9	20.4	1.96
3398											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
3398											
7025.0	8: 1	32.3	56	130	9.5	9.5	9.7	8.65	15.9	20.0	1.98
7030.0	8:10	40.0	53	127	9.5	9.5	9.7	8.65	15.9	22.2	1.87
7035.0	8:21	36.3	55	131	9.5	9.5	9.7	8.65	15.9	19.6	1.99
7040.0	8:34	24.9	55	133	9.5	9.5	9.7	8.65	15.9	17.7	2.08
7045.0	8:56	18.1	56	133	9.5	9.5	9.7	8.65	16.0	14.7	2.22
7050.0	9: 6	53.0	55	130	9.3	9.5	9.7	8.65	16.0	22.1	1.89
7055.0	9:16	32.6	56	134	9.3	9.5	9.7	8.65	16.0	19.8	2.00
7060.0	9:28	44.2	53	128	9.3	9.5	9.6	8.65	16.0	22.1	1.88
7065.0	9:34	107.6	50	129	9.3	9.5	9.6	8.65	16.0	27.6	1.64
7070.0	9:45	102.4	45	129	9.3	9.5	9.5	8.65	16.0	29.0	1.61
3443											
7075.0	9:52	53.6	55	131	9.3	9.5	9.5	8.65	16.0	22.9	1.86
7080.0	9:57	114.9	54	129	9.3	9.5	9.5	8.65	16.0	27.5	1.65
7085.0	9:58	197.6	54	127	9.3	9.5	9.5	8.65	16.0	34.3	1.33
7090.0	10: 8	192.4	54	123	9.3	9.5	9.5	8.65	16.0	33.8	1.35
7095.0	10:12	91.3	57	125	9.3	9.5	9.5	8.65	16.0	26.9	1.69
7100.0	10:18	75.1	57	127	9.3	9.5	9.5	8.65	16.0	24.6	1.80
7105.0	10:33	24.5	59	129	9.3	9.5	9.5	8.65	16.0	16.3	2.20
7107.0	10:55	7.8	60	133	9.3	9.5	9.5	8.65	16.0	6.8	2.66
NEW BIT ID: 7											
7115.0	18:52	20.7	45	144	9.4	9.4	9.5	8.65	16.0	17.1	2.05
7120.0	19: 0	44.6	49	133	9.4	9.4	9.5	8.65	16.0	21.7	1.85
3487											
7125.0	19:20	87.3	55	133	9.4	9.4	9.5	8.65	16.0	24.8	1.73
7130.0	19:22	165.4	56	131	9.4	9.4	9.6	8.65	16.0	31.6	1.41
7135.0	19:27	58.0	55	137	9.4	9.4	9.6	8.65	16.0	22.9	1.82
7140.0	19:35	82.2	47	137	9.4	9.4	9.6	8.65	16.0	23.8	1.79
7145.0	19:40	89.3	43	139	9.4	9.4	9.6	8.65	16.0	29.3	1.55
7150.0	19:42	125.3	43	141	9.4	9.4	9.6	8.65	16.0	32.5	1.42
7155.0	19:57	141.4	51	133	9.4	9.4	9.6	8.65	16.0	31.2	1.44
7160.0	19:59	141.0	51	139	9.4	9.4	9.6	8.65	16.0	31.1	1.45
7165.0	20: 2	114.0	50	139	9.4	9.4	9.6	8.65	16.0	29.9	1.51
7170.0	20: 4	142.5	52	140	9.4	9.4	9.6	8.65	16.0	30.8	1.46
3528											
7175.0	20: 9	63.2	53	144	9.4	9.4	9.6	8.65	16.0	24.1	1.77
7185.0	20:18	206.7	49	143	9.4	9.4	9.6	8.65	16.0	34.2	1.33
7190.0	20:20	171.3	47	144	9.4	9.4	9.6	8.65	16.0	33.9	1.36
7195.0	20:22	151.0	48	146	9.4	9.4	9.6	8.65	16.0	32.8	1.41
7200.0	20:25	124.4	49	148	9.4	9.4	9.6	8.65	16.0	30.9	1.49
7205.0	20:27	115.5	48	148	9.4	9.4	9.6	8.65	16.0	30.5	1.51
7210.0	20:31	103.2	46	149	9.4	9.4	9.6	8.65	16.0	29.6	1.55
7215.0	20:40	167.0	44	146	9.4	9.4	9.6	8.65	16.0	35.2	1.32
7220.0	20:41	201.6	48	142	9.4	9.4	9.6	8.65	16.0	35.2	1.30
7225.0	20:50	55.5	50	145	9.4	9.4	9.6	8.65	16.0	23.3	1.83
3566											
7230.0	21: 6	21.4	48	142	9.4	9.4	9.6	8.65	16.0	17.4	2.08
7235.0	21:17	73.2	38	139	9.4	9.4	9.6	8.65	16.0	27.4	1.68
7240.0	21:20	117.5	36	144	9.4	9.4	9.6	8.65	16.0	34.1	1.41
7250.0	21:41	72.4	44	143	9.4	9.4	9.6	8.65	16.0	27.5	1.67
7255.0	22: 1	19.5	61	141	9.4	9.4	9.5	8.65	16.0	14.3	2.30
7260.0	22:12	30.1	64	141	9.4	9.4	9.5	8.65	16.0	17.3	2.19
7265.0	22:15	98.1	59	140	9.4	9.4	9.5	8.65	16.0	27.6	1.66

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
3605											
7270.0	22:19	88.4	63	139	9.4	9.4	9.5	8.65	16.0	26.3	1.74
7275.0	22:23	91.7	51	143	9.4	9.4	9.5	8.65	16.1	28.2	1.62
7280.0	22:31	111.6	44	150	9.4	9.4	9.5	8.65	16.1	31.2	1.48
7285.0	22:34	115.2	47	152	9.4	9.4	9.5	8.65	16.1	30.4	1.51
7290.0	22:36	129.9	48	143	9.4	9.4	9.5	8.65	16.1	31.5	1.45
7295.0	22:40	103.9	43	140	9.4	9.4	9.5	8.65	16.1	31.4	1.47
7300.0	22:43	104.5	47	139	9.4	9.4	9.6	8.65	16.1	30.2	1.54
7305.0	22:46	126.1	48	141	9.4	9.4	9.6	8.65	16.1	31.9	1.46
7310.0	22:55	154.5	47	140	9.4	9.4	9.6	8.65	16.1	33.7	1.39
7315.0	22:57	149.2	57	161	9.4	9.4	9.6	8.65	16.1	31.0	1.53
3647											
7320.0	22:59	153.9	53	151	9.4	9.4	9.6	8.65	16.1	32.6	1.45
7325.0	23: 1	141.4	36	150	9.4	9.4	9.6	8.65	16.1	37.2	1.30
7330.0	23: 3	162.6	32	151	9.4	9.4	9.6	8.65	16.1	39.9	1.22
7335.0	23: 7	86.2	36	146	9.4	9.4	9.6	8.65	16.1	32.7	1.48
7340.0	23:11	116.9	34	146	9.4	9.4	9.6	8.65	16.1	34.6	1.41
7345.0	23:22	119.5	49	140	9.4	9.4	9.6	8.65	16.1	29.5	1.60
7350.0	23:48	12.3	50	142	9.4	9.4	9.5	8.65	16.1	13.1	2.31
7355.0	0:18	16.2	50	136	9.4	9.4	9.5	8.65	16.1	14.7	2.23
7360.0	0:34	18.9	50	128	9.4	9.4	9.5	8.65	16.1	17.6	2.12
7365.0	0:45	30.6	50	131	9.4	9.4	9.5	8.65	16.1	20.9	1.98
3693											
7375.0	1: 1	61.7	47	130	9.4	9.4	9.5	8.65	16.1	27.5	1.69
7380.0	1:10	45.1	47	133	9.4	9.4	9.6	8.65	16.1	24.5	1.83
7385.0	1:27	19.0	52	137	9.4	9.4	9.6	8.65	16.1	16.9	2.17
7390.0	1:36	55.1	50	138	9.4	9.4	9.6	8.65	16.1	24.5	1.82
7395.0	1:41	81.4	49	136	9.4	9.4	9.6	8.65	16.1	28.8	1.64
7400.0	1:48	53.4	49	137	9.4	9.4	9.6	8.65	16.1	25.3	1.79
7405.0	2: 1	51.2	50	129	9.4	9.4	9.6	8.65	16.1	25.3	1.78
7410.0	2:10	39.7	50	133	9.4	9.4	9.6	8.65	16.1	22.8	1.91
7415.0	2:13	105.0	49	133	9.4	9.4	9.6	8.65	16.1	31.5	1.51
7420.0	2:16	105.7	49	134	9.4	9.4	9.6	8.65	16.1	32.0	1.50
3743											
7425.0	2:28	46.5	51	138	9.4	9.4	9.6	8.65	16.1	21.7	1.96
7430.0	2:52	22.2	56	139	9.4	9.4	9.6	8.65	16.1	17.4	2.19
7435.0	3:41	9.3	56	138	9.4	9.4	9.6	8.65	16.1	10.5	2.52
NEW BIT ID: 8											
7440.0	12: 8	27.0	46	57	9.4	9.4	9.6	8.64	16.1	26.5	1.65
7445.0	12:14	62.0	49	53	9.4	9.4	9.5	8.65	16.1	31.6	1.41
7450.0	12:18	91.0	50	55	9.4	9.4	9.5	8.65	16.1	34.2	1.29
7455.0	12:21	103.0	52	55	9.4	9.4	9.5	8.65	16.1	34.7	1.26
7460.0	12:24	89.8	53	54	9.4	9.4	9.5	8.65	16.1	34.2	1.29
7465.0	12:28	77.8	53	54	9.4	9.4	9.5	8.65	16.1	33.1	1.34
7470.0	12:38	174.6	52	46	9.4	9.4	9.5	8.65	16.1	39.3	1.06
3793											
7475.0	12:41	90.6	50	60	9.4	9.4	9.5	8.65	16.1	34.3	1.30
7480.0	12:47	51.3	52	56	9.4	9.4	9.6	8.65	16.1	29.9	1.49
7485.0	12:52	71.1	49	55	9.4	9.4	9.6	8.65	16.1	33.2	1.35
7490.0	13: 1	41.5	49	56	9.4	9.4	9.6	8.65	16.1	28.5	1.56
7495.0	13: 8	67.1	50	54	9.4	9.4	9.6	8.65	16.1	31.8	1.41
7500.0	13:20	78.0	51	52	9.4	9.4	9.6	8.65	16.1	33.9	1.31
7505.0	13:22	146.2	50	57	9.4	9.4	9.5	8.65	16.1	38.4	1.11
7510.0	13:45	16.7	49	56	9.4	9.4	9.5	8.65	16.2	21.9	1.86
7515.0	13:57	26.6	44	56	9.4	9.4	9.5	8.65	16.2	27.0	1.65
7520.0	14: 4	44.7	45	55	9.4	9.4	9.5	8.65	16.2	31.0	1.47
3841											

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DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
3841											
7525.0	14: 8	67.6	45	56	9.4	9.4	9.5	8.65	16.2	34.0	1.34
7530.0	14:13	70.4	51	57	9.4	9.4	9.6	8.65	16.2	32.3	1.40
7535.0	14:34	100.3	47	54	9.4	9.4	9.5	8.65	16.2	36.8	1.21
7540.0	14:39	60.7	52	57	9.4	9.4	9.5	8.65	16.2	31.2	1.44
7545.0	14:45	49.9	51	58	9.4	9.4	9.5	8.65	16.2	29.7	1.51
7550.0	15: 2	30.0	52	56	9.4	9.4	9.6	8.65	16.2	25.5	1.73
7555.0	15: 7	68.6	-4	56	9.4	9.4	9.6	8.65	16.2	52.5	2.70
7560.0	15:22	62.4	48	57	9.5	9.4	9.6	8.65	16.2	27.4	1.65
7565.0	15:35	120.9	50	60	9.5	9.4	9.6	8.65	16.2	37.6	1.18
7570.0	16: 8	14.4	57	61	9.5	9.4	9.7	8.65	16.2	18.9	2.05
3890											
7575.0	16:43	14.6	48	54	9.5	9.5	9.7	8.65	16.2	22.1	1.88
7580.0	17: 0	19.7	50	59	9.5	9.5	9.7	8.65	16.2	23.2	1.83
7585.0	17:38	12.3	49	60	9.5	9.5	9.7	8.65	16.2	19.4	2.00
7595.0	18: 3	52.8	48	52	9.5	9.5	9.7	8.65	16.2	32.0	1.45
7600.0	18:14	31.4	52	55	9.5	9.5	9.7	8.65	16.2	27.5	1.66
7605.0	18:34	21.8	52	63	9.5	9.5	9.7	8.65	16.2	23.9	1.83
7610.0	19: 9	10.3	51	62	9.5	9.5	9.7	8.65	16.2	18.5	2.08
7615.0	19:32	15.5	55	64	9.5	9.5	9.7	8.65	16.2	20.8	1.99
7625.0	19:49	83.7	53	66	9.5	9.5	9.7	8.65	16.2	30.1	1.55
7630.0	20: 0	34.2	53	66	9.5	9.5	9.7	8.65	16.2	25.9	1.75
3937											
7635.0	20:13	50.0	52	63	9.5	9.5	9.7	8.65	16.2	27.7	1.67
7640.0	20:19	54.4	49	62	9.5	9.5	9.7	8.65	16.2	31.6	1.49
7645.0	20:25	63.9	50	60	9.5	9.5	9.7	8.65	16.2	33.0	1.43
7650.0	20:36	27.7	54	62	9.5	9.5	9.7	8.65	16.2	25.5	1.77
7660.0	21:19	22.1	54	66	9.5	9.5	9.7	8.65	16.2	22.7	1.91
7665.0	21:34	23.6	54	68	9.5	9.5	9.7	8.65	16.2	23.7	1.86
7670.0	21:41	47.2	55	66	9.5	9.5	9.7	8.65	16.2	29.0	1.63
7675.0	21:54	26.2	59	65	9.5	9.5	9.7	8.65	16.2	24.2	1.87
7680.0	22:11	22.4	59	63	9.5	9.5	9.7	8.65	16.2	23.3	1.91
7690.0	22:33	31.3	54	61	9.5	9.5	9.7	8.65	16.2	26.6	1.73
3990											
7695.0	22:46	29.3	53	64	9.5	9.5	9.7	8.65	16.2	25.6	1.77
7700.0	23: 1	21.1	51	56	9.5	9.5	9.7	8.65	16.2	25.1	1.78
7705.0	23:27	12.6	50	60	9.5	9.5	9.7	8.65	16.2	20.9	1.98
7710.0	23:49	17.8	48	60	9.5	9.5	9.7	8.65	16.2	24.4	1.82
7715.0	23:56	56.5	46	61	9.5	9.5	9.7	8.65	16.2	32.5	1.46
7720.0	0:13	52.1	53	62	9.5	9.5	9.6	8.65	16.2	30.9	1.52
7725.0	0:26	24.1	61	64	9.5	9.5	9.6	8.65	16.2	23.7	1.90
7730.0	0:38	24.8	66	63	9.5	9.5	9.6	8.65	16.2	23.8	1.93
7735.0	0:54	21.2	63	62	9.5	9.5	9.6	8.65	16.2	22.6	1.97
7740.0	1:13	16.7	62	66	9.5	9.5	9.6	8.65	16.2	20.9	2.05
4037											
7745.0	1:23	52.5	60	68	9.5	9.5	9.7	8.65	16.2	27.5	1.73
7750.0	1:38	20.4	65	67	9.5	9.5	9.7	8.65	16.2	22.3	2.02
7755.0	1:58	22.4	65	66	9.5	9.5	9.7	8.65	16.3	22.9	1.98
7760.0	2: 6	51.3	68	65	9.5	9.5	9.7	8.65	16.3	28.4	1.73
7765.0	2:15	34.7	67	65	9.5	9.5	9.7	8.65	16.3	26.3	1.83
7770.0	2:32	19.0	63	66	9.5	9.5	9.7	8.65	16.3	21.7	2.03
7775.0	2:46	25.3	61	65	9.5	9.5	9.7	8.65	16.3	24.0	1.91
7780.0	3: 7	26.6	57	66	9.5	9.5	9.6	8.65	16.3	24.5	1.85
7785.0	3:35	15.4	60	67	9.5	9.5	9.6	8.65	16.3	20.2	2.09
7790.0	3:53	17.5	61	67	9.5	9.5	9.6	8.65	16.3	21.3	2.04
4086											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
4086											
7795.0	4: 3	43.2	62	66	9.5	9.5	9.6	8.65	16.3	27.8	1.73
7800.0	4:12	35.7	62	66	9.5	9.5	9.6	8.65	16.3	26.6	1.79
7805.0	4:22	32.9	59	66	9.6	9.5	9.6	8.65	16.3	26.2	1.79
7810.0	4:36	23.1	60	67	9.6	9.5	9.7	8.65	16.3	23.8	1.91
7815.0	5: 2	15.9	60	67	9.6	9.5	9.7	8.65	16.3	21.0	2.05
7820.0	5:21	16.4	65	69	9.6	9.5	9.7	8.65	16.3	20.7	2.09
7825.0	5:38	17.7	65	69	9.7	9.6	9.7	8.65	16.3	21.5	2.06
7830.0	5:52	24.2	64	70	9.7	9.6	9.8	8.65	16.3	23.7	1.95
7835.0	6: 7	22.0	65	69	9.8	9.6	9.8	8.65	16.3	23.0	1.98
7840.0	6:23	19.7	65	69	9.9	9.7	9.8	8.65	16.3	22.6	2.00
4135											
7845.0	6:45	22.9	64	68	9.9	9.7	9.9	8.65	16.3	24.2	1.91
7850.0	6:57	28.5	61	68	10.0	9.8	9.9	8.65	16.3	25.9	1.81
7855.0	7: 9	28.6	60	71	10.0	9.8	10.0	8.65	16.3	26.5	1.78
7860.0	7:19	30.2	58	71	10.0	9.9	10.1	8.65	16.3	27.4	1.73
7865.0	7:28	40.4	56	71	10.0	9.9	10.1	8.65	16.3	29.4	1.63
7870.0	7:41	24.4	58	73	10.0	9.9	10.1	8.65	16.3	25.7	1.81
7875.0	8: 3	18.8	59	70	10.0	9.9	10.2	8.65	16.3	23.7	1.91
7880.0	8:22	17.8	59	66	10.0	9.9	10.2	8.65	16.3	23.6	1.92
7885.0	8:29	68.5	57	66	10.0	9.9	10.2	8.65	16.3	33.2	1.47
7890.0	8:36	48.2	61	65	10.0	10.0	10.2	8.65	16.3	31.0	1.59
4184											
7895.0	8:43	51.0	61	65	10.0	10.0	10.2	8.65	16.3	32.0	1.54
7900.0	8:48	52.7	59	64	10.0	10.0	10.2	8.65	16.3	32.8	1.50
7910.0	9: 1	44.6	61	60	10.0	10.0	10.2	8.65	16.3	31.8	1.56
7915.0	9: 8	49.3	59	61	10.0	10.0	10.2	8.65	16.3	32.6	1.51
7920.0	9:13	60.4	62	62	10.0	10.0	10.2	8.65	16.3	34.0	1.46
7925.0	9:19	50.2	62	62	10.0	10.0	10.2	8.65	16.3	32.6	1.53
7930.0	9:24	54.9	62	63	10.0	10.0	10.2	8.65	16.3	33.2	1.50
7935.0	9:30	54.3	60	63	10.0	10.0	10.2	8.65	16.3	33.2	1.50
7940.0	9:42	57.9	62	60	10.0	10.0	10.2	8.65	16.3	33.8	1.47
7945.0	9:47	67.6	59	63	10.0	10.0	10.2	8.65	16.3	34.7	1.42
4235											
7950.0	9:53	61.3	57	63	10.0	10.0	10.2	8.65	16.3	33.8	1.46
7955.0	10: 1	38.9	60	64	10.0	10.0	10.2	8.65	16.3	30.7	1.61
7960.0	10: 7	55.4	60	64	10.0	10.0	10.2	8.65	16.3	33.2	1.50
7965.0	10:12	54.3	59	65	10.0	10.0	10.2	8.65	16.3	33.3	1.49
7970.0	10:23	108.2	57	60	10.0	10.0	10.2	8.65	16.3	36.9	1.32
7975.0	10:36	34.7	65	62	10.0	10.0	10.2	8.65	16.3	28.4	1.76
7980.0	10:43	45.5	63	63	10.0	10.0	10.2	8.65	16.3	31.7	1.59
7985.0	10:50	51.5	66	63	10.0	10.0	10.2	8.65	16.3	32.3	1.58
7990.0	10:55	56.1	65	62	10.0	10.0	10.2	8.65	16.3	33.4	1.52
7995.0	11: 5	50.1	66	64	10.0	10.0	10.2	8.65	16.3	30.9	1.65
4283											
7996.0	11:10	2.7	68	70	10.0	10.0	10.1	8.65	16.4	9.7	2.70
NEW BIT ID: 9											
8000.0	4:11	42.8	41	62	10.0	10.0	10.1	8.65	16.4	34.9	1.39
8005.0	4:25	47.2	36	66	10.0	10.0	10.1	8.65	16.4	36.8	1.34
8010.0	4:44	16.0	55	58	9.9	10.0	10.1	8.65	16.4	24.2	1.85
8015.0	5: 3	20.5	60	60	9.9	10.0	10.1	8.65	16.4	24.1	1.88
8020.0	5:23	22.4	59	63	9.9	10.0	10.0	8.65	16.4	23.6	1.90
8025.0	5:44	19.2	58	69	9.9	10.0	10.0	8.65	16.4	22.8	1.94

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
4315											
8030.0	6: 1	18.2	58	61	9.9	10.0	10.0	8.65	16.4	24.3	1.87
8035.0	6:21	15.0	58	67	9.9	10.0	10.0	8.65	16.4	22.4	1.97
8040.0	6:50	16.1	63	60	9.9	10.0	10.0	8.65	16.4	23.2	1.98
8045.0	7: 0	39.8	59	62	9.9	10.0	10.0	8.65	16.4	29.7	1.64
8050.0	7:15	30.7	64	66	9.9	10.0	10.1	8.65	16.4	25.8	1.86
8055.0	7:23	42.5	63	67	9.9	10.0	10.1	8.65	16.4	29.5	1.68
8060.0	7:34	30.4	63	68	9.9	10.0	10.1	8.65	16.4	27.2	1.79
8065.0	7:49	23.1	64	68	9.9	10.0	10.1	8.65	16.4	24.9	1.91
8070.0	8:19	17.7	62	68	9.9	10.0	10.1	8.65	16.4	23.0	1.98
8075.0	8:37	17.0	62	69	9.9	10.0	10.1	8.65	16.4	23.3	1.98
4365											
8080.0	8:55	17.7	61	69	9.9	10.0	10.1	8.65	16.4	23.6	1.96
8085.0	9:15	15.8	61	63	9.9	10.0	10.1	8.65	16.4	23.5	1.97
8090.0	9:40	14.8	61	69	9.9	10.0	10.0	8.65	16.4	21.9	2.04
8095.0	9:59	23.7	60	66	9.9	10.0	10.1	8.65	16.4	26.4	1.83
8100.0	10:11	27.2	58	67	9.9	10.0	10.0	8.65	16.4	27.2	1.78
8105.0	10:34	17.7	60	69	9.9	10.0	10.0	8.65	16.4	22.9	2.00
8110.0	10:50	23.1	58	68	10.0	10.0	10.1	8.65	16.4	25.9	1.84
8115.0	11: 7	20.7	59	67	10.0	10.0	10.1	8.65	16.4	25.3	1.88
8120.0	11:18	29.3	59	67	10.0	10.0	10.1	8.65	16.4	28.0	1.75
8130.0	11:36	45.7	56	63	10.0	10.0	10.2	8.65	16.4	32.8	1.53
4418											
8135.0	11:50	44.7	54	59	10.0	10.0	10.2	8.65	16.4	33.4	1.50
8140.0	12: 1	26.6	58	55	10.0	10.0	10.2	8.65	16.4	29.8	1.68
8145.0	12:10	34.3	57	54	10.0	10.0	10.2	8.65	16.4	31.9	1.58
8150.0	12:20	32.2	57	55	10.0	10.0	10.2	8.65	16.4	31.3	1.60
8155.0	12:29	35.7	56	54	10.0	10.0	10.2	8.65	16.4	32.1	1.57
8160.0	12:44	58.0	51	47	10.0	10.0	10.2	8.65	16.4	38.1	1.30
8165.0	12:50	51.5	52	59	10.0	10.0	10.2	8.65	16.4	35.4	1.42
8170.0	13: 1	30.2	53	57	10.0	10.0	10.2	8.65	16.4	31.0	1.62
8175.0	13:10	38.9	53	56	10.0	10.0	10.2	8.65	16.4	33.1	1.53
8180.0	13:17	41.4	53	59	10.0	10.0	10.2	8.65	16.4	33.7	1.50
4464											
8185.0	13:24	44.2	50	57	10.0	10.0	10.2	8.65	16.4	34.8	1.45
8190.0	13:32	40.3	49	61	10.0	10.0	10.2	8.65	16.4	34.2	1.49
8195.0	13:55	25.0	57	55	10.0	10.0	10.2	8.65	16.4	29.2	1.72
8200.0	14:18	13.2	59	56	10.0	10.0	10.2	8.65	16.4	24.7	1.95
8205.0	14:43	11.9	61	61	10.0	10.0	10.2	8.65	16.4	23.3	2.03
8210.0	15: 9	11.9	60	60	10.0	10.0	10.2	8.65	16.4	23.4	2.02
8215.0	15:27	26.4	60	60	10.0	10.0	10.2	8.65	16.4	27.6	1.82
8220.0	15:39	25.3	61	59	10.0	10.0	10.2	8.65	16.4	29.0	1.76
8225.0	16:27	21.4	59	61	10.0	10.0	10.3	8.64	16.4	23.2	1.50
8230.0	16:46	16.4	55	65	10.0	10.0	10.2	8.65	16.4	25.7	1.88
4515											
8235.0	17: 0	28.9	54	60	10.0	10.0	10.2	8.65	16.4	29.7	1.69
8240.0	17:11	32.7	54	59	10.0	10.0	10.2	8.65	16.4	31.4	1.62
8245.0	17:17	51.0	53	57	10.0	10.0	10.2	8.65	16.4	35.5	1.43
8250.0	17:28	31.5	53	58	10.0	10.0	10.2	8.65	16.5	31.8	1.60
8255.0	17:51	29.8	50	57	10.0	10.0	10.2	8.65	16.5	31.7	1.60
8260.0	18:13	14.0	53	63	10.0	10.0	10.2	8.65	16.5	25.3	1.90
8265.0	18:38	12.7	54	59	10.0	10.0	10.2	8.65	16.5	25.0	1.91
8270.0	18:55	18.0	49	57	10.0	10.0	10.2	8.65	16.5	29.0	1.73
8275.0	19: 9	24.9	52	57	10.0	10.0	10.2	8.65	16.5	30.3	1.67
8280.0	19:24	21.3	53	57	10.0	10.0	10.2	8.65	16.5	29.2	1.72
4565											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
4565											
8285.0	19:56	13.1	52	58	10.0	10.0	10.2	8.65	16.5	24.4	1.94
8290.0	20:21	23.0	43	55	10.0	10.0	10.2	8.65	16.5	33.2	1.57
8295.0	20:37	19.3	57	57	10.0	10.0	10.2	8.65	16.5	28.1	1.80
8300.0	20:57	15.7	56	57	10.0	10.0	10.2	8.65	16.5	26.8	1.85
8305.0	21:25	11.1	56	57	10.0	10.0	10.2	8.65	16.5	24.1	1.98
8310.0	21:45	23.6	55	57	10.0	10.0	10.2	8.65	16.5	27.8	1.80
8320.0	22: 9	26.5	52	63	10.0	10.0	10.2	8.65	16.5	29.9	1.70
8325.0	22:14	63.9	49	66	10.0	10.0	10.2	8.65	16.5	36.9	1.39
8330.0	22:28	42.8	48	53	10.0	10.0	10.2	8.65	16.5	35.7	1.44
8335.0	22:50	14.1	56	55	10.0	10.0	10.2	8.65	16.5	26.5	1.88
4616											
8340.0	23:12	14.1	62	56	10.0	10.0	10.2	8.65	16.5	25.4	1.96
8345.0	23:36	19.6	58	54	10.0	10.0	10.2	8.65	16.5	28.4	1.79
8350.0	23:58	13.5	48	65	10.0	10.0	10.1	8.65	16.5	26.3	1.86
8355.0	0:17	16.3	49	66	10.0	10.0	10.2	8.65	16.5	27.6	1.81
8360.0	0:33	23.7	49	65	10.0	10.0	10.2	8.65	16.5	29.7	1.71
8365.0	1: 2	10.3	50	64	10.0	10.0	10.2	8.65	16.5	24.0	1.97
8370.0	1:27	12.6	50	63	10.0	10.0	10.2	8.65	16.5	25.5	1.90
8373.0	1:42	12.5	49	63	10.0	10.0	10.1	8.65	16.5	26.0	1.88
NEW BIT ID: 10											
8380.0	17:51	14.5	41	50	9.9	10.0	10.0	8.65	16.5	28.7	1.69
8385.0	18: 6	20.6	45	50	9.9	10.0	10.0	8.65	16.5	30.5	1.61
4667											
8390.0	18:15	39.4	44	50	9.9	10.0	10.0	8.65	16.5	35.4	1.41
8395.0	18:21	59.4	42	50	9.9	10.0	10.1	8.65	16.5	38.8	1.26
8400.0	18:33	56.3	44	50	9.9	10.0	10.1	8.65	16.5	38.3	1.28
8405.0	19:45	51.3	42	50	9.9	10.0	10.0	8.65	16.5	37.8	1.31
8410.0	19:52	43.9	46	50	9.9	10.0	10.1	8.65	16.5	36.1	1.37
8415.0	20:17	42.8	45	50	9.9	10.0	10.1	8.65	16.5	36.1	1.37
8420.0	20:24	48.9	47	50	9.9	10.0	10.1	8.65	16.5	36.0	1.37
8425.0	20:30	49.6	48	50	9.9	10.0	10.1	8.65	16.5	36.3	1.36
8430.0	20:39	39.9	48	50	9.9	10.0	10.1	8.65	16.5	34.4	1.44
8435.0	20:48	32.5	47	50	9.9	10.0	10.1	8.65	16.5	33.5	1.49
4717											
8440.0	21: 4	28.5	48	50	9.9	10.0	10.1	8.65	16.5	31.9	1.56
8445.0	21:20	45.1	47	50	9.9	10.0	10.1	8.65	16.5	35.8	1.39
8450.0	21:43	13.9	50	50	9.9	10.0	10.1	8.65	16.5	26.4	1.81
8455.0	22: 1	16.9	49	50	9.9	10.0	10.1	8.65	16.5	28.2	1.73
8460.0	22:23	15.5	50	50	9.9	10.0	10.1	8.65	16.5	27.1	1.78
8465.0	22:44	15.0	50	50	9.9	10.0	10.1	8.65	16.5	27.2	1.77
8470.0	23:55	53.9	48	50	9.9	10.0	10.1	8.65	16.5	36.9	1.34
8475.0	0:52	49.4	48	54	10.0	10.0	10.1	8.65	16.5	36.0	1.39
8480.0	1:16	18.2	48	55	10.0	10.0	10.1	8.65	16.5	27.4	1.77
8485.0	1:25	37.9	48	55	10.0	10.0	10.1	8.65	16.5	33.8	1.49
4766											
8490.0	1:32	45.7	47	55	10.0	10.0	10.1	8.65	16.5	35.7	1.40
8505.0	1:48	34.4	46	55	10.0	10.0	10.2	8.65	16.5	34.0	1.49
8510.0	2: 0	25.1	41	55	10.0	10.0	10.2	8.65	16.6	33.6	1.52
8515.0	2:14	28.6	39	55	10.0	10.0	10.2	8.65	16.6	34.6	1.49
8520.0	2:42	11.1	42	55	10.0	10.0	10.2	8.65	16.6	27.6	1.78
8525.0	3:11	10.8	42	55	10.0	10.0	10.2	8.65	16.6	27.1	1.80
8530.0	3:42	9.8	42	55	10.0	10.0	10.2	8.65	16.6	26.5	1.82

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
4800											
8535.0	4:14	9.6	43	55	10.0	10.0	10.2	8.65	16.6	26.3	1.83
8540.0	4:48	13.4	41	55	10.0	10.0	10.2	8.65	16.6	29.1	1.72
8545.0	5:13	13.5	41	55	10.0	10.0	10.2	8.65	16.6	29.0	1.73
8550.0	5:37	12.7	41	55	10.0	10.0	10.2	8.65	16.6	29.2	1.72
8555.0	6: 2	12.7	40	55	10.0	10.0	10.2	8.65	16.6	29.4	1.71
8560.0	6:32	10.0	41	50	10.0	10.0	10.2	8.65	16.6	28.2	1.77
8565.0	6:55	14.8	39	50	10.0	10.0	10.2	8.65	16.6	31.3	1.64
8570.0	7: 7	25.0	39	50	10.0	10.0	10.2	8.65	16.6	35.4	1.47
8575.0	7:37	27.5	43	49	10.0	10.0	10.2	8.65	16.6	34.9	1.48
8580.0	8:46	29.6	47	45	10.0	10.0	10.2	8.65	16.6	35.1	1.46
4850											
8585.0	8:57	31.4	46	50	10.0	10.0	10.2	8.65	16.6	34.8	1.48
8590.0	9: 6	32.7	47	58	10.0	10.0	10.2	8.65	16.6	34.1	1.51
8595.0	9:22	20.5	49	58	10.0	10.0	10.2	8.65	16.6	29.9	1.70
8600.0	9:35	23.9	47	58	10.0	10.0	10.2	8.65	16.6	31.5	1.63
8605.0	10: 4	17.6	45	58	10.0	10.0	10.2	8.65	16.6	29.9	1.70
8610.0	10:27	13.2	37	58	10.0	10.0	10.2	8.65	16.6	30.5	1.68
8615.0	11: 2	9.9	38	58	10.0	10.0	10.2	8.65	16.6	28.3	1.78
8620.0	11:26	13.0	38	58	10.0	10.0	10.2	8.65	16.6	30.3	1.69
8625.0	11:51	13.7	36	58	10.0	10.0	10.2	8.65	16.6	31.1	1.67
8630.0	12: 7	20.0	38	58	10.0	10.0	10.2	8.65	16.6	33.2	1.57
4900											
8635.0	12:55	8.9	46	58	10.0	10.0	10.2	8.65	16.6	24.9	1.93
8640.0	13:22	11.8	47	58	10.0	10.0	10.2	8.65	16.6	26.8	1.84
8645.0	13:47	12.6	47	58	10.0	10.0	10.2	8.65	16.6	27.4	1.82
8650.0	14:12	13.6	45	58	10.0	10.0	10.2	8.65	16.6	28.0	1.79
8655.0	14:20	45.1	46	58	10.0	10.0	10.2	8.65	16.6	36.7	1.41
8660.0	15:54	22.3	46	53	10.0	10.0	10.2	8.65	16.6	31.3	1.65
8665.0	16: 7	30.1	46	52	10.0	10.0	10.2	8.65	16.6	34.3	1.52
8670.0	16:17	37.1	44	52	10.0	10.0	10.2	8.65	16.6	36.3	1.44
8675.0	16:24	47.4	45	52	10.0	10.0	10.2	8.65	16.6	38.5	1.34
8680.0	16:32	35.6	47	52	10.0	10.0	10.2	8.65	16.6	36.0	1.45
4950											
8685.0	16:41	37.3	46	52	10.0	10.0	10.2	8.65	16.6	36.5	1.43
8690.0	17: 0	48.5	46	52	10.0	10.0	10.2	8.65	16.6	37.6	1.38
8695.0	17:10	41.4	53	60	10.0	10.0	10.2	8.65	16.6	33.4	1.56
8700.0	17:37	12.5	55	60	10.0	10.0	10.2	8.65	16.6	25.4	1.94
8705.0	17:55	23.6	53	60	10.0	10.0	10.2	8.65	16.6	29.2	1.76
8710.0	18:16	18.8	56	60	10.0	10.0	10.2	8.65	16.6	28.0	1.83
8715.0	18:44	12.8	54	60	10.0	10.0	10.2	8.65	16.6	25.6	1.93
8720.0	18:56	25.0	54	60	10.0	10.0	10.2	8.65	16.6	30.8	1.69
8725.0	19:19	31.2	53	60	10.0	10.0	10.2	8.65	16.6	32.0	1.63
8730.0	19:34	23.3	51	56	10.0	10.0	10.2	8.65	16.6	30.8	1.69
4999											
8735.0	19:41	47.6	50	52	10.0	10.0	10.2	8.65	16.6	37.6	1.38
8740.0	19:55	32.7	50	58	10.0	10.0	10.2	8.65	16.6	33.7	1.56
8745.0	20:10	24.9	51	58	10.0	10.0	10.2	8.65	16.6	31.0	1.69
8750.0	20:31	15.9	49	58	10.0	10.0	10.2	8.65	16.6	28.7	1.79
8755.0	20:40	40.9	49	58	10.0	10.0	10.2	8.65	16.6	35.6	1.48
8760.0	20:54	59.4	47	58	10.0	10.0	10.2	8.65	16.6	38.7	1.35
8765.0	21: 5	31.1	48	58	10.0	10.0	10.2	8.65	16.6	34.1	1.55
8770.0	21:21	31.1	48	58	10.0	10.0	10.2	8.65	16.7	33.0	1.60
8775.0	21:32	29.7	48	58	10.0	10.0	10.2	8.65	16.7	33.8	1.57
8780.0	21:56	15.0	50	58	10.0	10.0	10.2	8.65	16.7	28.3	1.81
5049											

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
5049											
8785.0	22:20	19.7	50	58	10.0	10.0	10.2	8.65	16.7	30.3	1.72
8790.0	22:42	13.6	54	58	10.0	10.0	10.2	8.65	16.7	27.2	1.87
8795.0	22:59	36.1	53	58	10.0	10.0	10.2	8.65	16.7	32.0	1.66
8800.0	0:12	64.6	49	58	10.0	10.0	10.2	8.65	16.7	39.2	1.33
8805.0	0:22	31.0	41	58	10.0	10.0	10.2	8.65	16.7	36.4	1.47
8810.0	0:29	47.2	41	59	10.0	10.0	10.2	8.65	16.7	39.5	1.34
8815.0	0:42	62.0	42	60	10.0	10.0	10.2	8.65	16.7	40.6	1.29
8820.0	0:51	35.6	41	60	10.0	10.0	10.2	8.65	16.7	37.1	1.45
8825.0	1:11	23.1	40	60	10.0	10.0	10.2	8.65	16.7	33.3	1.61
8830.0	1:23	30.4	41	55	10.0	10.0	10.2	8.65	16.7	35.9	1.50
5098											
8835.0	1:35	42.1	38	55	10.0	10.0	10.2	8.65	16.7	38.3	1.41
8840.0	1:40	73.6	39	55	10.0	10.0	10.2	8.65	16.7	43.0	1.21
8850.0	2: 3	46.2	43	55	10.0	10.0	10.2	8.65	16.7	39.3	1.35
8855.0	2:11	43.3	46	55	10.0	10.0	10.2	8.65	16.7	37.8	1.41
8860.0	2:19	39.8	46	57	10.0	10.0	10.2	8.65	16.7	37.2	1.43
8865.0	2:24	63.6	46	58	10.0	10.0	10.2	8.65	16.7	40.1	1.31
8870.0	2:31	49.1	44	58	10.0	10.0	10.2	8.65	16.7	39.1	1.36
8875.0	2:42	28.6	45	58	10.0	10.0	10.2	8.65	16.7	34.7	1.55
8885.0	2:57	45.5	40	58	10.0	10.0	10.2	8.65	16.7	39.3	1.36
8890.0	3: 6	38.9	35	58	10.0	10.0	10.2	8.65	16.7	40.1	1.35
5145											
8895.0	3:26	16.5	40	58	10.0	10.0	10.2	8.65	16.7	32.3	1.66
8900.0	3:51	12.4	39	59	10.0	10.0	10.2	8.65	16.7	30.7	1.73
8905.0	4: 6	27.3	40	60	10.0	10.0	10.2	8.65	16.7	35.0	1.55
8910.0	4:22	19.4	40	60	10.0	10.0	10.2	8.65	16.7	33.6	1.61
8925.0	5:23	27.6	41	60	10.0	10.0	10.2	8.65	16.7	34.8	1.57
8930.0	5:29	56.9	43	60	10.0	10.0	10.2	8.65	16.7	40.5	1.31
8935.0	5:52	17.4	43	60	10.0	10.0	10.2	8.65	16.7	30.8	1.74
8940.0	6:19	12.2	43	60	10.1	10.0	10.2	8.65	16.7	29.1	1.81

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DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
	64										
				NEW BIT ID:	11						
8945.0	17:48	11.2	23	52	10.1	10.0	10.2	8.65	16.7	37.4	1.47
8950.0	18:11	13.3	28	46	10.2	10.2	10.2	8.65	16.7	36.7	1.47
8955.0	18:31	18.1	36	55	10.2	10.2	10.3	8.65	16.7	33.7	1.56
8960.0	18:42	31.5	43	56	10.2	10.2	10.3	8.65	16.7	35.4	1.47
8965.0	18:54	26.3	45	56	10.2	10.2	10.3	8.65	16.7	34.1	1.53
8970.0	19: 2	36.6	46	55	10.2	10.2	10.4	8.65	16.7	36.2	1.43
8980.0	0: 8	35.7	42	55	10.2	10.2	10.3	8.65	16.7	37.5	1.39
8985.0	0:36	11.0	44	57	10.2	10.2	10.3	8.65	16.7	28.3	1.79
8990.0	1: 3	11.0	44	57	10.2	10.2	10.3	8.65	16.7	28.4	1.79
8995.0	1:39	8.2	47	58	10.2	10.2	10.3	8.65	16.7	25.0	1.92
	102										
9000.0	2:24	6.5	47	53	10.2	10.2	10.3	8.65	16.7	24.1	1.97
9005.0	3: 3	7.7	42	57	10.2	10.2	10.3	8.65	16.7	26.3	1.87
9010.0	3:21	17.0	38	53	10.2	10.2	10.3	8.65	16.7	33.8	1.56
9015.0	4: 4	7.0	39	59	10.2	10.2	10.3	8.65	16.7	26.5	1.87
9020.0	4:33	10.4	39	57	10.2	10.2	10.3	8.65	16.7	30.0	1.74
9025.0	4:46	23.0	38	56	10.2	10.2	10.3	8.65	16.7	36.2	1.48
9030.0	5:11	12.0	38	56	10.2	10.2	10.3	8.65	16.7	31.6	1.68
9035.0	5:15	67.0	38	56	10.2	10.2	10.3	8.65	16.8	43.9	1.17
9040.0	5:25	32.0	39	56	10.2	10.2	10.4	8.65	16.8	38.3	1.40
9045.0	5:52	10.7	41	54	10.2	10.2	10.4	8.65	16.8	30.2	1.74
	112										
9050.0	6:28	8.2	42	55	10.2	10.2	10.3	8.65	16.8	27.8	1.84
9055.0	6:58	10.0	43	56	10.2	10.2	10.3	8.65	16.8	28.8	1.80
9060.0	7:37	7.7	41	58	10.2	10.2	10.3	8.65	16.8	27.4	1.86
9065.0	7:46	34.7	39	54	10.2	10.2	10.3	8.65	16.8	39.4	1.36
9070.0	7:53	43.2	37	56	10.2	10.2	10.3	8.65	16.8	41.4	1.28
9075.0	8:24	9.5	39	57	10.2	10.2	10.3	8.65	16.8	29.8	1.77
9080.0	9: 3	7.5	39	58	10.2	10.2	10.3	8.65	16.8	28.0	1.84
9085.0	9:21	16.7	37	59	10.2	10.2	10.3	8.65	16.8	34.4	1.58
9090.0	9:44	13.2	40	58	10.2	10.2	10.3	8.65	16.8	31.8	1.68
9095.0	10:17	9.0	40	58	10.2	10.2	10.3	8.65	16.8	29.1	1.80
	122										
9100.0	10:56	7.7	40	56	10.2	10.2	10.3	8.65	16.8	28.3	1.84
9105.0	11:34	7.9	42	56	10.2	10.2	10.3	8.65	16.8	27.8	1.86
9110.0	11:49	18.9	42	56	10.2	10.2	10.3	8.65	16.8	34.1	1.59
9115.0	12:23	9.0	39	52	10.2	10.2	10.3	8.65	16.8	30.4	1.75
9120.0	12:55	9.4	37	54	10.2	10.2	10.3	8.65	16.8	31.2	1.73
9125.0	13:21	11.2	40	54	10.2	10.2	10.3	8.65	16.8	31.5	1.71
9130.0	13:51	10.2	41	55	10.2	10.2	10.3	8.65	16.8	30.4	1.76
9135.0	14:21	10.0	44	55	10.2	10.2	10.3	8.65	16.8	29.3	1.81
9140.0	14:37	18.0	42	53	10.2	10.2	10.3	8.65	16.8	34.4	1.59
9145.0	14:45	36.0	39	51	10.2	10.2	10.3	8.65	16.8	40.6	1.33
	132										
9150.0	14:53	38.0	42	50	10.2	10.2	10.3	8.65	16.8	40.2	1.34
9155.0	15: 1	36.5	41	53	10.2	10.2	10.3	8.65	16.8	39.8	1.36
9160.0	15: 7	52.5	40	53	10.2	10.2	10.3	8.65	16.8	42.7	1.24
9165.0	15:13	51.0	46	66	10.2	10.2	10.3	8.65	16.8	39.3	1.37
9170.0	15:19	50.2	44	67	10.2	10.2	10.3	8.65	16.8	39.7	1.36
9175.0	15:25	52.5	43	59	10.3	10.2	10.3	8.65	16.8	41.1	1.30
9180.0	15:54	10.2	50	51	10.3	10.3	10.4	8.65	16.8	28.8	1.83

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	POR	DEXP
139											
9185.0	16: 3	33.9	45	47	10.3	10.3	10.4	8.65	16.8	39.2	1.38
9190.0	16:12	33.9	45	47	10.3	10.3	10.4	8.65	16.8	39.2	1.38
9195.0	16:40	10.4	46	49	10.3	10.3	10.4	8.65	16.8	30.4	1.77
9200.0	17: 0	15.5	48	50	10.4	10.3	10.5	8.65	16.8	32.6	1.66
9205.0	17:26	11.5	46	49	10.4	10.3	10.5	8.65	16.8	31.3	1.72
9210.0	18: 1	8.4	47	49	10.4	10.4	10.5	8.65	16.8	28.9	1.83
9215.0	18:37	8.5	48	50	10.4	10.4	10.5	8.65	16.8	28.6	1.84
9220.0	19: 1	12.2	45	50	10.4	10.4	10.5	8.65	16.8	32.1	1.69
9225.0	19:11	31.5	42	48	10.5	10.5	10.6	8.65	16.8	40.1	1.36
9230.0	19:32	13.7	36	59	10.5	10.5	10.6	8.65	16.8	34.9	1.58
149											
9235.0	19:52	15.5	38	60	10.5	10.5	10.7	8.65	16.8	35.1	1.57
9240.0	20:24	9.2	41	61	10.5	10.5	10.7	8.65	16.8	30.4	1.77
9245.0	20:32	36.2	37	52	10.5	10.5	10.7	8.65	16.8	42.5	1.27
9250.0	20:38	51.4	35	57	10.5	10.5	10.7	8.65	16.8	45.1	1.18
9255.0	20:49	26.7	42	50	10.5	10.5	10.7	8.65	16.8	39.0	1.40
9260.0	21: 7	16.7	40	56	10.5	10.5	10.7	8.65	16.8	35.6	1.55
9265.0	21:44	8.2	40	60	10.5	10.5	10.7	8.65	16.8	30.1	1.78
9270.0	22: 5	13.9	39	59	10.5	10.5	10.7	8.65	16.8	34.3	1.61
9275.0	22:35	10.0	39	59	10.5	10.5	10.7	8.65	16.8	32.0	1.71
9280.0	23: 8	9.2	39	61	10.5	10.5	10.7	8.65	16.8	31.2	1.74
159											
9285.0	23:20	24.2	33	57	10.5	10.5	10.7	8.65	16.8	40.7	1.37
9290.0	23:33	24.2	33	57	10.5	10.5	10.7	8.65	16.8	40.7	1.37
9295.0	23:46	23.0	33	57	10.5	10.5	10.7	8.65	16.8	40.4	1.38
9300.0	0: 2	18.0	33	57	10.5	10.5	10.7	8.65	16.8	38.6	1.45
9305.0	0:15	23.0	31	56	10.5	10.5	10.7	8.65	16.9	41.3	1.35
9310.0	0:31	19.9	34	57	10.5	10.5	10.7	8.65	16.9	39.0	1.44
9315.0	0:56	11.7	33	57	10.5	10.5	10.7	8.65	16.9	35.7	1.57
9320.0	1:33	8.2	36	58	10.5	10.5	10.7	8.65	16.9	32.0	1.72
9325.0	1:56	12.5	37	53	10.5	10.5	10.7	8.65	16.9	35.2	1.58
NEW BIT ID: -1											
9330.0	23:22	9.1	18	60	10.5	10.5	10.6	8.65	16.5	38.9	1.50
177											
9335.0	0: 4	8.2	22	99	10.5	10.5	10.6	8.65	16.9	32.3	1.66
9340.0	0:50	10.1	25	95	10.5	10.5	10.6	8.65	16.9	33.2	1.62
9345.0	1:12	17.1	24	90	10.5	10.5	10.6	8.65	16.9	37.4	1.48
9350.0	2: 1	8.1	26	90	10.5	10.5	10.6	8.65	16.9	31.0	1.71
9355.0	2:13	19.6	24	90	10.5	10.5	10.6	8.65	16.9	38.6	1.44
9360.0	0:23	14.0	22	91	10.5	10.5	10.6	8.65	16.9	36.5	1.52
9365.0	0:33	30.5	22	91	10.5	10.5	10.6	8.65	16.9	43.2	1.29
9366.0	0:35	32.0	22	91	10.5	10.5	10.6	8.65	16.9	43.6	1.27
NEW BIT ID: 12											
9370.0	21:32	19.4	57	123	10.5	10.5	10.6	8.65	16.9	26.8	1.97
9375.0	22: 7	15.7	59	122	10.5	10.5	10.6	8.65	16.9	23.9	2.12
223											
9380.0	22:28	23.2	59	118	10.5	10.5	10.6	8.65	16.9	27.0	1.97
9385.0	23:16	11.8	58	119	10.5	10.5	10.6	8.65	16.9	21.6	2.23
9390.0	23:39	16.7	55	124	10.5	10.5	10.6	8.65	16.9	26.1	2.00
9395.0	0:11	18.5	51	125	10.5	10.5	10.6	8.65	16.9	26.4	1.97
9400.0	0:31	22.8	51	133	10.5	10.5	10.6	8.65	16.9	27.5	1.92
9405.0	0:50	29.9	53	142	10.5	10.5	10.6	8.65	16.9	27.9	1.92
9412.0	1:12	22.0	50	145	10.5	10.5	10.6	8.65	16.9	28.4	1.89

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
	261										
9415.0	23:57	7.7	29	52	10.5	10.6	10.5	9.30	16.8	31.9	1.63
9420.0	0:32	9.1	40	54	10.5	10.6	10.6	9.38	16.8	28.6	1.74
9425.0	1: 0	18.6	41	52	10.5	10.6	10.6	9.40	16.8	32.0	1.60
9430.0	1:11	28.9	37	51	10.5	10.6	10.6	9.42	17.6	38.0	1.36
9435.0	1:26	21.1	38	52	10.5	10.6	10.6	9.50	16.8	35.6	1.45
9450.0	2: 4	27.6	42	50	10.5	10.6	10.6	9.50	16.8	37.3	1.40
9455.0	2:16	26.7	37	52	10.6	10.6	10.6	9.50	16.8	37.9	1.37
9460.0	2:30	22.2	37	53	10.7	10.6	10.6	9.50	16.8	36.5	1.43
9465.0	2:42	24.9	37	53	10.7	10.6	10.7	9.50	16.9	37.5	1.39
9470.0	2:54	26.0	37	53	10.7	10.6	10.7	9.50	16.9	37.9	1.37
	311										
9480.0	3:27	19.9	37	49	10.7	10.6	10.8	9.55	16.9	36.9	1.41
9485.0	3:40	22.3	38	53	10.7	10.7	10.8	9.60	16.9	37.3	1.40
9490.0	3:51	31.1	39	53	10.7	10.7	10.8	9.60	16.9	39.0	1.33
9495.0	4: 1	31.6	40	53	10.7	10.7	10.9	9.60	16.9	39.0	1.34
9500.0	4:18	19.4	40	53	10.7	10.7	11.0	9.60	16.9	35.5	1.48
9510.0	4:58	15.0	40	50	10.7	10.7	10.9	9.61	16.9	34.1	1.54
9515.0	5:25	16.4	40	49	10.7	10.7	10.9	9.70	16.9	34.2	1.53
9520.0	5:46	15.6	40	49	10.7	10.7	10.9	9.70	16.9	34.6	1.52
9525.0	6:35	12.5	40	51	10.7	10.7	10.9	9.70	16.9	32.2	1.62
9530.0	7:20	11.2	38	47	10.7	10.8	10.9	9.70	16.9	33.3	1.57
	365										
9540.0	8:20	9.1	37	56	10.7	10.8	11.0	9.70	16.9	31.1	1.68
9545.0	8:52	11.5	37	54	10.8	10.8	11.0	9.70	16.9	33.3	1.59
9550.0	9:19	11.8	37	54	10.8	10.8	11.0	9.70	16.9	33.8	1.57
9555.0	9:40	14.5	37	53	10.8	10.8	11.0	9.70	16.9	35.3	1.51
9560.0	9:56	20.2	37	52	10.8	10.8	11.0	9.70	16.9	37.7	1.42
9563.0	10: 3	27.5	37	52	10.8	10.8	11.0	9.70	16.9	40.1	1.32
				NEW BIT ID:		-2					
9565.0	0: 5	12.0	20	68	11.0	11.0	11.9	9.70	16.9	35.7	1.49
9570.0	0:39	10.2	23	89	11.0	11.0	12.2	9.70	16.9	31.4	1.68
9575.0	1: 2	14.5	27	119	11.0	11.0	12.3	9.70	16.9	30.9	1.73
9580.0	1:19	23.9	25	122	11.0	11.0	12.4	9.70	16.9	34.5	1.60
	415										
9585.0	1:47	12.2	27	126	11.0	11.0	12.3	9.70	16.9	29.4	1.80
9590.0	2: 2	41.0	27	131	11.0	11.0	12.4	9.70	16.9	35.8	1.56
9595.0	2:38	8.3	27	134	11.0	11.0	12.4	9.70	16.9	26.9	1.92
9600.0	3: 1	22.2	25	107	11.0	11.0	12.4	9.70	16.9	34.1	1.61
9605.0	3:27	17.4	24	95	11.0	11.0	12.4	9.70	16.9	34.0	1.61
9607.0	3:45	6.5	24	96	11.0	11.0	12.3	9.70	16.9	28.7	1.81
				NEW BIT ID:		14					
9610.0	21:28	16.4	43	67	11.0	11.0	11.1	9.80	16.9	30.3	1.62
9615.0	21:37	32.0	42	70	11.0	11.0	11.1	9.80	16.9	35.8	1.40
9620.0	21:51	24.6	43	70	11.0	11.0	11.1	9.80	16.9	33.4	1.50
9625.0	22:33	8.0	44	70	11.0	11.0	11.1	9.80	16.9	25.6	1.82
	464										
9630.0	23:17	6.3	43	67	11.0	11.0	11.1	9.80	16.9	24.6	1.87
9635.0	23:50	9.7	46	69	11.0	11.0	11.1	9.80	16.9	26.7	1.78
9640.0	0:16	12.1	47	54	11.0	11.0	11.1	9.80	16.9	29.6	1.66
9645.0	0:55	8.1	47	54	11.0	11.0	11.1	9.80	16.9	26.9	1.78

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
	483										
9650.0	1:27	9.8	47	54	11.0	11.0	11.1	9.80	16.9	28.2	1.73
9655.0	2:12	8.5	47	53	11.0	11.0	11.1	9.80	16.9	27.4	1.76
9665.0	3:25	10.9	49	54	11.0	11.0	11.1	9.80	16.9	27.0	1.78
9670.0	4:11	6.5	50	57	11.0	11.0	11.1	9.80	16.9	24.6	1.89
9675.0	4:38	12.5	49	56	11.1	11.0	11.1	9.80	16.9	29.5	1.68
9680.0	4:54	25.1	48	55	11.1	11.0	11.2	9.80	16.9	34.1	1.49
9685.0	5:51	5.8	50	57	11.1	11.0	11.2	9.80	16.9	23.9	1.92
9690.0	6:30	7.9	50	58	11.2	11.0	11.2	9.80	16.9	26.3	1.82
9695.0	6:38	43.0	49	55	11.2	11.0	11.3	9.80	16.9	38.5	1.30
9700.0	7:15	13.0	46	62	11.3	11.0	11.3	9.80	16.9	30.3	1.65
	534										
9705.0	7:26	31.0	43	65	11.3	11.0	11.3	9.80	16.9	37.0	1.38
9710.0	7:42	21.3	43	65	11.3	11.0	11.4	9.80	16.9	34.6	1.48
9715.0	7:57	23.0	44	64	11.3	11.0	11.4	9.80	16.9	34.6	1.47
9720.0	8: 9	27.1	45	64	11.3	11.0	11.4	9.80	16.9	36.3	1.40
9730.0	8:55	19.6	46	57	11.5	11.1	11.5	9.80	16.9	34.6	1.47
9735.0	9:12	21.2	48	54	11.6	11.2	11.6	9.80	16.9	35.0	1.46
9740.0	9:37	14.2	48	57	11.6	11.3	11.6	9.80	16.9	32.1	1.58
9745.0	9:49	26.4	48	57	11.6	11.3	11.7	9.80	16.9	37.2	1.37
9750.0	10:15	15.7	48	58	11.6	11.3	11.7	9.80	16.9	32.1	1.58
9755.0	10:38	18.8	48	58	11.6	11.5	11.7	9.80	16.9	33.5	1.52
	588										
9760.0	10:49	26.6	45	54	11.6	11.6	11.7	9.80	16.9	38.9	1.32
9765.0	11: 0	28.1	45	67	11.6	11.6	11.7	9.80	16.9	37.6	1.37
9770.0	11:14	29.4	44	68	11.6	11.6	11.7	9.80	16.9	37.3	1.39
9775.0	11:37	13.0	45	68	11.6	11.6	11.7	9.80	16.9	32.3	1.59
9780.0	12: 2	12.3	45	69	11.6	11.6	11.7	9.80	16.9	31.7	1.61
9785.0	12:26	13.2	45	69	11.6	11.6	11.8	9.80	16.9	32.4	1.58
9790.0	12:55	10.5	46	69	11.6	11.6	11.8	9.80	16.9	30.5	1.66
9795.0	13:26	14.2	44	65	11.6	11.6	11.8	9.80	16.9	33.3	1.55
9800.0	14:13	6.6	46	68	11.6	11.6	11.8	9.80	16.9	27.4	1.79
9805.0	14:46	9.6	46	67	11.6	11.6	11.8	9.80	16.9	30.1	1.68
	636										
9810.0	15:24	8.3	46	71	11.6	11.6	11.8	9.80	16.9	28.9	1.73
9815.0	15:44	18.5	46	71	11.6	11.6	11.8	9.80	16.9	33.9	1.53
9820.0	16:30	6.6	45	73	11.6	11.6	11.8	9.80	16.9	27.4	1.79
9825.0	17: 1	15.6	45	72	11.6	11.6	11.8	9.80	16.9	31.6	1.62
9830.0	17:46	8.3	49	66	11.6	11.6	11.8	9.80	16.9	28.4	1.76
9835.0	18:25	8.0	53	70	11.6	11.6	11.8	9.80	16.9	27.2	1.82
9840.0	18:39	21.8	51	68	11.6	11.6	11.8	9.80	16.9	34.5	1.51
9845.0	19: 6	11.1	51	66	11.6	11.6	11.8	9.80	16.9	30.1	1.69
9850.0	19:30	17.6	51	67	11.6	11.6	11.8	9.80	16.9	32.0	1.61
9855.0	19:56	11.7	51	67	11.6	11.6	11.8	9.80	16.9	30.5	1.67
	686										
9860.0	20:22	15.5	47	64	11.6	11.6	11.8	9.80	16.9	33.7	1.54
9865.0	20:37	24.1	46	69	11.6	11.6	11.8	9.80	16.9	35.9	1.45
9870.0	20:59	14.0	47	67	11.6	11.6	11.8	9.80	16.9	32.6	1.59
9875.0	21:31	9.6	49	66	11.6	11.6	11.8	9.80	16.9	29.6	1.71
9880.0	21:56	13.4	49	67	11.6	11.6	11.8	9.80	16.9	31.8	1.62
9885.0	22:35	10.2	47	67	11.6	11.6	11.8	9.80	16.9	30.3	1.68
9890.0	23: 4	12.1	45	67	11.6	11.6	11.8	9.80	16.9	31.9	1.62
9895.0	23:25	15.5	48	68	11.6	11.6	11.8	9.80	17.0	33.1	1.57
9900.0	23:52	11.8	42	69	11.6	11.6	11.8	9.80	17.0	32.8	1.58
9905.0	0:23	12.2	42	69	11.6	11.6	11.8	9.80	17.0	32.7	1.59
	736										

DEPTH	TIME	ROP	WOB	RPM	MDI	MDO	ECD	PP	FG	PDR	DEXP
736											
9910.0	0:36	27.2	43	73	11.6	11.6	11.8	9.80	17.0	37.9	1.38
9920.0	1: 7	19.3	48	70	11.6	11.6	11.8	9.80	17.0	34.2	1.54
9925.0	1:24	21.4	52	70	11.6	11.6	11.8	9.80	17.0	33.6	1.56
9930.0	1:45	17.6	52	73	11.6	11.6	11.8	9.80	17.0	32.1	1.62
9935.0	2:13	10.9	52	70	11.6	11.6	11.8	9.80	17.0	29.8	1.72
9940.0	2:32	17.3	51	70	11.6	11.6	11.8	9.80	17.0	32.7	1.59
9945.0	2:57	12.1	50	72	11.6	11.6	11.8	9.80	17.0	30.9	1.67
9950.0	3:22	20.5	54	70	11.6	11.6	11.8	9.80	17.0	33.1	1.59
9955.0	3:58	11.3	54	72	11.6	11.6	11.8	9.80	17.0	29.0	1.77
9960.0	4:39	7.9	55	69	11.6	11.6	11.7	9.80	17.0	27.3	1.84
786											
9965.0	5: 6	11.5	54	70	11.6	11.6	11.8	9.80	17.0	29.9	1.73
9970.0	5:30	13.4	56	65	11.6	11.6	11.8	9.80	17.0	31.2	1.68
9975.0	6: 8	7.9	58	65	11.6	11.6	11.8	9.80	17.0	27.6	1.85
9980.0	7: 7	8.6	58	66	11.6	11.6	11.8	9.80	17.0	28.1	1.84
9985.0	7:16	35.2	50	68	11.6	11.6	11.8	9.80	17.0	38.6	1.36
9990.0	7:44	20.2	51	69	11.6	11.6	11.8	9.80	17.0	32.7	1.61
9995.0	7:56	26.2	49	67	11.6	11.6	11.8	9.80	17.0	36.6	1.44
10000.0	8: 8	30.6	49	67	11.6	11.6	11.8	9.80	17.0	37.4	1.41
10005.0	8:31	18.5	48	69	11.6	11.6	11.8	9.80	17.0	33.4	1.58

DUMP B

DEPTH - Well depth in feet

TIME - Time of day, in hours and minutes.

RS - Calculated rock matrix strength. A dimensionless number derived from previous field data which relates to the strength of the rock.

MTI - Mud temperature in, in degrees Centigrade.

MTO - Mud temperature out, in degrees Centigrade.

MRI - Mud resistivity in, in ohm-metres.

YPM - Yield point of the mud in pounds per 100 square feet.

PVM - Plastic viscosity of the mud in centipoise.

MVI - Mud flow rate in gallons per minute, computed from the pump rate and pump out-put.

MDOV - Mud density over-ride setting.

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ESP FL 176 HEMATITE PETROLEUM PELICAN #4 PAGE 1 - B

DEPTH	TIME	RS	MTI	MTO	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
	64										
				NEW BIT ID:	2						
820.0	0: 0	.59	25	27	.00	.31	16	7	963	.0	1
830.0	0: 0	.40	25	27	.00	.31	16	7	958	.0	1
840.0	0: 0	.63	25	27	.00	.31	16	7	966	.0	1
860.0	0: 2	.59	26	22	.00	.31	16	7	972	.0	1
880.0	0: 3	.70	26	28	.00	.31	16	7	982	.0	1
900.0	0: 4	.48	28	29	.00	.31	16	7	965	.0	1
910.0	0: 5	.67	28	29	.00	.31	16	7	965	.0	1
920.0	0: 5	.32	28	29	.00	.31	16	7	965	.0	1
930.0	0: 5	.02	28	29	.00	.31	16	7	965	.0	1
950.0	0: 6	-.39	28	29	.00	.31	16	7	962	.0	1
	78										
970.0	0: 7	-.13	28	29	.00	.31	16	7	962	.0	1
980.0	0: 7	.20	28	29	.00	.31	16	7	962	.0	1
1000.0	0: 8	.13	28	29	.00	.31	16	7	1183	.0	1
1010.0	0: 9	-1.32	28	29	.00	.31	16	7	1183	.0	1
1020.0	0: 9	.01	28	29	.00	.31	16	7	1183	.0	1
1030.0	0:10	-.03	28	29	.00	.31	16	7	1183	.0	1
1040.0	0:11	-.62	28	29	.00	.31	16	7	1183	.0	1
1060.0	0:11	-2.33	28	29	.00	.31	16	7	1180	.0	1
1080.0	0:13	-2.96	28	29	.00	.31	16	7	1185	.0	1
1090.0	0:14	-2.89	28	29	.00	.31	16	7	1185	.0	1
	88										
1100.0	0:15	-1.41	28	29	.00	.31	16	7	1185	.0	1
1110.0	0:16	-1.14	28	29	.00	.31	16	7	1185	.0	1
1120.0	0:18	-.06	28	29	.00	.31	16	7	1217	.0	1
1130.0	0:19	.05	28	29	.00	.31	16	7	1217	.0	1
1150.0	0:20	.09	28	29	.00	.31	16	7	1217	.0	1
1160.0	0:23	.84	28	29	.00	.31	16	7	1217	.0	1
1180.0	0:25	.29	28	29	.00	.31	16	7	1241	.0	1
1200.0	0:28	.78	28	29	.00	.31	16	7	1241	.0	1
1210.0	0:30	.80	28	29	.00	.31	16	7	1241	.0	1
1220.0	0:31	.80	28	29	.00	.31	16	7	1241	.0	1
	98										
1240.0	0:36	.96	28	29	.00	.31	16	7	1241	.0	1
1250.0	0:39	.84	28	29	.00	.31	16	7	1189	.0	1
1270.0	0:42	.73	28	29	.00	.31	16	7	1189	.0	1
1280.0	0:44	.69	28	29	.00	.31	16	7	1186	.0	1
1290.0	0:46	.67	28	29	.00	.31	16	7	1186	.0	1
1300.0	0:47	.64	28	29	.00	.31	16	7	1186	.0	1
1310.0	0:49	.83	28	29	.00	.31	16	7	1186	.0	1
1330.0	0:52	.90	28	29	.00	.31	16	7	1186	.0	1
1360.0	0:54	.56	28	29	.00	.31	16	7	1182	.0	1
1370.0	0:56	.93	28	29	.00	.31	16	7	1182	.0	1
	108										
1380.0	0:57	.55	29	29	.00	.31	16	7	1230	.0	1
1390.0	1: 3	.86	29	29	.00	.31	16	7	1288	.0	1
1400.0	1: 5	1.30	29	29	.00	.31	16	7	1288	.0	1
1420.0	1: 8	.99	29	29	.00	.31	16	7	1288	.0	1
1440.0	1:10	1.18	29	29	.00	.31	16	7	1327	.0	1
1450.0	1:11	.65	29	29	.00	.31	16	7	1327	.0	1
1460.0	1:11	.51	29	29	.00	.31	16	7	1327	.0	1

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ESP FL 176 HEMATITE PETROLEUM PELICAN #4 PAGE 2 - B

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
115											
1480.0	1:13	1.33	29	29	.00	.31	16	7	1327	.0	1
1490.0	1:15	1.49	29	29	.00	.31	16	7	1327	.0	1
1500.0	1:20	2.03	29	29	.00	.31	16	7	1327	.0	1
1520.0	1:24	1.71	29	29	.00	.31	16	7	1323	.0	1
1550.0	1:27	1.28	30	32	.00	.31	16	7	1323	.0	1
1560.0	1:28	1.57	31	32	.00	.31	16	7	1354	.0	1
1580.0	1:30	1.47	31	32	.00	.31	16	7	1354	.0	1
1600.0	1:35	1.86	31	32	.00	.31	16	7	1354	.0	1
1610.0	1:39	1.92	31	32	.00	.31	16	7	1354	.0	1
1615.0	23:11	-2.87	30	256	.00	.31	16	7	1340	.0	2
126											
1660.0	23:38	.42	31	256	.00	.31	16	7	1363	.0	1
1665.0	23:39	1.46	31	256	.00	.31	16	7	1371	.0	1
1670.0	23:40	1.44	31	256	.00	.31	16	7	1371	.0	1
1675.0	23:41	1.33	31	256	.00	.31	16	7	1371	.0	1
1680.0	23:42	1.05	31	256	.00	.31	16	7	1371	.0	1
1715.0	0: 1	.20	31	256	.00	.31	16	7	1371	.0	1
1720.0	0: 3	2.34	31	256	.00	.31	16	7	1337	.0	2
1725.0	0: 4	2.28	31	256	.00	.31	16	7	1348	.0	2
1730.0	0: 6	2.34	31	256	.00	.31	16	7	1349	.0	3
1735.0	0: 8	2.42	32	256	.00	.31	16	7	1352	.0	3
142											
1740.0	0:10	2.44	32	231	.00	.31	16	7	1352	.0	5
1745.0	0:18	2.45	32	182	.00	.31	16	7	1357	.0	3
1750.0	0:19	2.40	32	34	.00	.31	16	7	1372	.0	1
1755.0	0:21	2.49	32	34	.00	.31	16	7	1372	.0	3
1760.0	0:22	2.48	32	34	.00	.31	16	7	1372	.0	1
1765.0	0:25	2.49	32	34	.00	.31	16	7	1372	.0	5
1770.0	0:26	2.43	32	34	.00	.31	16	7	1372	.0	1
1775.0	0:34	2.62	32	34	.00	.31	16	7	1341	.0	3
1780.0	0:40	2.69	32	34	.00	.31	16	7	1348	.0	3
1790.0	0:49	2.45	32	34	.00	.31	16	7	1357	.0	2
169											
1795.0	0:51	2.62	33	34	.00	.31	16	7	1357	.0	3
1800.0	0:53	2.59	33	34	.00	.31	16	7	1357	.0	5
1805.0	0:55	2.40	33	34	.00	.31	16	7	1357	.0	3
1810.0	0:57	2.35	33	34	.00	.31	16	7	1357	.0	3
1820.0	1: 5	1.72	33	34	.00	.31	16	7	1368	.0	1
1825.0	1: 6	2.34	34	34	.00	.31	16	7	1417	.0	1
1830.0	1: 7	2.31	34	35	.00	.31	16	7	1417	.0	1
1835.0	1: 8	2.26	34	34	.00	.31	16	7	1421	.0	1
1840.0	1:10	2.30	34	35	.00	.31	16	7	1290	.0	3
1850.0	1:20	2.30	34	34	.00	.31	16	7	1419	.0	3
193											
1855.0	1:20	2.23	34	34	.00	.31	16	7	1393	.0	1
1860.0	1:23	2.27	34	34	.00	.31	16	7	1393	.0	4
1865.0	1:23	2.40	34	35	.00	.31	16	7	1393	.0	1
1870.0	1:25	2.35	34	35	.00	.31	16	7	1391	.0	2
1880.0	1:33	2.10	34	35	.00	.31	16	7	1387	.0	4
1890.0	1:35	2.17	34	34	.00	.31	16	7	1364	.0	1
1900.0	1:38	2.12	34	35	.00	.31	16	7	1362	.0	5
1910.0	1:48	2.43	34	36	.00	.31	16	7	1363	.0	4
1915.0	1:49	2.79	34	36	.00	.31	16	7	1325	.0	1
1920.0	1:50	2.69	34	36	.00	.31	16	7	1325	.0	1
217											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
217											
1925.0	1:51	2.80	34	36	.00	.31	16	7	1325	.0	1
1930.0	1:53	2.95	34	36	.00	.31	16	7	1325	.0	2
1935.0	2: 2	2.90	34	36	.00	.31	17	7	1340	.0	4
1940.0	2: 3	2.48	34	36	.00	.31	18	6	1356	.0	1
1945.0	2: 4	2.34	34	36	.00	.31	18	6	1360	.0	1
1950.0	2: 6	2.45	34	36	.00	.31	18	6	1360	.0	1
1955.0	2: 7	2.42	34	36	.00	.31	18	6	1360	.0	2
1960.0	2: 9	2.39	34	36	.00	.31	18	6	1360	.0	3
2000.0	2:33	1.77	35	36	.00	.31	18	6	1357	.0	4
2005.0	2:34	2.10	35	36	.00	.31	18	6	1338	.0	1
237											
2010.0	2:34	2.07	35	36	.00	.31	18	6	1338	.0	1
2015.0	2:35	2.00	35	36	.00	.31	18	6	1338	.0	1
2020.0	2:36	2.41	35	36	.00	.31	18	6	1338	.0	1
2025.0	2:37	2.48	35	36	.00	.31	18	6	1338	.0	1
2030.0	2:47	2.48	35	36	.00	.31	18	6	1339	.0	3
2035.0	2:48	2.35	35	36	.00	.31	18	6	1347	.0	1
2040.0	2:49	2.42	35	36	.00	.31	18	6	1347	.0	1
2050.0	2:50	2.36	35	36	.00	.31	18	6	1347	.0	1
2055.0	2:51	2.37	35	36	.00	.31	18	6	1352	.0	2
2060.0	2:56	2.58	35	36	.00	.31	18	6	1354	.0	3
252											
2065.0	3: 3	2.38	35	36	.00	.31	18	6	1351	.0	1
2070.0	3: 4	2.44	35	36	.00	.31	18	6	1351	.0	1
2075.0	3: 5	2.37	35	36	.00	.31	18	6	1351	.0	1
2080.0	3: 6	2.49	35	36	.00	.31	18	6	1351	.0	4
2085.0	3: 8	2.53	35	36	.00	.31	18	6	1351	.0	5
2090.0	3:12	2.64	35	36	.00	.31	18	6	1351	.0	4
2095.0	3:18	2.34	36	36	.00	.31	18	6	1344	.0	1
2100.0	3:19	2.45	36	36	.00	.31	18	6	1344	.0	1
2105.0	3:21	2.54	36	36	.00	.31	18	6	1344	.0	4
2110.0	3:22	2.47	36	36	.00	.31	18	6	1344	.0	2
276											
2115.0	3:23	2.43	36	35	.00	.31	18	6	1344	.0	1
2125.0	3:32	2.43	36	35	.00	.31	18	6	1342	.0	3
2130.0	3:34	2.23	36	35	.00	.31	18	6	1329	.0	2
2135.0	3:36	1.80	36	35	.00	.31	18	6	1333	.0	4
2140.0	3:38	1.95	36	35	.00	.31	18	6	1334	.0	3
2145.0	3:40	2.20	36	35	.00	.31	18	6	1334	.0	4
2150.0	3:41	2.30	36	35	.00	.31	18	6	1334	.0	1
2155.0	3:47	1.88	36	35	.00	.31	18	6	1327	.0	1
2160.0	3:49	1.87	36	35	.00	.31	18	6	1324	.0	2
2170.0	3:51	1.44	36	35	.00	.31	18	6	1324	.0	5
302											
2175.0	3:53	1.43	36	35	.00	.31	18	6	1324	.0	2
2180.0	3:54	1.73	36	35	.00	.31	18	6	1327	.0	1
2190.0	4: 3	1.23	36	35	.00	.31	18	6	1327	.0	5
2195.0	4: 5	2.45	34	35	.00	.31	18	6	1336	.0	4
2200.0	4: 6	2.37	34	35	.00	.31	18	6	1336	.0	1
2205.0	4: 7	2.35	34	35	.00	.31	18	6	1336	.0	1
2210.0	4: 8	2.45	34	35	.00	.31	18	6	1336	.0	2
2215.0	4:10	2.43	34	35	.00	.31	18	6	1336	.0	2
2220.0	4:17	2.23	34	35	.00	.31	18	6	1338	.0	2
2225.0	4:18	2.33	34	35	.00	.31	18	6	1341	.0	1
323											

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ESP FL 176 HEMATITE PETROLEUM PELICAN #4 PAGE 4 - B

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
323											
2230.0	4:19	2.37	34	35	.00	.31	18	6	1341	.0	2
2235.0	4:20	2.30	34	35	.00	.31	18	6	1341	.0	3
2240.0	4:21	2.25	34	35	.00	.31	18	6	1341	.0	1
2245.0	4:22	2.24	34	35	.00	.31	18	6	1341	.0	1
2255.0	4:33	1.68	34	35	.00	.31	18	6	1341	.0	2
2260.0	4:34	2.40	34	35	.00	.31	18	6	1337	.0	3
2265.0	4:35	2.20	34	35	.00	.31	18	6	1337	.0	1
2270.0	4:36	2.25	34	36	.00	.31	18	6	1337	.0	1
2275.0	4:37	2.31	34	36	.00	.31	18	6	1337	.0	1
2280.0	4:39	2.33	34	36	.00	.31	18	6	1337	.0	3
341											
2285.0	4:50	2.35	34	36	.00	.31	18	6	1302	.0	4
2290.0	4:51	2.36	34	36	.00	.31	18	6	1304	.0	3
2295.0	4:52	2.40	34	36	.00	.31	18	6	1307	.0	2
2300.0	4:53	2.40	34	36	.00	.31	18	6	1320	.0	1
2305.0	4:54	2.45	34	36	.00	.31	18	6	1320	.0	2
2325.0	5: 5	2.00	34	36	.00	.31	18	6	1326	.0	3
2330.0	5: 7	2.27	34	36	.00	.31	18	6	1350	.0	2
2335.0	5: 8	2.43	34	36	.00	.31	18	6	1350	.0	1
2340.0	5:10	2.32	34	37	.00	.31	18	6	1350	.0	4
2345.0	5:18	2.05	34	37	.00	.31	18	6	1345	.0	2
365											
2350.0	5:19	2.45	34	37	.00	.31	18	6	1321	.0	2
2355.0	5:20	2.53	34	37	.00	.31	18	6	1321	.0	2
2360.0	5:22	2.46	34	37	.00	.31	18	6	1326	.0	4
2365.0	5:24	2.60	34	37	.00	.31	18	6	1326	.0	2
2370.0	5:25	2.59	34	37	.00	.31	18	6	1323	.0	3
2380.0	5:33	2.02	34	37	.00	.31	18	6	1322	.0	2
2385.0	5:35	2.63	34	37	.00	.31	18	6	1322	.0	2
2390.0	5:36	2.65	34	37	.00	.31	18	6	1324	.0	4
2395.0	5:38	2.68	35	37	.00	.31	18	6	1326	.0	3
2400.0	5:39	2.71	35	37	.00	.31	18	6	1326	.0	2
391											
2410.0	5:48	2.49	34	37	.00	.31	18	6	1336	.0	2
2415.0	5:50	2.62	33	37	.00	.31	18	6	1341	.0	3
2420.0	5:51	2.68	33	37	.00	.31	18	6	1341	.0	2
2425.0	5:53	2.60	32	37	.00	.31	18	6	1341	.0	4
2430.0	5:54	2.59	33	37	.00	.31	18	6	1345	.0	1
2435.0	5:55	2.57	34	37	.00	.31	18	6	1345	.0	1
2465.0	6: 9	2.40	34	37	.00	.31	18	6	1348	.0	3
2470.0	6:19	2.36	34	37	.00	.30	18	6	1328	.0	4
2475.0	6:22	2.74	34	38	.00	.30	18	6	1334	.0	5
2480.0	6:25	2.84	34	38	.00	.30	18	6	1336	.0	5
421											
2485.0	6:27	2.80	34	38	.00	.30	18	6	1336	.0	5
2490.0	6:29	2.85	34	38	.00	.30	18	6	1336	.0	5
2495.0	6:32	2.85	34	38	.00	.30	18	6	1336	.0	5
2505.0	6:42	2.79	34	38	.00	.30	18	6	1323	.0	8
2510.0	6:44	2.78	34	39	.00	.30	18	6	1308	.0	3
2515.0	6:46	2.82	34	39	.00	.30	18	6	1307	.0	4
2520.0	6:48	2.83	34	39	.00	.30	18	6	1304	.0	5
2525.0	6:50	2.88	34	39	.00	.30	18	6	1301	.0	4
2530.0	6:52	2.87	34	39	.00	.30	18	6	1298	.0	5
2535.0	6:58	2.76	34	39	.00	.30	18	6	1282	.0	4
469											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
469											
2540.0	7: 0	2.74	34	39	.00	.30	18	6	1217	.0	3
2545.0	7: 2	2.66	34	39	.00	.30	18	6	1198	.0	5
2550.0	7: 4	2.66	34	39	.00	.31	18	6	1215	.0	4
2555.0	7: 6	2.48	34	39	.00	.31	18	6	1310	.0	1
2560.0	7: 7	2.45	34	39	.00	.31	18	6	1348	.0	3
2565.0	7:19	2.22	34	39	.00	.31	18	6	1359	.0	4
2570.0	7:20	2.38	35	39	.00	.31	18	6	1391	.0	2
2575.0	7:21	2.35	35	39	.00	.31	18	6	1391	.0	1
2580.0	7:22	2.31	35	39	.00	.31	18	6	1396	.0	1
2585.0	7:23	2.32	35	39	.00	.31	18	6	1396	.0	1
494											
2590.0	7:24	2.08	35	39	.00	.31	18	6	1403	.0	3
2600.0	7:34	2.14	36	39	.00	.31	18	6	1406	.0	3
2605.0	7:36	2.08	36	39	.00	.31	18	6	1408	.0	4
2610.0	7:36	2.32	37	39	.00	.31	18	6	1408	.0	1
2615.0	7:37	2.35	37	39	.00	.31	18	6	1408	.0	1
2620.0	7:39	2.30	37	39	.00	.31	18	6	1408	.0	2
2625.0	7:41	2.17	37	39	.00	.31	18	6	1408	.0	3
2630.0	7:49	2.09	37	39	.00	.31	18	6	1413	.0	1
2635.0	7:50	2.29	37	39	.00	.31	18	6	1413	.0	1
2640.0	7:51	2.22	37	39	.00	.31	18	6	1418	.0	1
514											
2645.0	7:52	2.10	37	39	.00	.31	18	6	1418	.0	1
2650.0	7:53	2.15	37	39	.00	.31	18	6	1418	.0	1
2655.0	7:54	2.20	37	39	.00	.31	18	6	1418	.0	1
2660.0	8: 1	1.88	37	39	.00	.31	18	6	1419	.0	3
2665.0	8: 3	2.13	36	39	.00	.31	18	6	1412	.0	1
2670.0	8: 4	2.23	36	39	.00	.31	18	6	1412	.0	1
2685.0	8: 9	1.92	36	38	.00	.31	18	6	1410	.0	5
2690.0	8:17	1.75	36	38	.01	.31	18	6	1404	.0	2
2695.0	8:18	1.95	35	38	.00	.30	18	6	1400	.0	2
2700.0	8:19	2.17	35	38	.01	.30	18	6	1400	.0	1
532											
2705.0	8:20	2.21	35	38	.01	.30	18	6	1400	.0	1
2710.0	8:21	2.15	35	38	.00	.31	18	6	1400	.0	1
2715.0	8:22	2.29	35	38	.00	.31	18	6	1400	.0	1
2720.0	8:24	1.97	35	38	.00	.31	18	6	1400	.0	2
2725.0	8:33	2.21	35	38	.00	.31	18	6	1390	.0	2
2730.0	8:34	2.10	34	38	.00	.31	18	6	1380	.0	1
2735.0	8:35	2.23	34	38	.00	.31	18	6	1380	.0	1
2740.0	8:37	2.31	34	38	.00	.31	18	6	1380	.0	2
2745.0	8:39	2.01	34	38	.00	.31	18	6	1380	.0	4
2755.0	8:49	2.04	34	38	.00	.31	18	6	1380	.0	5
552											
2760.0	8:50	2.30	34	38	.00	.31	18	6	1391	.0	1
2765.0	8:51	2.16	34	38	.00	.31	18	6	1391	.0	1
2770.0	8:52	1.90	34	38	.00	.31	18	6	1391	.0	1
2775.0	8:54	2.18	34	38	.00	.31	18	6	1390	.0	4
2780.0	8:57	2.04	34	38	.00	.31	18	6	1385	.0	5
2785.0	9: 5	1.87	33	38	.00	.31	18	6	1380	.0	4
2790.0	9: 7	2.37	34	38	.00	.31	18	6	1317	.0	4
2795.0	9: 9	2.32	35	38	.00	.31	18	6	1319	.0	4
2800.0	9:10	2.50	35	38	.00	.31	18	6	1319	.0	2
2805.0	9:11	2.44	35	38	.00	.31	18	6	1319	.0	2
580											

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ESP FL 176 HEMATITE PETROLEUM PELICAN #4 PAGE 6 - B

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
580											
2810.0	9:12	2.52	35	38	.00	.31	18	6	1319	.0	1
2815.0	9:13	2.49	35	38	.00	.31	18	6	1319	.0	1
2820.0	9:20	2.19	36	38	.00	.31	18	6	1370	.0	3
2825.0	9:21	2.06	36	38	.00	.31	18	6	1393	.0	1
2830.0	9:23	2.34	36	38	.00	.31	18	6	1393	.0	2
2835.0	9:24	2.38	36	38	.00	.31	18	6	1399	.0	1
2840.0	9:26	2.09	36	38	.00	.31	18	6	1397	.0	4
2845.0	9:27	2.24	36	38	.00	.31	18	6	1394	.0	2
2863.0	9:40	1.56	37	38	.00	.31	18	6	1389	.0	1
NEW BIT ID: 3											
2870.0	9:46	2.56	34	32	.00	.31	14	10	1009	.0	1
601											
2875.0	9:48	3.04	34	32	.00	.31	14	10	1040	.0	3
2900.0	11:28	2.96	34	32	.00	.31	14	10	1047	.0	4
2905.0	11:30	2.78	35	33	.00	.30	12	8	1040	.0	2
2910.0	11:31	2.82	34	33	.00	.30	12	8	1040	.0	3
2920.0	11:50	2.77	34	34	.00	.30	12	8	1040	.0	5
2925.0	11:51	2.97	36	35	.00	.30	12	8	1044	.0	4
2930.0	11:52	2.86	36	35	.00	.30	12	8	1046	.0	2
2935.0	11:54	2.95	36	35	.00	.30	12	8	1046	.0	2
2940.0	11:56	2.93	36	35	.00	.30	12	8	1046	.0	2
2950.0	12: 8	2.58	36	34	.00	.30	12	8	1073	.0	2
630											
2955.0	12:10	3.06	36	35	.00	.30	12	8	1086	.0	4
2960.0	12:11	3.06	36	35	.00	.30	12	8	1089	.0	3
2965.0	12:13	3.09	36	35	.00	.30	12	8	1089	.0	3
2970.0	12:14	3.02	36	35	.00	.30	12	8	1089	.0	2
2975.0	12:15	3.01	36	35	.00	.30	12	8	1086	.0	1
2980.0	12:25	2.76	36	35	.00	.30	12	8	1083	.0	1
2985.0	12:26	2.99	36	35	.00	.30	12	8	1083	.0	2
2990.0	12:28	3.04	36	35	.00	.30	12	8	1083	.0	2
2995.0	12:29	2.99	36	35	.00	.30	12	8	1083	.0	1
3000.0	12:30	3.00	36	35	.00	.31	12	8	1083	.0	2
651											
3005.0	12:30	2.87	36	36	.00	.30	12	8	1083	.0	1
3010.0	12:39	2.65	36	36	.00	.30	12	8	1068	.0	2
3015.0	12:40	2.50	36	35	.00	.30	12	8	1049	.0	1
3020.0	12:41	2.41	36	35	.00	.30	12	8	1061	.0	2
3030.0	12:43	2.46	36	35	.00	.30	12	8	1067	.0	1
3035.0	12:44	2.59	36	35	.00	.30	12	8	1067	.0	1
3075.0	13: 5	2.25	36	36	.00	.30	12	8	1071	.0	1
3080.0	13: 6	2.65	36	36	.00	.30	12	8	1087	.0	1
3085.0	13: 7	2.45	36	35	.00	.30	12	8	1079	.0	3
3090.0	13: 8	2.33	36	36	.00	.30	12	8	1072	.0	1
665											
3095.0	13: 9	2.28	36	36	.00	.30	12	8	1065	.0	2
3100.0	13:10	2.77	36	36	.00	.30	12	8	1056	.0	1
3110.0	13:19	2.34	36	36	.00	.31	12	8	1056	.0	1
3115.0	13:20	2.71	36	35	.00	.31	12	8	1056	.0	1
3120.0	13:21	2.76	36	35	.00	.31	12	8	1060	.0	1
3125.0	13:21	2.75	36	36	.00	.31	12	8	1060	.0	1
3130.0	13:22	2.71	36	36	.00	.31	12	8	1060	.0	1

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
673											
3135.0	13:30	2.73	35	36	.00	.31	12	8	1041	.0	2
3140.0	13:31	2.74	35	36	.00	.31	12	8	1031	.0	1
3145.0	13:32	2.30	35	36	.00	.31	12	8	1035	.0	2
3150.0	13:33	2.71	35	35	.00	.31	12	8	1050	.0	1
3155.0	13:34	2.88	35	36	.00	.31	12	8	1050	.0	1
3160.0	13:35	3.05	35	36	.00	.31	12	8	1056	.0	1
3170.0	13:45	2.91	35	36	.00	.31	12	8	1047	.0	1
3175.0	13:45	2.73	35	36	.00	.31	12	8	1041	.0	1
3180.0	13:46	2.82	35	36	.00	.31	12	8	1041	.0	1
3185.0	13:47	2.92	35	36	.00	.31	12	8	1041	.0	2
686											
3190.0	13:48	2.68	35	36	.00	.31	12	8	1041	.0	1
3230.0	14:13	2.85	35	36	.00	.31	12	8	1039	.0	2
3235.0	14:14	2.90	35	36	.00	.31	12	8	1043	.0	1
3240.0	14:15	2.70	35	36	.00	.31	12	8	1046	.0	1
3245.0	14:16	3.07	35	36	.00	.31	12	8	1047	.0	2
3250.0	14:17	2.93	36	36	.00	.31	12	8	1037	.0	3
3255.0	14:19	3.02	36	36	.00	.31	12	8	1036	.0	3
3260.0	14:28	2.75	36	36	.00	.31	12	8	1036	.0	1
3265.0	14:29	3.23	36	36	.00	.31	12	8	1049	.0	2
3270.0	14:30	3.22	36	36	.00	.31	12	8	1054	.0	2
704											
3275.0	14:31	3.10	36	36	.00	.31	12	8	1056	.0	2
3280.0	14:32	3.18	36	36	.00	.31	12	8	1056	.0	2
3285.0	14:34	3.19	36	36	.00	.31	12	8	1053	.0	1
3295.0	14:42	2.88	37	36	.00	.31	12	8	1050	.0	2
3300.0	14:43	3.15	37	36	.00	.31	12	8	1037	.0	3
3305.0	14:45	3.14	37	36	.00	.31	12	8	1032	.0	3
3310.0	14:46	3.09	37	36	.00	.31	12	8	1034	.0	2
3315.0	14:48	3.00	37	36	.00	.31	12	8	1034	.0	4
3320.0	14:49	3.05	37	36	.00	.31	12	8	1034	.0	3
3325.0	14:57	3.07	38	36	.00	.31	12	8	1034	.0	1
727											
3330.0	14:59	3.31	38	36	.00	.31	12	8	1034	.0	4
3335.0	15: 0	3.37	38	36	.00	.31	12	8	1034	.0	2
3340.0	15: 1	3.18	38	36	.00	.31	12	8	1034	.0	1
3345.0	15: 3	3.38	38	36	.00	.31	12	8	1031	.0	3
3350.0	15: 4	3.33	38	36	.00	.31	12	8	1030	.0	2
3355.0	15:13	3.00	38	37	.00	.31	12	8	1027	.0	1
3360.0	15:14	3.18	39	37	.00	.31	12	8	1029	.0	3
3365.0	15:16	3.03	39	37	.00	.31	12	8	1029	.0	3
3370.0	15:17	3.02	39	37	.00	.31	12	8	1028	.0	4
3375.0	15:19	3.10	39	37	.00	.31	12	8	1030	.0	4
754											
3380.0	15:20	3.08	39	37	.00	.31	12	8	1027	.0	2
3390.0	15:30	3.07	39	37	.00	.31	12	8	1028	.0	6
3395.0	15:31	3.31	39	37	.00	.30	12	8	1034	.0	4
3400.0	15:33	3.24	39	37	.00	.30	12	8	1033	.0	2
3405.0	15:35	3.26	39	37	.00	.30	12	8	1032	.0	3
3410.0	15:37	3.32	39	37	.00	.30	12	8	1031	.0	3
3415.0	15:38	3.24	39	37	.00	.30	12	8	1028	.0	4
3420.0	15:46	2.73	39	37	.00	.30	12	8	1032	.0	1
3425.0	15:48	2.93	39	37	.00	.30	12	8	1030	.0	4
3430.0	15:49	2.95	39	37	.00	.30	12	8	1029	.0	3
786											

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ESP FL 176 HEMATITE PETROLEUM PELICAN #4 PAGE 8 - B

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
786											
3435.0	15:51	2.95	39	37	.00	.30	12	8	1026	.0	3
3440.0	15:53	2.98	39	37	.00	.30	12	8	1024	.0	4
3445.0	15:55	2.98	39	37	.00	.30	12	8	1025	.0	3
3450.0	16: 5	2.93	39	37	.00	.30	12	8	978	.0	5
3455.0	16: 8	3.32	40	37	.00	.30	12	8	552	.0	5
3460.0	16:10	3.43	39	37	.00	.30	12	8	867	.0	5
3465.0	16:12	3.30	39	37	.00	.30	12	8	1039	.0	4
3470.0	16:14	3.44	39	37	.00	.30	9	16	956	.0	5
3475.0	16:16	3.44	39	37	.00	.30	9	16	956	.0	4
3480.0	16:25	3.44	39	37	.00	.31	9	16	954	.0	4
828											
3485.0	16:28	3.27	40	37	.00	.30	9	16	950	.0	5
3490.0	16:29	3.33	40	38	.00	.30	9	16	947	.0	4
3495.0	16:31	3.42	40	38	.00	.30	9	16	946	.0	5
3500.0	16:33	3.31	40	38	.00	.30	9	16	948	.0	4
3505.0	16:34	3.27	40	38	.00	.30	9	16	948	.0	3
3515.0	16:44	3.36	40	38	.00	.30	9	16	951	.0	7
3520.0	16:46	3.33	41	38	.00	.30	9	16	955	.0	5
3525.0	16:48	3.21	41	38	.00	.30	9	16	955	.0	2
3530.0	16:50	3.37	41	38	.00	.30	9	16	952	.0	4
3535.0	16:52	3.28	40	38	.00	.30	9	16	952	.0	4
871											
3540.0	16:53	3.22	39	38	.00	.30	9	16	947	.0	1
3545.0	17: 0	2.92	40	38	.00	.30	9	16	925	.0	1
3550.0	17: 2	3.47	40	38	.00	.30	9	16	925	.0	2
3555.0	17: 4	3.37	40	38	.00	.30	9	16	963	.0	2
3560.0	17: 5	3.27	40	38	.00	.32	15	12	1035	.0	3
3565.0	17: 7	3.41	40	38	.00	.31	18	10	1058	.0	4
3570.0	17: 9	3.40	40	38	.00	.32	18	10	1058	.0	3
3575.0	17:16	3.36	40	38	.00	.32	18	10	1019	.0	2
3580.0	17:18	3.57	40	38	.00	.30	18	10	1001	.0	2
3585.0	17:20	3.08	40	38	.00	.30	18	10	1001	.0	3
894											
3590.0	17:22	3.39	40	38	.00	.30	18	10	1001	.0	3
3595.0	17:23	3.29	40	38	.00	.30	18	10	815	.0	4
3600.0	17:25	3.30	40	38	.00	.30	18	10	761	.0	4
3605.0	17:34	3.23	40	38	.00	.30	18	10	1004	.0	5
3610.0	17:35	2.95	41	38	.00	.30	18	10	1018	.0	2
3615.0	17:36	3.04	41	38	.00	.30	18	10	1028	.0	2
3620.0	17:37	3.11	41	38	.00	.30	18	10	1028	.0	1
3625.0	17:39	3.16	41	38	.00	.30	18	10	1028	.0	4
3630.0	17:41	3.36	41	38	.00	.30	18	10	1028	.0	3
3635.0	17:43	3.15	41	38	.00	.30	18	10	1033	.0	4
926											
3640.0	17:50	3.01	41	38	.00	.30	18	10	1033	.0	1
3645.0	17:52	3.19	41	38	.00	.30	18	10	1018	.0	3
3650.0	17:53	3.19	41	38	.00	.30	18	10	1016	.0	3
3655.0	17:55	3.41	41	39	.00	.30	18	10	1016	.0	2
3660.0	17:56	3.19	41	39	.00	.30	18	10	1016	.0	2
3665.0	17:58	3.26	41	39	.00	.30	18	10	1014	.0	5
3670.0	18: 8	2.65	41	39	.00	.30	18	10	1025	.0	1
3675.0	18:10	3.30	41	39	.00	.30	18	10	1018	.0	4
3680.0	18:12	3.24	41	39	.00	.30	18	10	1019	.0	4
3685.0	18:13	3.11	41	39	.00	.30	18	10	1019	.0	4
955											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
955											
3690.0	18:15	3.26	41	39	.00	.30	18	10	1022	.0	5
3695.0	18:17	3.22	41	39	.00	.30	18	10	1020	.0	5
3700.0	18:25	2.83	41	39	.00	.30	18	10	1017	.0	3
3705.0	18:27	3.27	41	39	.00	.30	18	10	1016	.0	5
3710.0	18:29	3.18	41	39	.00	.30	18	10	1017	.0	4
3715.0	18:31	3.30	41	39	.00	.30	18	10	1017	.0	4
3720.0	18:33	3.30	41	39	.00	.30	18	10	1018	.0	4
3725.0	18:35	3.31	42	39	.00	.30	18	10	1018	.0	4
3730.0	18:44	2.96	42	39	.00	.30	18	10	1017	.0	4
3735.0	18:46	3.24	42	39	.00	.30	18	10	1014	.0	5
998											
3740.0	18:48	3.09	42	39	.00	.30	18	10	1016	.0	4
3745.0	18:50	3.25	42	39	.00	.30	18	10	1019	.0	5
3750.0	18:52	3.15	42	39	.00	.30	18	10	1021	.0	4
3755.0	18:54	3.20	42	39	.00	.30	18	10	1019	.0	4
3760.0	18:55	3.20	42	39	.00	.30	18	10	1020	.0	3
3765.0	19: 5	3.09	42	39	.00	.31	18	10	1027	.0	4
3770.0	19: 7	3.16	42	39	.00	.31	18	10	1030	.0	3
3775.0	19: 9	3.09	42	39	.00	.31	18	10	1031	.0	5
3780.0	19:11	3.22	42	39	.00	.31	18	10	1032	.0	3
3785.0	19:12	3.10	42	40	.00	.31	18	10	1032	.0	2
1035											
3790.0	19:13	2.84	42	40	.00	.31	18	10	1032	.0	3
3820.0	19:30	2.84	42	40	.00	.31	18	10	1029	.0	3
3825.0	19:38	2.74	42	40	.00	.31	18	10	1029	.0	4
3830.0	19:39	3.00	42	40	.00	.31	18	10	1033	.0	2
3835.0	19:40	2.94	42	40	.00	.31	18	10	1035	.0	2
3840.0	19:42	2.89	42	40	.00	.32	18	10	1030	.0	3
3845.0	19:43	3.15	42	40	.00	.31	18	10	1025	.0	3
3850.0	19:45	2.83	42	40	.00	.32	18	10	1025	.0	3
3855.0	19:53	2.79	43	40	.00	.31	18	9	1032	.0	3
3860.0	19:54	2.86	43	40	.00	.31	17	8	1050	.0	3
1064											
3865.0	19:56	2.90	43	40	.00	.31	17	8	1047	.0	4
3870.0	19:57	2.88	43	40	.00	.31	17	8	1040	.0	3
3875.0	19:59	2.79	43	40	.00	.31	17	8	1039	.0	3
3880.0	20: 0	2.91	43	40	.00	.31	17	8	1039	.0	2
3885.0	20: 1	2.82	43	40	.00	.31	17	8	1039	.0	2
3890.0	20:10	3.06	43	40	.00	.31	17	8	1037	.0	5
3895.0	20:11	2.94	42	40	.00	.31	17	8	1035	.0	3
3900.0	20:12	2.92	42	40	.00	.31	17	8	1037	.0	3
3905.0	20:14	2.97	42	40	.00	.31	17	8	1039	.0	2
3910.0	20:15	2.98	42	40	.00	.31	17	8	1039	.0	1
1092											
3915.0	20:16	3.08	42	40	.00	.31	17	8	1037	.0	3
3920.0	20:24	2.86	42	40	.00	.31	17	8	1036	.0	2
3925.0	20:26	3.09	43	40	.00	.31	17	8	1035	.0	3
3930.0	20:27	3.15	43	40	.00	.31	17	8	1038	.0	3
3935.0	20:29	2.94	43	40	.00	.31	17	8	1038	.0	3
3940.0	20:30	3.00	43	40	.00	.31	17	8	1038	.0	3
3945.0	20:31	3.00	43	40	.00	.32	17	8	1045	.0	3
3970.0	20:47	2.91	43	42	.00	.31	17	8	1047	.0	7
3975.0	20:48	2.96	44	44	.00	.31	17	8	1042	.0	3
3980.0	20:50	2.98	44	44	.00	.31	17	8	1040	.0	2
1124											

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ESP FL 176 HEMATITE PETROLEUM PELICAN #4 PAGE 10 - B

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
1124											
3985.0	20:59	2.54	44	44	.00	.31	17	8	1040	.0	2
3990.0	21: 1	3.05	44	44	.00	.31	17	8	1040	.0	2
3995.0	21: 2	2.82	44	44	.00	.31	17	8	1043	.0	3
4000.0	21: 4	2.76	44	44	.00	.31	17	8	1043	.0	4
4005.0	21: 5	2.91	44	44	.00	.31	17	8	1046	.0	3
4010.0	21: 7	2.90	45	44	.00	.31	17	8	1046	.0	3
4015.0	21:15	2.74	45	44	.00	.31	17	8	1043	.0	2
4020.0	21:16	2.62	45	44	.00	.31	17	8	1042	.0	4
4025.0	21:18	2.80	45	44	.00	.31	17	8	1046	.0	4
4030.0	21:19	2.72	45	44	.00	.31	17	8	1046	.0	2
1153											
4035.0	21:21	2.80	45	44	.00	.31	17	8	1046	.0	2
4040.0	21:22	2.87	45	44	.00	.31	17	8	1046	.0	2
4045.0	21:31	2.91	45	45	.00	.31	17	8	1046	.0	1
4050.0	21:33	3.20	45	45	.00	.31	17	8	1041	.0	2
4055.0	21:34	3.16	45	45	.00	.31	17	8	1041	.0	4
4060.0	21:35	3.00	45	45	.00	.31	17	8	1041	.0	1
4065.0	21:37	3.06	45	45	.00	.31	17	8	1041	.0	5
4070.0	21:39	3.07	45	45	.00	.31	17	8	1034	.0	3
4080.0	21:48	3.07	45	45	.00	.31	17	8	1034	.0	5
4085.0	21:49	3.06	46	45	.00	.31	17	8	1038	.0	3
1181											
4090.0	21:51	3.15	46	45	.00	.31	17	8	1039	.0	3
4095.0	21:52	3.09	46	45	.00	.31	17	8	1041	.0	4
4100.0	21:54	3.14	46	45	.00	.31	17	8	1041	.0	4
4105.0	21:56	3.20	46	45	.00	.31	17	8	1038	.0	4
4110.0	22: 3	3.07	46	45	.00	.31	17	8	1038	.0	3
4115.0	22: 5	3.03	46	45	.00	.31	17	8	1037	.0	4
4120.0	22: 6	2.94	46	45	.00	.31	17	8	1038	.0	3
4125.0	22: 8	2.99	46	45	.00	.31	17	8	1038	.0	2
4130.0	22: 9	3.03	46	45	.00	.31	17	8	1038	.0	3
4135.0	22:11	2.98	46	45	.00	.31	17	8	1040	.0	4
1215											
4140.0	22:19	3.00	46	45	.00	.31	17	8	1041	.0	3
4145.0	22:21	3.09	46	45	.00	.31	17	8	1039	.0	5
4150.0	22:23	2.98	46	45	.00	.31	17	8	1041	.0	2
4155.0	22:24	3.00	46	46	.00	.31	17	8	1041	.0	2
4160.0	22:26	3.02	46	46	.00	.31	17	8	1041	.0	3
4165.0	22:27	3.03	46	46	.00	.31	17	8	1039	.0	3
4170.0	22:29	3.02	46	46	.00	.31	17	8	1038	.0	3
4175.0	22:38	3.05	46	46	.00	.31	17	8	1030	.0	3
4180.0	22:39	3.13	46	46	.00	.31	17	8	1036	.0	3
4185.0	22:41	3.13	46	46	.00	.31	17	8	1038	.0	4
1246											
4190.0	22:42	3.09	46	46	.00	.31	17	8	1038	.0	3
4195.0	22:44	3.15	46	46	.00	.31	17	8	1038	.0	4
4200.0	22:46	3.18	46	46	.00	.31	17	8	1039	.0	3
4205.0	22:54	3.14	46	46	.00	.31	17	8	1031	.0	3
4210.0	22:56	3.13	46	46	.00	.31	17	8	1041	.0	4
4215.0	22:57	3.16	46	46	.00	.31	17	8	1042	.0	4
4220.0	22:59	3.18	46	46	.00	.31	17	8	1042	.0	5
4225.0	23: 0	3.14	47	46	.00	.31	17	8	1040	.0	2
4230.0	23: 1	3.18	47	46	.00	.31	17	8	1037	.0	3
4235.0	23: 9	2.94	47	46	.00	.31	17	8	1029	.0	3
1280											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
	1280										
4240.0	23:11	3.05	47	46	.00	.31	17	8	1032	.0	4
4245.0	23:12	3.07	47	46	.00	.31	17	8	1034	.0	4
4250.0	23:14	3.14	47	46	.00	.31	17	8	1034	.0	3
4255.0	23:16	3.06	47	46	.00	.31	17	8	1034	.0	4
4260.0	23:17	3.11	47	46	.00	.31	17	8	1034	.0	4
4275.0	23:30	2.79	47	46	.00	.31	17	8	1037	.0	5
4280.0	23:32	2.91	47	46	.00	.31	17	8	1040	.0	4
4285.0	23:34	3.04	47	46	.00	.31	17	8	1036	.0	5
4290.0	23:36	2.89	47	46	.00	.31	17	8	952	.0	4
4295.0	23:38	3.34	47	46	.00	.31	17	8	557	.0	5
	1322										
4300.0	23:48	3.31	47	46	.00	.31	17	8	568	.0	5
4305.0	23:51	3.21	46	46	.00	.31	17	8	572	.0	5
4310.0	23:53	3.11	46	46	.00	.31	17	8	572	.0	4
4315.0	23:56	3.30	46	46	.00	.31	17	8	573	.0	5
4320.0	23:59	3.04	46	46	.00	.31	17	8	566	.0	5
4325.0	0: 2	2.97	46	46	.00	.31	17	8	825	.0	5
4330.0	0:11	3.27	46	46	.00	.31	17	8	1028	.0	5
4335.0	0:14	3.49	45	46	.00	.31	17	8	1028	.0	5
4340.0	0:15	3.32	45	47	.00	.31	17	8	1025	.0	4
4345.0	0:17	3.40	45	47	.00	.31	17	8	933	.0	5
	1370										
4350.0	0:20	3.56	45	46	.00	.31	17	8	530	.0	5
4355.0	0:22	3.47	45	46	.00	.31	17	8	551	.0	4
4360.0	0:29	3.44	45	46	.00	.31	17	8	560	.0	5
4365.0	0:31	3.51	45	47	.00	.31	17	8	878	.0	5
4370.0	0:33	3.39	45	46	.00	.31	17	8	1010	.0	4
4375.0	0:34	3.36	45	47	.00	.31	17	8	1024	.0	1
4380.0	0:36	3.45	45	47	.00	.31	17	8	1031	.0	5
4385.0	0:38	3.40	45	47	.00	.31	17	8	1031	.0	3
4390.0	0:46	3.39	45	46	.00	.31	17	8	1029	.0	4
4395.0	0:47	3.30	45	46	.00	.31	17	8	1036	.0	4
	1410										
4400.0	0:49	3.24	45	46	.00	.31	17	8	1035	.0	4
4405.0	0:51	3.30	45	46	.00	.31	17	8	1035	.0	3
4410.0	0:52	3.21	45	46	.00	.31	17	8	1035	.0	2
4415.0	0:54	3.32	46	47	.00	.31	17	8	1035	.0	4
4420.0	1: 1	3.31	46	47	.00	.31	17	8	1031	.0	4
4425.0	1: 3	3.22	46	47	.00	.31	17	8	1004	.0	3
4430.0	1: 5	3.21	46	47	.00	.31	17	8	1002	.0	5
4435.0	1: 6	3.24	46	47	.00	.31	17	8	1000	.0	5
4440.0	1: 8	3.24	46	47	.00	.31	17	8	999	.0	3
4445.0	1:10	3.25	46	47	.00	.31	17	8	1005	.0	5
	1448										
4450.0	1:17	3.18	46	47	.00	.31	17	8	1024	.0	5
4455.0	1:19	3.11	46	47	.00	.31	17	8	1021	.0	4
4460.0	1:20	3.19	46	47	.00	.31	17	8	1021	.0	4
4465.0	1:22	3.09	46	47	.00	.31	17	8	1018	.0	4
4470.0	1:24	3.10	46	47	.00	.31	17	8	1022	.0	5
4475.0	1:25	3.13	46	47	.00	.31	17	8	1022	.0	5
4480.0	1:27	3.06	46	47	.00	.31	17	8	1022	.0	2
4485.0	1:34	3.10	46	47	.00	.31	17	8	1019	.0	4
4490.0	1:35	3.27	46	47	.00	.31	17	8	1016	.0	5
4495.0	1:37	3.08	46	47	.00	.31	17	8	1015	.0	4
	1490										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
1490											
4500.0	1:38	3.22	46	47	.00	.31	17	8	1011	.0	5
4505.0	1:40	3.31	46	47	.00	.31	17	8	1011	.0	3
4510.0	1:41	3.21	46	47	.00	.31	17	8	1011	.0	1
4515.0	1:49	3.29	46	47	.00	.31	17	8	1021	.0	5
4520.0	1:51	3.43	46	47	.00	.31	17	8	1024	.0	3
4525.0	1:53	3.40	46	47	.00	.31	17	8	1024	.0	5
4530.0	1:55	3.40	46	47	.00	.31	17	8	1024	.0	5
4535.0	1:57	3.32	46	47	.00	.31	17	8	1024	.0	3
4540.0	1:59	3.31	46	47	.00	.31	17	8	1024	.0	3
4545.0	2: 7	3.43	46	47	.00	.31	17	8	666	.0	5
1528											
4550.0	2: 9	3.51	46	47	.00	.31	17	8	576	.0	5
4555.0	2:13	3.61	46	47	.00	.31	17	8	576	.0	5
4560.0	2:16	3.49	46	47	.00	.31	17	8	577	.0	5
4565.0	2:19	3.58	46	46	.00	.31	17	8	574	.0	5
4570.0	2:21	3.42	46	47	.00	.31	17	8	881	.0	5
4580.0	2:29	3.02	46	47	.00	.31	17	8	1018	.0	2
4585.0	2:31	3.11	46	47	.00	.31	17	8	1018	.0	4
4590.0	2:33	3.39	46	47	.00	.31	17	8	1018	.0	3
4595.0	2:35	3.40	46	47	.00	.31	17	8	1018	.0	4
4600.0	2:37	3.36	46	47	.00	.31	17	8	1018	.0	5
1571											
4610.0	2:47	3.22	46	47	.00	.31	17	8	1020	.0	4
4615.0	2:49	3.52	46	47	.00	.31	17	8	1032	.0	5
4620.0	2:52	3.58	46	47	.00	.31	17	8	1034	.0	5
4625.0	2:54	3.53	46	47	.00	.31	17	8	1036	.0	5
4630.0	2:56	3.62	46	47	.00	.31	17	8	1036	.0	4
4635.0	2:59	3.53	46	48	.00	.31	17	8	1042	.0	5
4640.0	3:37	3.60	46	48	.00	.31	17	8	908	.0	3
4645.0	6:23	3.41	42	48	.00	1.71	17	8	1017	.0	4
4650.0	6:27	3.48	41	45	.00	1.94	17	8	1023	.0	5
4655.0	6:30	3.39	40	45	.00	2.03	17	8	1027	.0	5
1616											
4660.0	6:33	3.48	40	45	.00	2.14	17	8	1025	.0	5
4665.0	6:36	3.44	39	43	.00	2.41	17	8	1023	.0	5
4675.0	6:47	3.41	38	42	.00	2.53	17	8	984	.0	5
4680.0	6:50	3.41	38	41	.00	2.53	17	8	992	.0	5
4685.0	6:53	3.51	39	40	.00	2.32	17	8	1001	.0	5
4690.0	6:55	3.48	39	40	.00	2.75	17	8	1016	.0	5
4695.0	6:58	3.37	40	40	.00	2.94	17	8	1016	.0	5
4700.0	7: 0	3.50	40	40	.00	3.15	17	8	1013	.0	5
4705.0	7:11	3.49	40	40	.00	3.16	17	8	999	.0	4
4710.0	7:14	3.54	41	40	.00	3.02	17	8	1012	.0	5
1665											
4715.0	7:16	3.60	41	40	.00	3.15	17	8	1028	.0	5
4720.0	7:20	3.64	41	41	.00	3.23	17	8	1031	.0	5
4725.0	7:23	3.64	41	41	.00	3.31	17	8	1031	.0	5
4730.0	7:25	3.51	41	41	.00	3.44	17	8	1034	.0	5
4735.0	7:34	3.39	41	41	.00	3.41	17	8	1034	.0	4
4740.0	7:37	3.49	41	41	.00	3.53	17	8	1023	.0	5
4745.0	7:40	3.57	41	41	.00	3.54	17	8	1026	.0	5
4750.0	7:42	3.49	41	41	.00	3.60	17	8	1026	.0	5
4755.0	7:45	3.64	41	41	.00	3.74	17	8	1026	.0	5
4760.0	7:48	3.58	41	42	.00	3.79	17	8	1026	.0	5
1714											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
	1714										
4765.0	7:51	3.60	41	42	.00	3.69	17	8	1026	.0	5
4770.0	8: 4	3.69	42	42	.00	3.47	17	8	1019	.0	5
4775.0	8: 8	3.65	42	42	.00	3.34	17	8	1014	.0	5
4780.0	8:11	3.71	42	42	.00	3.42	17	8	1014	.0	4
4785.0	8:15	3.65	42	42	.00	3.39	17	8	1011	.0	5
4790.0	8:18	3.66	42	42	.00	3.40	17	8	1007	.0	5
4795.0	8:21	3.59	42	43	.00	3.47	17	8	1007	.0	5
4800.0	8:33	3.63	43	43	.00	3.49	17	8	1012	.0	5
4805.0	8:36	3.64	43	43	.00	3.41	17	8	1013	.0	5
4810.0	8:40	3.64	43	43	.00	3.30	17	8	1033	.0	5
	1763										
4815.0	8:43	3.61	43	43	.00	3.27	17	8	1034	.0	5
4820.0	8:45	3.54	43	43	.00	3.26	17	8	1034	.0	2
4825.0	8:48	3.54	43	43	.00	3.29	17	8	1025	.0	5
4830.0	9: 0	3.61	44	43	.00	3.25	17	8	1018	.0	5
4835.0	9: 3	3.48	44	43	.00	3.19	17	8	1016	.0	5
4840.0	9: 5	3.30	44	44	.00	3.20	17	8	1014	.0	4
4845.0	9: 8	3.53	44	44	.00	3.16	17	8	1014	.0	3
4850.0	9:10	3.09	44	44	.00	3.08	17	8	1014	.0	2
4855.0	9:13	3.55	44	44	.00	3.11	17	8	1016	.0	5
4870.0	9:28	3.54	44	44	.00	3.21	17	8	1018	.0	3
	1802										
4875.0	9:30	3.41	44	44	.00	3.02	17	8	1020	.0	4
4880.0	9:33	3.61	44	44	.00	3.17	17	8	1018	.0	4
4885.0	9:35	3.45	45	44	.00	3.35	17	8	742	.0	4
4890.0	9:38	3.46	45	44	.00	3.35	17	8	638	.0	5
4895.0	9:45	3.24	45	45	.00	3.34	17	8	624	.0	1
4900.0	9:50	3.77	45	45	.00	3.40	17	8	841	.0	5
4905.0	9:56	3.90	44	45	.00	3.42	17	8	612	.0	5
4910.0	10: 2	3.76	44	45	.00	3.49	17	8	602	.0	5
4915.0	10: 6	3.55	44	45	.00	3.54	17	8	585	.0	5
4920.0	10:12	3.68	44	45	.00	3.66	17	8	587	.0	5
	1845										
4925.0	10:24	3.59	44	45	.00	3.67	17	8	587	.0	5
4930.0	10:28	3.43	44	45	.00	3.79	17	8	591	.0	5
4935.0	10:34	3.68	44	45	.00	3.81	17	8	595	.0	5
4940.0	10:39	3.45	44	45	.00	3.82	17	8	601	.0	5
4945.0	10:41	3.30	44	46	.00	3.84	17	8	605	.0	5
4950.0	10:48	3.84	44	46	.00	3.91	17	8	605	.0	5
4955.0	10:50	3.43	44	46	.00	3.98	17	8	601	.0	5
4960.0	11: 0	3.41	44	46	.00	3.81	17	8	982	.0	5
4965.0	11: 4	3.63	44	46	.00	3.65	17	8	1010	.0	5
4970.0	11: 7	3.55	44	46	.00	3.60	17	8	1012	.0	5
	1895										
4975.0	11: 9	3.33	44	46	.00	3.58	17	8	1011	.0	4
4980.0	11:12	3.45	44	46	.00	3.58	17	8	1017	.0	5
4985.0	11:16	3.60	45	46	.00	3.50	17	8	1018	.0	5
4990.0	11:27	3.85	45	46	.00	3.30	17	8	992	.0	5
4995.0	11:33	3.96	45	46	.00	3.24	17	8	1016	.0	5
5000.0	11:37	3.86	45	46	.00	3.29	17	8	1011	.0	5
5005.0	11:41	3.72	45	46	.00	3.21	17	8	1007	.0	5
5010.0	11:44	3.65	45	46	.00	3.20	17	8	1007	.0	5
5015.0	11:49	3.82	45	46	.00	3.18	17	8	1007	.0	5
5020.0	12: 2	3.78	45	46	.00	3.12	17	8	1004	.0	5
	1944										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
	1944										
5025.0	12: 8	3.89	45	46	.00	3.09	17	8	997	.0	5
5030.0	12:14	3.95	45	46	.00	2.98	17	8	990	.0	5
5035.0	12:20	4.00	46	46	.00	2.92	17	8	988	.0	5
5040.0	12:25	3.99	46	46	.00	2.87	17	8	984	.0	5
5045.0	12:31	4.05	46	46	.00	2.90	17	8	981	.0	5
5050.0	12:47	3.97	46	46	.00	2.91	17	8	983	.0	5
5055.0	12:53	4.00	45	46	.00	2.99	17	8	986	.0	5
5060.0	12:57	3.65	45	46	.00	3.02	17	8	989	.0	3
5065.0	13: 1	3.74	46	47	.00	3.05	17	8	987	.0	5
5070.0	13: 9	4.06	46	47	.00	3.07	17	8	989	.0	5
	1992										
5075.0	13:13	3.61	46	47	.00	3.07	17	8	991	.0	4
5080.0	13:22	3.25	46	48	.00	3.08	17	8	988	.0	4
5085.0	13:29	4.03	46	48	.00	2.96	17	8	982	.0	5
5090.0	13:36	4.03	46	48	.00	2.86	17	8	979	.0	5
5095.0	13:42	3.97	47	49	.00	2.90	17	8	979	.0	5
5100.0	13:49	4.04	46	49	.00	3.04	17	8	977	.0	5
5105.0	13:53	3.71	46	49	.00	3.12	17	8	980	.0	5
5110.0	14: 0	4.00	46	49	.00	3.11	17	8	978	.0	5
5115.0	14:39	3.97	47	50	.00	2.92	17	8	972	.0	1
5120.0	14:40	3.95	47	50	.00	2.82	17	8	972	.0	1
	2032										
5125.0	14:42	4.08	47	49	.00	2.77	17	8	968	.0	1
5130.0	14:42	3.93	47	49	.00	2.81	17	8	972	.0	1
5135.0	14:43	3.92	47	49	.00	2.80	17	8	972	.0	1
5140.0	14:44	3.95	47	49	.00	2.80	17	8	968	.0	1
5142.0	14:46	4.14	47	49	.00	2.76	17	8	975	.0	2
				NEW BIT ID:		4					
5145.0	23:18	3.32	40	43	.00	1.71	17	10	928	.0	2
5150.0	23:22	3.56	41	43	.00	2.08	17	10	969	.0	4
5155.0	23:25	3.57	41	43	.00	2.25	17	10	964	.0	5
5160.0	23:38	3.49	42	44	.00	2.08	17	10	962	.0	5
5180.0	23:42	3.25	43	43	.00	1.92	17	10	958	.0	5
	2063										
5185.0	23:45	3.60	43	43	.00	2.25	17	10	953	.0	5
5190.0	23:49	3.66	43	43	.00	2.07	17	10	953	.0	5
5195.0	23:53	3.68	43	43	.00	1.91	17	10	950	.0	5
5200.0	23:56	3.60	44	43	.00	1.85	17	10	954	.0	5
5205.0	0: 0	3.65	44	43	.00	1.94	17	10	951	.0	5
5210.0	0:11	3.70	45	43	.00	1.43	17	10	1010	.0	5
5215.0	0:14	3.71	45	43	.00	1.34	17	10	1034	.0	5
5220.0	0:17	3.63	45	43	.00	1.34	17	10	1032	.0	4
5225.0	0:20	3.72	45	43	.00	1.33	17	10	1032	.0	5
5230.0	0:23	3.65	45	43	.00	1.46	17	10	1027	.0	4
	2111										
5235.0	0:25	3.42	44	43	.00	1.66	17	10	1022	.0	4
5240.0	0:36	3.67	43	43	.00	1.67	17	10	1019	.0	5
5245.0	0:42	3.98	43	43	.00	1.48	17	10	1027	.0	4
5250.0	0:45	3.67	43	43	.00	1.37	17	10	1027	.0	5
5255.0	0:48	3.64	43	43	.00	1.45	17	10	1025	.0	5
5260.0	0:50	3.51	43	43	.00	1.40	17	10	1023	.0	5
5265.0	0:54	3.89	43	43	.00	1.42	17	10	1021	.0	5

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
2144											
5270.0	1: 6	3.54	43	43	.00	1.49	17	10	925	.0	5
5275.0	1: 7	3.42	43	42	.00	1.41	17	10	895	.0	2
5280.0	1: 9	3.67	43	42	.00	1.36	17	10	900	.0	5
5285.0	1:11	3.60	43	42	.00	1.32	17	10	903	.0	2
5290.0	1:13	3.57	43	42	.00	1.34	17	10	900	.0	3
5295.0	1:14	3.53	43	42	.00	1.30	17	10	898	.0	4
5300.0	1:23	3.56	43	42	.00	1.29	17	10	904	.0	2
5305.0	1:26	3.80	43	42	.00	1.32	17	10	916	.0	4
5310.0	1:29	3.82	44	42	.00	1.33	17	10	922	.0	4
5315.0	1:32	3.81	44	42	.00	1.32	17	10	928	.0	4
2179											
5320.0	1:33	3.44	44	42	.00	1.31	17	10	918	.0	3
5325.0	1:35	3.71	44	42	.00	1.30	17	10	917	.0	3
5335.0	1:45	3.19	44	41	.00	1.31	17	10	908	.0	4
5340.0	1:47	2.89	44	41	.00	1.32	17	10	909	.0	4
5345.0	1:49	2.99	44	41	.00	1.33	17	10	909	.0	3
5350.0	1:50	2.86	44	41	.00	1.32	17	10	910	.0	2
5355.0	1:52	2.95	45	58	.00	1.32	17	10	908	.0	2
5360.0	1:53	2.56	45	51	.00	1.34	17	10	913	.0	2
5365.0	2: 1	2.91	45	47	.00	1.35	17	10	914	.0	2
5370.0	2: 5	2.93	45	47	.00	1.32	17	10	913	.0	5
2209											
5375.0	2: 6	2.77	45	46	.00	1.29	17	10	912	.0	3
5380.0	2: 9	2.90	46	46	.00	1.29	17	10	910	.0	5
5385.0	2:13	2.99	46	46	.00	1.33	17	10	919	.0	5
5390.0	2:18	3.67	46	46	.00	1.31	17	10	913	.0	5
5395.0	2:25	3.99	46	46	.00	1.33	17	10	915	.0	5
5400.0	2:35	3.70	47	47	.00	1.35	17	10	904	.0	5
5405.0	2:38	3.91	47	47	.00	1.34	17	10	909	.0	5
5410.0	2:41	3.87	47	47	.00	1.35	17	10	912	.0	5
5415.0	2:46	4.06	47	47	.00	1.27	17	10	907	.0	5
5420.0	2:50	3.95	48	47	.00	1.24	17	10	908	.0	5
2257											
5425.0	2:54	4.01	48	47	.00	1.24	17	10	901	.0	5
5430.0	3:10	3.82	48	48	.00	1.25	17	10	901	.0	2
5435.0	3:12	3.74	48	53	.00	1.21	17	10	911	.0	5
5440.0	3:15	3.75	48	53	.00	1.25	17	10	915	.0	5
5445.0	3:18	3.82	48	53	.00	1.25	17	10	912	.0	5
5450.0	3:22	3.84	48	53	.00	1.22	17	10	913	.0	5
5460.0	3:33	3.80	48	53	.00	1.24	17	10	910	.0	6
5465.0	3:36	3.95	48	54	.00	1.21	17	10	913	.0	5
5470.0	3:39	3.84	48	54	.00	1.20	17	10	908	.0	5
5475.0	3:42	3.91	48	54	.00	1.20	17	10	907	.0	5
2305											
5480.0	3:44	3.86	48	54	.00	1.22	17	10	906	.0	5
5485.0	3:47	3.88	48	54	.00	1.20	17	10	902	.0	5
5490.0	3:59	3.80	49	54	.00	1.20	17	10	904	.0	3
5495.0	4: 2	3.84	49	54	.00	1.17	17	10	921	.0	5
5500.0	4: 4	3.81	49	54	.00	1.18	17	10	919	.0	5
5505.0	4: 7	3.81	49	53	.00	1.18	17	10	912	.0	5
5510.0	4:10	3.78	49	54	.00	1.17	17	10	910	.0	5
5515.0	4:12	3.81	49	54	.00	1.17	17	10	911	.0	5
5520.0	4:23	3.44	49	53	.00	1.17	17	10	909	.0	5
5525.0	4:27	2.31	49	53	.00	1.19	17	10	902	.0	5
2353											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
2353											
5530.0	4:30	2.33	49	53	.00	1.20	17	10	900	.0	5
5535.0	4:33	2.42	49	53	.00	1.21	17	10	901	.0	5
5540.0	4:36	2.44	49	53	.00	1.20	17	10	905	.0	5
5545.0	4:39	2.30	50	53	.00	1.20	17	10	901	.0	5
5555.0	4:55	3.22	50	53	.00	1.19	17	10	897	.0	5
5560.0	4:58	3.80	50	53	.00	1.19	17	10	901	.0	5
5565.0	5: 1	3.79	50	53	.00	1.19	17	10	901	.0	5
5570.0	5: 4	3.83	50	53	.00	1.19	17	10	906	.0	5
5575.0	5: 8	3.84	49	52	.00	1.19	17	10	906	.0	5
5580.0	5:19	3.90	49	53	.00	1.23	17	10	904	.0	5
2403											
5585.0	5:22	3.78	49	54	.00	1.33	17	10	910	.0	5
5590.0	5:26	3.80	50	54	.00	1.33	17	10	913	.0	5
5595.0	5:28	3.74	50	54	.00	1.32	17	10	919	.0	5
5600.0	5:31	3.73	50	54	.00	1.32	17	10	916	.0	5
5605.0	5:34	3.69	50	54	.00	1.32	17	10	919	.0	5
5610.0	5:43	3.67	51	54	.00	1.30	17	10	919	.0	4
5615.0	5:44	3.77	51	54	.00	1.31	17	10	906	.0	1
5620.0	5:46	3.76	51	55	.00	1.31	17	10	914	.0	5
5625.0	5:49	3.73	51	54	.00	1.31	17	10	882	.0	5
5630.0	5:52	3.78	51	55	.00	1.31	17	10	881	.0	5
2448											
5635.0	5:54	3.75	51	55	.00	1.31	17	10	879	.0	5
5640.0	5:57	3.76	51	54	.00	1.31	17	10	887	.0	5
5645.0	6: 8	3.77	51	55	.00	1.31	17	10	885	.0	5
5650.0	6:12	3.92	51	55	.00	1.30	17	10	912	.0	5
5655.0	6:15	3.82	51	54	.00	1.29	17	10	931	.0	5
5660.0	6:18	3.81	51	54	.00	1.29	17	10	930	.0	5
5665.0	6:21	3.81	51	55	.00	1.28	17	10	931	.0	4
5670.0	6:24	3.81	51	55	.00	1.28	17	10	925	.0	5
5675.0	6:27	3.75	51	54	.00	1.27	17	10	921	.0	5
5700.0	6:52	3.56	51	56	.00	1.16	17	10	906	.0	4
2496											
5710.0	7: 2	3.13	51	55	.00	1.16	17	10	906	.0	3
5715.0	7: 5	3.05	51	55	.00	1.17	17	10	903	.0	4
5720.0	7: 8	3.04	51	55	.00	1.17	17	10	904	.0	5
5725.0	7:11	3.06	52	55	.00	1.16	17	10	894	.0	5
5730.0	7:15	3.06	52	55	.00	1.16	17	10	896	.0	5
5735.0	7:19	3.62	52	55	.00	1.15	17	10	913	.0	5
5740.0	7:36	4.19	52	55	.00	1.14	17	10	1037	.0	5
5745.0	7:41	3.97	53	55	.00	1.16	17	10	1038	.0	5
5750.0	7:45	4.13	53	55	.00	1.16	17	10	1031	.0	2
5755.0	7:46	3.88	53	55	.00	1.17	17	10	1028	.0	1
2536											
5760.0	7:58	4.04	52	55	.00	1.19	17	10	901	.0	5
5765.0	8: 2	4.02	52	55	.00	1.18	17	10	1016	.0	3
5790.0	8:23	3.84	52	55	.00	1.19	17	10	1028	.0	7
5795.0	8:28	3.64	52	55	.00	1.19	17	10	1037	.0	4
5800.0	8:29	3.50	53	55	.00	1.19	17	10	1035	.0	4
5805.0	8:38	3.36	53	55	.00	1.18	17	10	1035	.0	1
5810.0	8:39	3.44	53	55	.00	1.18	17	10	1029	.0	3
5815.0	8:49	4.30	53	55	.00	1.16	17	10	1032	.0	5
5820.0	8:54	3.98	53	55	.00	1.16	17	10	1035	.0	5
5825.0	9: 4	4.03	53	55	.00	1.16	17	10	1034	.0	5
2578											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
2578											
5830.0	9:11	4.16	53	55	.00	1.16	17	10	1031	.0	5
5865.0	9:52	3.85	53	55	.00	1.15	17	10	1027	.0	4
5870.0	9:54	3.42	53	55	.00	1.14	17	10	1022	.0	4
5875.0	9:55	3.44	53	55	.00	1.14	17	10	1021	.0	3
5880.0	9:59	3.49	53	55	.00	1.13	17	10	1021	.0	2
5885.0	10: 1	3.32	53	55	.00	1.12	17	10	1026	.0	2
5890.0	10: 4	3.70	53	55	.00	1.13	17	10	1029	.0	5
5900.0	10:15	3.73	53	55	.00	1.13	17	10	1029	.0	7
5905.0	10:19	3.87	53	55	.00	1.12	17	10	1031	.0	5
5910.0	10:21	3.78	53	55	.00	1.12	17	10	1030	.0	4
2619											
5915.0	10:25	3.96	53	55	.00	1.12	17	10	1026	.0	5
5920.0	10:31	4.13	53	55	.00	1.13	17	10	1024	.0	5
5925.0	10:42	4.39	53	55	.00	1.14	17	10	1023	.0	5
5930.0	11: 0	4.00	53	55	.00	1.15	17	10	1025	.0	4
5935.0	11:14	4.10	53	55	.00	1.15	17	10	1029	.0	5
5940.0	11:24	3.96	54	54	.00	1.16	17	10	1034	.0	5
5945.0	11:28	3.56	54	53	.00	1.16	17	10	1034	.0	3
5950.0	11:35	3.54	54	52	.00	1.17	17	10	1030	.0	4
5955.0	11:37	3.17	54	52	.00	1.17	17	10	1028	.0	3
5960.0	11:52	3.30	54	53	.00	1.17	17	10	1029	.0	5
2663											
5965.0	11:54	3.64	53	51	.00	1.13	17	10	1020	.0	4
5970.0	11:57	3.77	53	51	.00	1.13	17	10	1017	.0	3
5975.0	11:59	3.58	53	51	.00	1.13	17	10	1016	.0	4
5980.0	12: 1	3.70	53	51	.00	1.14	17	10	1037	.0	5
5985.0	12: 5	3.91	53	50	.00	1.13	17	10	1038	.0	4
5995.0	12:23	3.88	54	47	.00	1.13	17	10	1039	.0	5
6000.0	12:40	3.30	54	49	.00	1.17	17	10	1041	.0	5
6005.0	12:42	3.11	54	49	.00	1.17	17	10	1037	.0	4
6010.0	12:55	4.09	54	50	.00	1.17	17	10	1033	.0	5
6015.0	13:22	4.60	55	49	.00	1.17	17	10	1018	.0	5
2707											
6020.0	13:49	4.58	56	50	.00	1.18	17	10	982	.0	5
6025.0	14:14	4.30	56	55	.00	1.21	17	10	1011	.0	5
6030.0	14:23	4.28	56	56	.00	1.22	17	10	1018	.0	5
6032.0	14:38	4.87	57	58	.00	1.17	17	10	1050	.0	2
NEW BIT ID: 5											
6035.0	2:30	2.90	52	56	.00	3.16	18	8	1046	.0	3
6040.0	2:37	3.21	52	56	.00	3.16	18	8	1046	.0	5
6045.0	2:44	3.79	52	55	.00	3.15	18	8	1043	.0	5
6055.0	2:57	3.34	52	55	.00	3.14	18	8	1037	.0	3
6060.0	3: 2	3.77	52	55	.00	3.16	18	8	1043	.0	5
6065.0	3: 7	3.83	52	55	.00	3.14	18	8	1039	.0	5
2754											
6070.0	3:14	3.95	52	55	.00	3.12	18	8	1037	.0	4
6075.0	3:21	3.89	52	55	.00	3.10	18	8	1037	.0	5
6080.0	3:34	4.15	53	55	.00	3.08	18	8	1039	.0	5
6085.0	3:49	4.15	53	54	.00	3.11	18	8	1041	.0	2
6090.0	3:52	3.79	53	54	.00	3.08	18	8	1044	.0	5
6095.0	3:59	3.99	53	54	.00	3.05	18	8	1044	.0	5
6100.0	4:10	4.30	53	54	.00	3.06	18	8	1042	.0	5

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
2785											
6105.0	4:19	4.26	53	54	.00	3.06	18	8	1043	.0	5
6110.0	4:27	4.13	54	54	.00	3.04	18	8	1046	.0	5
6120.0	4:44	3.81	54	55	.00	3.05	18	8	1050	.0	4
6125.0	4:45	3.23	54	55	.00	3.04	18	8	1041	.0	2
6130.0	4:49	3.27	54	55	.00	3.04	18	8	1031	.0	3
6135.0	4:51	3.16	53	55	.00	3.05	18	8	1049	.0	2
6140.0	4:52	3.04	53	55	.00	3.04	18	8	1052	.0	2
6150.0	5: 2	2.91	53	54	.00	3.05	18	8	1048	.0	1
6155.0	5: 3	3.33	53	54	.00	3.11	18	8	1041	.0	2
6160.0	5: 5	3.37	53	54	.00	3.11	18	8	1038	.0	4
2815											
6165.0	5:10	3.76	53	54	.00	3.07	18	8	1034	.0	5
6170.0	5:18	4.09	54	54	.00	3.02	18	8	1037	.0	5
6175.0	5:26	4.03	54	54	.00	2.98	18	8	1037	.0	5
6180.0	5:40	3.96	54	54	.00	2.98	18	8	1034	.0	5
6185.0	5:46	4.02	54	54	.00	2.98	18	8	1033	.0	5
6190.0	5:56	4.34	54	54	.00	2.98	18	8	1033	.0	5
6195.0	6: 4	4.25	55	55	.00	2.96	18	8	1033	.0	5
6200.0	6: 7	3.68	55	56	.00	2.96	18	8	1032	.0	5
6205.0	6:15	4.07	55	56	.00	2.93	18	8	1032	.0	5
6210.0	6:28	4.04	54	56	.00	2.95	18	8	1035	.0	4
2864											
6220.0	6:33	4.03	54	56	.00	2.96	18	8	1034	.0	6
6225.0	6:38	4.18	54	56	.00	2.96	18	8	1031	.0	5
6230.0	6:50	4.44	55	56	.00	2.96	18	8	1029	.0	5
6235.0	7: 5	4.59	55	56	.00	2.95	18	8	1023	.0	5
6240.0	7:17	3.80	55	56	.00	2.93	18	8	1026	.0	1
6245.0	7:26	4.14	55	56	.00	2.99	18	8	1036	.0	5
6250.0	7:28	3.76	55	56	.00	3.00	18	8	1036	.0	5
6255.0	7:30	3.79	55	56	.00	3.02	18	8	1036	.0	4
6260.0	7:36	3.65	55	56	.00	2.99	18	8	1041	.0	4
6265.0	7:41	4.01	55	56	.00	3.01	18	8	1034	.0	4
2908											
6270.0	7:46	4.10	55	56	.00	2.97	18	8	1032	.0	5
6305.0	8:38	3.35	55	56	.00	2.94	18	8	1034	.0	2
6310.0	8:45	4.07	54	56	.00	2.97	18	8	1034	.0	4
6355.0	9:17	3.32	55	56	.00	2.94	18	8	1002	.0	7
6360.0	9:19	3.13	55	57	.00	2.93	18	8	1030	.0	5
6365.0	9:21	3.13	55	57	.00	2.92	18	8	1027	.0	5
6370.0	9:36	3.78	54	57	.00	2.95	18	8	1035	.0	5
6375.0	9:40	3.87	54	57	.00	2.89	18	8	1037	.0	5
6380.0	9:44	3.86	55	57	.00	2.83	18	8	1037	.0	5
6385.0	9:46	3.50	55	57	.00	2.82	18	8	1037	.0	5
2956											
6390.0	9:59	3.36	55	57	.00	2.69	18	8	1033	.0	3
6395.0	10: 1	3.47	55	57	.00	2.64	18	8	1033	.0	4
6400.0	10: 3	3.38	55	57	.00	2.63	18	8	1033	.0	4
6405.0	10:14	3.65	54	57	.00	2.58	18	8	1038	.0	3
6410.0	10:17	3.65	54	57	.00	2.58	18	8	1043	.0	5
6440.0	10:18	4.20	54	57	.00	2.57	18	8	1045	.0	1
6445.0	10:27	4.16	54	57	.00	2.55	18	8	1045	.0	2
6450.0	10:34	3.94	55	57	.00	2.56	18	8	1039	.0	3
6455.0	10:35	3.24	55	57	.00	2.58	18	8	1025	.0	3
6460.0	10:49	3.17	55	57	.00	2.58	18	8	1025	.0	1
2985											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
2985											
6490.0	10:57	3.36	54	57	.00	2.42	18	8	1034	.0	1
6495.0	10:59	3.01	54	57	.00	2.47	18	8	1028	.0	2
6500.0	11: 0	3.07	54	57	.00	2.49	18	8	1028	.0	4
6505.0	11: 2	3.07	54	57	.00	2.48	18	8	1029	.0	3
6510.0	11: 3	3.09	54	57	.00	2.50	18	8	1031	.0	4
6515.0	11: 5	3.27	54	57	.00	2.50	18	8	1031	.0	3
6525.0	11:14	3.26	55	57	.00	2.49	18	8	1031	.0	6
6530.0	11:17	3.72	54	57	.00	2.50	18	8	1031	.0	5
6535.0	11:24	4.08	54	57	.00	2.46	18	8	1030	.0	5
6540.0	11:33	4.23	55	57	.00	2.42	18	8	1024	.0	5
3023											
6545.0	11:45	4.35	55	57	.00	2.44	18	8	1030	.0	5
6550.0	12: 4	4.59	56	57	.00	2.31	18	8	1034	.0	5
6555.0	12:13	4.17	55	58	.00	2.19	18	8	1033	.0	4
6560.0	12:49	3.27	55	57	.00	2.16	18	8	999	.0	5
6565.0	12:51	3.61	56	58	.00	2.15	18	8	957	.0	4
6570.0	12:52	3.58	56	58	.00	2.25	18	8	1044	.0	5
6575.0	12:54	3.51	56	58	.00	2.35	18	8	1044	.0	4
6580.0	12:55	3.36	56	58	.00	2.35	18	8	1042	.0	1
6585.0	13:13	4.48	56	58	.00	2.28	18	8	1033	.0	5
6587.0	13:26	5.02	55	58	.00	2.33	18	8	1054	.0	2
NEW BIT ID: 6											
3067											
6610.0	23:18	3.67	51	51	.00	1.64	18	8	1001	.0	1
6615.0	23:19	3.53	51	51	.00	1.32	18	8	1004	.0	1
6620.0	23:19	3.64	51	51	.00	1.31	18	8	1004	.0	1
6625.0	23:20	3.54	51	51	.00	1.31	18	8	1004	.0	2
6630.0	23:21	3.42	51	51	.00	1.33	18	8	1037	.0	2
6635.0	23:23	3.34	51	51	.00	1.37	18	8	1046	.0	1
6640.0	23:24	3.42	51	51	.00	1.38	18	8	1046	.0	2
6645.0	23:31	4.11	52	51	.00	1.38	18	8	1044	.0	5
6650.0	23:45	4.09	52	51	.00	1.35	18	8	1037	.0	4
6655.0	23:52	4.00	49	52	.00	1.35	18	8	1035	.0	5
3091											
6660.0	23:56	3.82	50	52	.00	1.37	18	8	1038	.0	5
6665.0	0: 0	3.85	50	52	.00	1.37	18	8	1041	.0	5
6670.0	0: 2	3.69	51	52	.00	1.36	18	8	1042	.0	3
6675.0	0: 5	3.67	51	52	.00	1.37	18	8	1038	.0	4
6680.0	0: 7	3.48	51	52	.00	1.40	18	8	1040	.0	5
6685.0	0:16	3.53	51	52	.00	1.41	18	8	1027	.0	4
6690.0	0:17	3.47	51	52	.00	1.41	18	8	1027	.0	3
6695.0	0:19	3.42	51	52	.00	1.40	18	8	1025	.0	2
6700.0	0:21	3.61	51	52	.00	1.39	18	8	1025	.0	5
6705.0	0:23	3.54	51	52	.00	1.38	18	8	1032	.0	4
3131											
6710.0	0:25	3.51	51	52	.00	1.39	18	8	1028	.0	3
6715.0	0:33	2.96	51	52	.00	1.40	18	8	1033	.0	2
6720.0	0:38	3.82	51	52	.00	1.40	18	8	1037	.0	5
6725.0	0:48	4.24	52	52	.00	1.46	22	10	1009	.0	5
6730.0	0:51	3.70	53	54	.00	1.55	23	11	997	.0	5
6735.0	0:54	3.64	53	54	.00	1.57	23	11	1000	.0	5
6740.0	0:59	3.90	53	54	.00	1.60	23	11	1000	.0	4

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
3160											
6745.0	1:13	4.00	52	53	.00	1.60	23	11	999	.0	5
6750.0	1:22	4.24	51	53	.00	1.54	23	11	1003	.0	5
6755.0	1:29	4.11	51	53	.00	1.54	23	11	1002	.0	5
6760.0	1:42	4.46	50	54	.00	1.48	23	11	1004	.0	5
6765.0	1:51	4.01	51	54	.00	1.46	23	11	1010	.0	5
6770.0	1:57	4.03	51	55	.00	1.41	23	11	1010	.0	5
6775.0	2:11	4.12	51	55	.00	1.41	23	11	1009	.0	5
6780.0	2:13	3.66	50	54	.00	1.42	23	11	998	.0	5
6785.0	2:15	3.57	50	55	.00	1.43	23	11	997	.0	3
6790.0	2:17	3.46	51	55	.00	1.41	23	11	998	.0	4
3207											
6795.0	2:19	3.61	51	54	.00	1.40	23	11	1003	.0	4
6800.0	2:21	3.47	51	54	.00	1.41	23	11	1003	.0	3
6805.0	2:29	3.66	51	54	.00	1.41	23	11	1001	.0	4
6810.0	2:32	3.59	50	53	.00	1.43	23	11	996	.0	4
6815.0	2:37	3.90	50	54	.00	1.52	23	11	999	.0	5
6820.0	2:44	4.13	50	54	.00	1.79	23	11	999	.0	5
6825.0	2:49	4.05	50	54	.00	1.97	23	11	1002	.0	5
6830.0	2:52	3.65	50	54	.00	2.06	23	11	1003	.0	4
6840.0	3: 2	3.59	50	54	.00	2.06	23	11	1009	.0	5
6845.0	3: 5	3.78	50	53	.00	2.03	23	11	1013	.0	5
3251											
6850.0	3:10	4.06	50	54	.00	2.01	23	11	1008	.0	5
6855.0	3:16	4.09	50	54	.00	1.96	23	11	1008	.0	5
6860.0	3:23	4.12	51	54	.00	1.94	23	11	1008	.0	5
6865.0	3:28	3.96	51	54	.00	1.93	23	11	1004	.0	5
6870.0	3:40	3.71	51	54	.00	1.94	23	11	1001	.0	3
6875.0	3:53	4.29	50	55	.00	1.93	23	11	1001	.0	5
6880.0	3:59	4.02	50	55	.00	1.83	23	11	1010	.0	5
6885.0	4: 2	3.87	50	55	.00	1.74	23	11	1012	.0	5
6890.0	4:10	4.04	51	55	.00	1.71	23	11	1013	.0	5
6895.0	4:21	3.76	51	55	.00	1.67	23	11	1017	.0	5
3299											
6900.0	4:25	4.00	50	54	.00	1.58	23	11	1018	.0	4
6905.0	4:39	4.35	51	55	.00	1.54	23	11	1020	.0	5
6910.0	5:18	4.80	51	53	.00	1.52	23	11	998	.0	5
6915.0	5:34	4.37	51	55	.00	1.35	23	11	992	.0	5
6920.0	5:46	4.26	51	56	.00	1.31	23	11	990	.0	5
6935.0	6: 5	4.17	51	56	.00	1.42	23	11	1005	.0	7
6940.0	6:12	4.23	51	56	.00	1.45	23	11	1015	.0	5
6945.0	6:17	3.95	51	56	.00	1.46	23	11	1015	.0	5
6950.0	6:20	3.82	51	56	.00	1.45	23	11	1010	.0	5
6965.0	6:30	3.81	50	55	.00	1.48	23	11	978	.0	6
3351											
6970.0	6:34	3.87	50	55	.00	1.52	23	11	1003	.0	4
6975.0	6:56	4.50	50	55	.00	1.49	23	11	1008	.0	5
6980.0	7: 1	4.01	51	54	.00	1.43	23	11	1008	.0	4
6985.0	7: 4	3.64	51	54	.00	1.43	23	11	1008	.0	4
6990.0	7: 9	3.84	51	54	.00	1.43	21	11	1002	.0	5
6995.0	7:21	3.15	51	55	.00	1.41	20	11	1001	.0	1
7000.0	7:25	3.87	51	55	.00	1.42	20	11	999	.0	4
7005.0	7:30	4.03	52	54	.00	1.42	20	11	996	.0	5
7010.0	7:35	3.94	52	55	.00	1.43	20	11	994	.0	5
7015.0	7:40	4.04	52	55	.00	1.44	20	11	991	.0	5
3393											

DEPTH	TIME	RS	MTI	MTD	MRI	MRD	YPM	PVM	MVI	MDOV	RECDS
3393											
7020.0	7:49	4.32	52	56	.00	1.44	20	11	994	.0	5
7025.0	8: 1	4.35	52	56	.00	1.49	20	11	1004	.0	4
7030.0	8:10	4.23	52	56	.00	1.48	20	11	998	.0	5
7035.0	8:21	4.37	52	56	.00	1.47	20	11	1001	.0	5
7040.0	8:34	4.48	52	55	.00	1.47	20	11	1004	.0	5
7045.0	8:56	4.64	52	56	.00	1.50	20	11	1008	.0	5
7050.0	9: 6	4.24	52	55	.00	1.52	20	11	1017	.0	5
7055.0	9:16	4.37	52	55	.00	1.50	20	11	1019	.0	5
7060.0	9:28	4.24	52	55	.00	1.48	20	11	1010	.0	3
7065.0	9:34	3.94	53	55	.00	1.50	20	11	1015	.0	4
3439											
7070.0	9:45	3.86	53	55	.00	1.51	20	11	1015	.0	4
7075.0	9:52	4.20	53	55	.00	1.52	20	11	1010	.0	5
7080.0	9:57	3.95	53	55	.00	1.54	20	11	1007	.0	5
7085.0	9:58	3.58	53	55	.00	1.53	20	11	1007	.0	4
7090.0	10: 8	3.61	53	55	.00	1.54	20	11	1010	.0	3
7095.0	10:12	3.99	53	55	.00	1.55	20	11	1015	.0	5
7100.0	10:18	4.12	53	55	.00	1.56	20	11	1008	.0	4
7105.0	10:33	4.57	53	55	.00	1.59	20	11	1008	.0	5
7107.0	10:55	5.09	54	55	.00	1.60	20	11	1008	.0	2
NEW BIT ID: 7											
7115.0	18:52	4.53	41	48	.00	1.88	16	10	919	.0	2
3482											
7120.0	19: 0	4.28	43	48	.00	2.08	16	10	999	.0	5
7125.0	19:20	4.11	46	50	.00	1.93	16	10	996	.0	5
7130.0	19:22	3.74	48	54	.00	1.87	16	10	999	.0	4
7135.0	19:27	4.21	48	54	.00	1.95	16	10	997	.0	3
7140.0	19:35	4.17	49	54	.00	1.95	16	10	996	.0	5
7145.0	19:40	3.87	49	55	.00	2.39	16	10	995	.0	5
7150.0	19:42	3.69	49	55	.00	2.88	16	10	994	.0	5
7155.0	19:57	3.76	49	56	.00	2.92	16	10	1001	.0	3
7160.0	19:59	3.77	49	56	.00	2.98	16	10	1004	.0	5
7165.0	20: 2	3.84	49	56	.00	2.94	16	10	1002	.0	3
3525											
7170.0	20: 4	3.79	49	56	.00	2.83	16	10	1002	.0	3
7175.0	20: 9	4.16	49	56	.00	2.80	16	10	1000	.0	5
7185.0	20:18	3.61	50	57	.00	2.87	16	10	995	.0	4
7190.0	20:20	3.62	50	57	.00	2.97	16	10	990	.0	4
7195.0	20:22	3.69	50	57	.00	2.95	16	10	1006	.0	3
7200.0	20:25	3.79	50	57	.00	2.93	16	10	1006	.0	4
7205.0	20:27	3.82	51	57	.00	2.99	16	10	1005	.0	4
7210.0	20:31	3.87	51	57	.00	2.98	16	10	995	.0	4
7215.0	20:40	3.56	51	57	.00	2.85	16	10	992	.0	1
7220.0	20:41	3.56	51	57	.00	2.89	16	10	1000	.0	4
3561											
7225.0	20:50	4.22	51	57	.00	2.97	16	10	993	.0	5
7230.0	21: 6	4.54	50	57	.00	3.18	16	10	979	.0	5
7235.0	21:17	3.99	50	57	.00	2.89	16	10	991	.0	5
7240.0	21:20	3.63	51	57	.00	2.93	16	10	995	.0	5
7250.0	21:41	3.99	51	57	.00	2.93	16	10	1000	.0	9
7255.0	22: 1	4.72	50	57	.00	3.14	3	9	925	.0	5
7260.0	22:12	4.55	50	57	.00	3.37	0	9	895	.0	5

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
3600											
7265.0	22:15	3.99	50	57	.00	3.49	0	9	896	.0	5
7270.0	22:19	4.06	50	57	.00	3.48	0	9	896	.0	5
7275.0	22:23	3.96	50	57	.00	3.22	0	9	526	.0	5
7280.0	22:31	3.79	49	57	.00	3.09	0	9	535	.0	2
7285.0	22:34	3.84	49	57	.00	3.14	0	9	534	.0	5
7290.0	22:36	3.78	48	57	.00	3.13	0	9	523	.0	4
7295.0	22:40	3.78	48	57	.00	3.09	0	9	620	.0	4
7300.0	22:43	3.85	48	57	.00	3.36	0	9	890	.0	3
7305.0	22:46	3.76	49	57	.00	3.24	0	9	890	.0	5
7310.0	22:55	3.66	49	57	.00	3.12	0	9	889	.0	5
3643											
7315.0	22:57	3.81	49	57	.00	3.09	0	9	874	.0	4
7320.0	22:59	3.72	50	57	.00	3.07	0	9	891	.0	4
7325.0	23: 1	3.47	50	57	.00	3.11	0	9	892	.0	5
7330.0	23: 3	3.32	50	57	.00	3.16	0	9	892	.0	2
7335.0	23: 7	3.72	50	57	.00	3.15	0	9	886	.0	5
7340.0	23:11	3.62	51	57	.00	3.11	0	9	889	.0	5
7345.0	23:22	3.90	50	57	.00	3.16	0	9	892	.0	5
7350.0	23:48	4.81	51	57	.00	3.30	0	9	882	.0	5
7355.0	0:18	4.72	51	57	.00	3.23	0	9	890	.0	5
7360.0	0:34	4.56	52	57	.00	3.15	16	9	1007	.0	5
3688											
7365.0	0:45	4.38	52	57	.00	3.06	16	9	1002	.0	5
7375.0	1: 1	4.02	52	57	.00	2.88	16	9	1007	.0	7
7380.0	1:10	4.19	52	57	.00	2.89	16	9	1018	.0	5
7385.0	1:27	4.61	53	58	.00	3.07	16	9	1015	.0	5
7390.0	1:36	4.19	53	58	.00	3.09	16	9	1005	.0	5
7395.0	1:41	3.95	52	58	.00	3.23	16	9	1004	.0	5
7400.0	1:48	4.15	52	58	.00	3.30	16	9	1004	.0	5
7405.0	2: 1	4.15	52	58	.00	3.31	16	9	1006	.0	4
7410.0	2:10	4.29	52	58	.00	3.28	16	9	1007	.0	5
7415.0	2:13	3.80	52	58	.00	3.19	16	9	1011	.0	5
3739											
7420.0	2:16	3.78	52	58	.00	3.09	16	9	1011	.0	4
7425.0	2:28	4.35	52	58	.00	3.06	16	9	1008	.0	5
7430.0	2:52	4.60	52	58	.00	2.99	16	9	991	.0	5
7435.0	3:41	4.98	53	58	.00	2.89	16	9	998	.0	5
NEW BIT ID: 8											
7440.0	12: 8	4.09	49	58	.00	2.68	12	10	964	.0	5
7445.0	12:14	3.81	51	61	.00	2.64	12	10	969	.0	5
7450.0	12:18	3.66	53	57	.00	2.93	12	10	967	.0	5
7455.0	12:21	3.64	53	58	.00	2.94	12	10	965	.0	5
7460.0	12:24	3.67	53	60	.00	2.84	12	10	965	.0	4
7465.0	12:28	3.73	54	61	.00	2.82	12	10	963	.0	5
3791											
7470.0	12:38	3.38	55	57	.00	2.75	12	10	954	.0	2
7475.0	12:41	3.67	55	56	.00	2.77	12	10	966	.0	5
7480.0	12:47	3.91	55	56	.00	2.83	12	10	966	.0	5
7485.0	12:52	3.73	55	56	.00	2.86	12	10	966	.0	5
7490.0	13: 1	3.99	55	57	.00	2.98	12	10	963	.0	5
7495.0	13: 8	3.81	55	57	.00	3.00	12	10	960	.0	5
7500.0	13:20	3.69	55	57	.00	2.96	12	10	956	.0	5
7505.0	13:22	3.44	55	57	.00	2.88	12	10	968	.0	3
7510.0	13:45	4.36	55	57	.00	2.92	12	10	961	.0	5
7515.0	13:57	4.08	55	57	.00	3.08	12	10	956	.0	5
3836											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
3836											
7520.0	14: 4	3.86	55	57	.00	3.09	14	10	956	.0	5
7525.0	14: 8	3.69	55	57	.00	3.15	16	10	965	.0	5
7530.0	14:13	3.79	55	57	.00	3.14	16	10	971	.0	5
7535.0	14:34	3.54	54	56	.00	3.03	16	10	864	.0	5
7540.0	14:39	3.85	54	56	.00	2.77	16	10	531	.0	5
7545.0	14:45	3.94	54	57	.00	2.71	16	10	534	.0	5
7550.0	15: 2	4.17	54	56	.00	2.91	16	10	738	.0	5
7555.0	15: 7	2.43	54	57	.00	3.23	16	10	960	.0	5
7560.0	15:22	4.07	55	58	.00	3.07	16	10	959	.0	5
7565.0	15:35	3.50	55	57	.00	2.89	17	10	948	.0	4
3885											
7570.0	16: 8	4.55	54	57	.00	2.96	17	10	963	.0	5
7575.0	16:43	4.37	55	58	.00	3.40	17	10	957	.0	5
7580.0	17: 0	4.31	55	58	.00	3.17	17	10	963	.0	5
7585.0	17:38	4.52	55	58	.00	3.36	17	10	972	.0	5
7595.0	18: 3	3.82	55	57	.00	3.48	17	10	971	.0	5
7600.0	18:14	4.07	54	57	.00	3.52	17	10	971	.0	5
7605.0	18:34	4.28	54	58	.00	3.41	17	10	964	.0	5
7610.0	19: 9	4.58	55	58	.00	3.46	17	10	965	.0	5
7615.0	19:32	4.45	55	58	.00	3.50	17	10	967	.0	5
7625.0	19:49	3.93	55	59	.00	3.36	17	10	950	.0	2
3932											
7630.0	20: 0	4.17	55	59	.00	3.19	17	10	946	.0	5
7635.0	20:13	4.07	56	58	.00	3.39	16	11	944	.0	5
7640.0	20:19	3.85	56	59	.00	3.52	16	11	943	.0	5
7645.0	20:25	3.77	57	59	.00	3.42	16	11	949	.0	5
7650.0	20:36	4.19	57	59	.00	3.37	16	11	953	.0	5
7660.0	21:19	4.36	57	59	.00	3.37	16	11	950	.0	7
7665.0	21:34	4.30	58	60	.00	3.42	16	11	949	.0	5
7670.0	21:41	4.01	58	60	.00	3.55	16	11	948	.0	5
7675.0	21:54	4.28	58	60	.00	3.40	16	11	948	.0	5
7680.0	22:11	4.33	58	60	.00	3.19	16	11	948	.0	5
3984											
7690.0	22:33	4.15	58	60	.00	3.30	16	11	928	.0	6
7695.0	22:46	4.20	57	60	.00	3.35	16	11	960	.0	5
7700.0	23: 1	4.23	57	61	.00	3.12	16	11	949	.0	5
7705.0	23:27	4.47	58	61	.00	3.14	16	11	947	.0	5
7710.0	23:49	4.27	57	60	.00	3.18	16	11	941	.0	5
7715.0	23:56	3.82	57	60	.00	2.98	16	11	836	.0	5
7720.0	0:13	3.91	57	60	.00	2.70	16	11	543	.0	2
7725.0	0:26	4.31	56	60	.00	2.73	16	11	553	.0	5
7730.0	0:38	4.31	56	59	.00	2.71	16	11	559	.0	5
7735.0	0:54	4.38	56	59	.00	2.69	16	11	570	.0	5
4032											
7740.0	1:13	4.48	56	59	.00	2.83	16	11	759	.0	5
7745.0	1:23	4.11	57	59	.00	2.96	16	11	947	.0	5
7750.0	1:38	4.40	57	59	.00	3.21	16	11	952	.0	5
7755.0	1:58	4.37	57	59	.00	3.25	16	11	952	.0	5
7760.0	2: 6	4.06	57	59	.00	3.22	16	11	945	.0	5
7765.0	2:15	4.18	57	59	.00	3.22	16	11	945	.0	4
7770.0	2:32	4.44	58	59	.00	3.30	16	11	945	.0	5
7775.0	2:46	4.31	59	60	.00	3.35	16	11	944	.0	5
7780.0	3: 7	4.28	59	60	.00	3.31	16	11	944	.0	5
7785.0	3:35	4.53	58	61	.00	3.14	16	11	951	.0	5
4081											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
4081											
7790.0	3:53	4.46	59	61	.00	2.93	16	11	948	.0	5
7795.0	4: 3	4.10	59	62	.00	2.69	16	11	949	.0	5
7800.0	4:12	4.17	59	61	.00	2.57	16	11	952	.0	5
7805.0	4:22	4.19	58	61	.00	2.65	14	10	959	.0	5
7810.0	4:36	4.33	59	61	.00	2.96	14	10	961	.0	5
7815.0	5: 2	4.49	59	61	.00	2.80	14	10	879	.0	4
7820.0	5:21	4.51	58	60	.00	2.51	14	10	560	.0	5
7825.0	5:38	4.47	58	59	.00	2.56	14	10	670	.0	5
7830.0	5:52	4.34	58	60	.00	2.56	14	10	927	.0	5
7835.0	6: 7	4.38	58	60	.00	2.40	14	10	559	.0	5
4130											
7840.0	6:23	4.41	58	60	.00	2.33	14	10	573	.0	5
7845.0	6:45	4.32	58	59	.00	2.24	14	10	572	.0	5
7850.0	6:57	4.22	57	59	.00	2.15	14	10	538	.0	5
7855.0	7: 9	4.19	58	59	.00	2.42	14	10	943	.0	5
7860.0	7:19	4.14	58	60	.00	2.41	14	10	944	.0	5
7865.0	7:28	4.02	58	60	.00	2.46	14	10	941	.0	5
7870.0	7:41	4.23	59	60	.00	2.45	14	10	939	.0	5
7875.0	8: 3	4.35	59	60	.00	2.60	14	10	942	.0	4
7880.0	8:22	4.36	59	60	.00	2.57	14	10	950	.0	5
7885.0	8:29	3.81	59	61	.00	2.63	14	10	936	.0	5
4179											
7890.0	8:36	3.94	59	61	.00	2.61	14	10	931	.0	5
7895.0	8:43	3.88	60	61	.00	2.54	14	10	927	.0	5
7900.0	8:48	3.84	60	61	.00	2.51	14	10	925	.0	5
7910.0	9: 1	3.90	60	61	.00	2.52	14	10	934	.0	6
7915.0	9: 8	3.85	60	61	.00	2.49	14	10	939	.0	5
7920.0	9:13	3.78	60	62	.00	2.55	14	10	935	.0	5
7925.0	9:19	3.86	60	62	.00	2.64	14	10	931	.0	5
7930.0	9:24	3.82	60	62	.00	2.57	14	10	930	.0	5
7935.0	9:30	3.82	60	62	.00	2.65	14	10	930	.0	5
7940.0	9:42	3.79	60	61	.00	2.64	14	10	929	.0	5
4230											
7945.0	9:47	3.74	60	62	.00	2.56	14	10	926	.0	5
7950.0	9:53	3.79	60	62	.00	2.51	14	10	922	.0	5
7955.0	10: 1	3.97	60	62	.00	2.43	14	10	921	.0	5
7960.0	10: 7	3.83	61	62	.00	2.36	14	10	922	.0	4
7965.0	10:12	3.83	61	62	.00	2.43	14	10	927	.0	5
7970.0	10:23	3.62	61	62	.00	2.34	14	10	927	.0	4
7975.0	10:36	4.10	60	62	.00	2.10	14	10	934	.0	5
7980.0	10:43	3.92	61	62	.00	2.04	14	10	931	.0	5
7985.0	10:50	3.89	61	62	.00	2.02	14	10	928	.0	5
7990.0	10:55	3.82	61	62	.00	2.02	14	10	931	.0	5
4278											
7995.0	11: 5	3.97	61	62	.00	2.02	14	10	932	.0	5
7996.0	11:10	5.18	61	62	.00	2.01	14	10	935	.0	1
NEW BIT ID: 9											
8000.0	4:11	3.74	48	55	.00	2.09	15	10	958	.0	2
8005.0	4:25	3.63	50	53	.00	2.13	15	10	962	.0	5
8010.0	4:44	4.36	52	55	.00	1.94	15	10	964	.0	5
8015.0	5: 3	4.36	55	56	.00	2.00	15	10	939	.0	5
8020.0	5:23	4.39	55	58	.00	2.02	15	10	951	.0	5

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
4310											
8025.0	5:44	4.44	57	58	.00	2.05	15	10	959	.0	5
8030.0	6: 1	4.35	57	58	.00	2.07	16	11	932	.0	5
8035.0	6:21	4.47	58	59	.00	2.59	17	13	921	.0	5
8040.0	6:50	4.42	58	60	.00	2.29	17	13	919	.0	5
8045.0	7: 0	4.05	58	60	.00	2.35	17	13	942	.0	5
8050.0	7:15	4.28	58	60	.00	2.84	17	13	951	.0	5
8055.0	7:23	4.06	58	60	.00	3.00	17	13	931	.0	5
8060.0	7:34	4.19	59	61	.00	2.96	17	13	922	.0	5
8065.0	7:49	4.33	59	61	.00	2.82	17	13	916	.0	5
8070.0	8:19	4.44	59	61	.00	2.74	17	13	934	.0	5
4360											
8075.0	8:37	4.43	59	61	.00	3.02	17	13	928	.0	5
8080.0	8:55	4.41	59	61	.00	3.00	17	13	924	.0	5
8085.0	9:15	4.41	60	62	.00	2.68	17	13	921	.0	5
8090.0	9:40	4.51	60	62	.00	2.32	17	13	748	.0	5
8095.0	9:59	4.25	60	61	.00	2.44	17	13	925	.0	5
8100.0	10:11	4.21	61	62	.00	2.40	17	13	919	.0	5
8105.0	10:34	4.45	61	62	.00	2.60	17	13	912	.0	5
8110.0	10:50	4.28	62	63	.00	2.37	17	13	909	.0	5
8115.0	11: 7	4.32	62	63	.00	2.31	17	13	910	.0	5
8120.0	11:18	4.16	63	64	.00	2.29	17	13	919	.0	5
4410											
8130.0	11:36	3.89	63	63	.00	2.39	17	13	930	.0	8
8135.0	11:50	3.85	62	63	.00	2.60	17	13	905	.0	5
8140.0	12: 1	4.06	62	64	.00	2.60	17	13	899	.0	5
8145.0	12:10	3.94	62	64	.00	2.44	17	13	905	.0	5
8150.0	12:20	3.98	31	65	.00	2.30	18	13	909	.0	5
8155.0	12:29	3.93	30	64	.00	2.27	23	13	915	.0	5
8160.0	12:44	3.59	29	63	.00	2.21	23	13	893	.0	1
8165.0	12:50	3.74	29	63	.00	2.22	23	13	910	.0	5
8170.0	13: 1	4.00	29	64	.00	2.19	23	13	927	.0	5
8175.0	13:10	3.88	29	64	.00	2.08	23	13	926	.0	5
4459											
8180.0	13:17	3.85	29	64	.00	2.10	23	13	922	.0	5
8185.0	13:24	3.78	27	64	.00	2.08	23	13	921	.0	5
8190.0	13:32	3.82	27	65	.00	2.04	23	13	921	.0	5
8195.0	13:55	4.11	46	64	.00	1.95	23	13	909	.0	5
8200.0	14:18	4.37	62	65	.00	1.97	23	13	909	.0	5
8205.0	14:43	4.46	62	65	.00	1.91	23	13	909	.0	5
8210.0	15: 9	4.45	63	66	.00	1.85	23	13	905	.0	5
8215.0	15:27	4.21	65	66	.00	1.91	23	13	902	.0	5
8220.0	15:39	4.13	65	66	.00	1.84	23	13	903	.0	5
8225.0	16:27	4.50	65	64	.00	1.85	23	13	903	.0	6
4510											
8230.0	16:46	4.32	64	66	.00	1.75	23	13	913	.0	5
8235.0	17: 0	4.09	65	67	.00	1.76	23	13	902	.0	5
8240.0	17:11	3.99	65	67	.00	1.70	23	13	912	.0	5
8245.0	17:17	3.75	65	67	.00	1.72	23	13	910	.0	5
8250.0	17:28	3.97	64	67	.00	1.81	23	13	906	.0	5
8255.0	17:51	3.98	64	67	.00	1.80	23	13	899	.0	5
8260.0	18:13	4.35	63	66	.00	1.72	23	13	903	.0	5
8265.0	18:38	4.37	63	67	.00	1.74	23	13	911	.0	5
8270.0	18:55	4.14	64	67	.00	1.76	23	13	906	.0	5
8275.0	19: 9	4.06	65	67	.00	1.69	23	13	898	.0	5
4560											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
4560											
8280.0	19:24	4.13	64	67	.00	1.66	23	13	898	.0	5
8285.0	19:56	4.41	64	67	.00	1.69	23	13	898	.0	5
8290.0	20:21	3.90	64	67	.00	1.71	23	13	910	.0	5
8295.0	20:37	4.20	64	67	.00	1.77	23	13	912	.0	5
8300.0	20:57	4.27	64	67	.00	1.75	23	13	895	.0	5
8305.0	21:25	4.43	64	67	.00	1.72	23	13	887	.0	5
8310.0	21:45	4.22	64	66	.00	1.85	18	11	887	.0	5
8320.0	22: 9	4.10	62	65	.00	1.95	18	11	924	.0	6
8325.0	22:14	3.69	62	63	.00	2.03	18	11	915	.0	5
8330.0	22:28	3.76	62	66	.00	2.04	18	11	915	.0	5
4611											
8335.0	22:50	4.30	63	66	.00	1.94	18	11	909	.0	5
8340.0	23:12	4.36	64	66	.00	1.98	18	11	903	.0	5
8345.0	23:36	4.19	64	66	.00	2.07	18	11	913	.0	5
8350.0	23:58	4.31	64	66	.00	1.80	18	11	904	.0	5
8355.0	0:17	4.24	64	66	.00	1.82	18	11	921	.0	5
8360.0	0:33	4.12	62	65	.00	2.12	18	11	925	.0	5
8365.0	1: 2	4.45	62	66	.00	1.99	18	11	914	.0	5
8370.0	1:27	4.36	63	65	.00	1.93	18	11	910	.0	5
8373.0	1:42	4.34	63	65	.00	1.90	18	11	905	.0	3
NEW BIT ID: 10											
8380.0	17:51	4.18	49	56	.00	1.66	18	11	913	.0	5
4663											
8385.0	18: 6	4.07	55	58	.00	2.00	18	11	904	.0	4
8390.0	18:15	3.79	56	59	.00	2.09	18	11	901	.0	5
8395.0	18:21	3.59	56	59	.00	1.99	18	11	895	.0	5
8400.0	18:33	3.62	56	60	.00	1.78	18	11	903	.0	5
8405.0	19:45	3.65	58	61	.00	1.81	18	11	911	.0	5
8410.0	19:52	3.75	59	62	.00	1.83	18	11	915	.0	5
8415.0	20:17	3.75	57	60	.00	1.71	18	11	911	.0	5
8420.0	20:24	3.76	58	61	-.36	1.72	18	11	915	.0	5
8425.0	20:30	3.75	59	61	.00	1.81	18	11	915	.0	5
8430.0	20:39	3.85	59	62	.00	1.76	18	11	912	.0	5
4712											
8435.0	20:48	3.91	60	62	.00	1.70	18	11	909	.0	5
8440.0	21: 4	4.00	60	62	.00	1.59	18	11	907	.0	5
8445.0	21:20	3.78	60	62	.00	1.56	18	11	904	.0	5
8450.0	21:43	4.33	60	62	.00	1.65	18	11	909	.0	5
8455.0	22: 1	4.23	61	63	.00	1.54	18	11	921	.0	5
8460.0	22:23	4.29	61	62	.00	1.60	18	11	917	.0	5
8465.0	22:44	4.29	61	63	.00	1.59	18	11	904	.0	5
8470.0	23:55	3.72	61	63	.00	1.54	18	11	902	.0	5
8475.0	0:52	3.77	63	64	.00	1.56	18	11	910	.0	4
8480.0	1:16	4.28	62	64	.00	1.45	18	11	913	.0	5
4761											
8485.0	1:25	3.91	62	64	.00	1.42	18	11	899	.0	5
8490.0	1:32	3.79	62	64	.00	1.41	18	11	918	.0	5
8505.0	1:48	3.90	62	64	.00	1.41	18	11	894	.0	4
8510.0	2: 0	3.92	61	63	.00	1.43	18	11	904	.0	5
8515.0	2:14	3.86	62	64	.00	1.44	18	11	907	.0	5
8520.0	2:42	4.28	62	64	.00	1.50	18	11	901	.0	5
8525.0	3:11	4.31	62	63	.00	1.50	18	11	888	.0	5

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
4795											
8530.0	3:42	4.34	62	63	.00	1.51	19	11	881	.0	5
8535.0	4:14	4.36	62	64	.00	1.66	20	11	899	.0	5
8540.0	4:48	4.20	60	62	.00	1.47	20	11	865	.0	5
8545.0	5:13	4.20	60	63	.00	1.53	20	11	904	.0	5
8550.0	5:37	4.19	61	63	.00	1.53	20	11	891	.0	5
8555.0	6: 2	4.18	61	63	.00	1.55	20	11	887	.0	5
8560.0	6:32	4.25	61	63	.00	1.51	20	11	897	.0	5
8565.0	6:55	4.07	61	63	.00	1.53	20	11	910	.0	5
8570.0	7: 7	3.83	60	63	.00	1.57	19	11	904	.0	5
8575.0	7:37	3.86	60	63	.00	1.56	17	11	895	.0	5
4845											
8580.0	8:46	3.85	60	63	.00	1.60	17	11	897	.0	5
8585.0	8:57	3.86	62	63	.00	1.60	17	11	896	.0	5
8590.0	9: 6	3.91	62	63	.00	1.60	17	11	895	.0	5
8595.0	9:22	4.16	61	63	.00	1.61	17	11	895	.0	5
8600.0	9:35	4.06	61	62	.00	1.52	17	11	895	.0	5
8605.0	10: 4	4.16	61	63	.00	1.54	17	11	873	.0	5
8610.0	10:27	4.13	60	62	.00	1.60	17	11	894	.0	5
8615.0	11: 2	4.26	61	63	.00	1.80	17	11	892	.0	5
8620.0	11:26	4.14	61	63	.00	2.03	17	11	887	.0	5
8625.0	11:51	4.10	61	63	.00	2.06	17	11	894	.0	5
4895											
8630.0	12: 7	3.97	62	63	.00	2.15	17	11	897	.0	5
8635.0	12:55	4.46	61	62	.00	2.69	17	11	885	.0	5
8640.0	13:22	4.35	62	64	.00	2.58	17	11	889	.0	5
8645.0	13:47	4.32	61	63	.00	2.48	17	11	888	.0	5
8650.0	14:12	4.28	61	64	.00	2.35	17	11	886	.0	5
8655.0	14:20	3.77	61	64	.00	2.32	17	11	891	.0	5
8660.0	15:54	4.09	61	65	.00	2.02	17	11	893	.0	5
8665.0	16: 7	3.91	62	64	.00	2.07	17	11	884	.0	5
8670.0	16:17	3.80	62	64	.00	2.13	17	11	881	.0	5
8675.0	16:24	3.66	62	64	.00	2.14	17	11	878	.0	5
4945											
8680.0	16:32	3.82	62	64	.00	2.07	17	11	875	.0	5
8685.0	16:41	3.79	63	64	.00	2.03	17	11	874	.0	5
8690.0	17: 0	3.72	63	64	.00	2.01	17	11	874	.0	4
8695.0	17:10	3.97	62	63	.00	2.04	17	11	882	.0	5
8700.0	17:37	4.45	62	64	.00	2.13	17	11	877	.0	5
8705.0	17:55	4.23	62	64	.00	2.34	17	11	872	.0	5
8710.0	18:16	4.30	63	65	.00	2.51	17	11	872	.0	5
8715.0	18:44	4.44	62	65	.00	2.37	17	10	878	.0	5
8720.0	18:56	4.14	63	65	.00	2.31	17	10	874	.0	5
8725.0	19:19	4.06	63	65	.00	2.35	17	10	876	.0	5
4994											
8730.0	19:34	4.13	63	65	.00	2.47	17	10	897	.0	5
8735.0	19:41	3.73	63	65	.00	2.48	17	10	896	.0	5
8740.0	19:55	3.97	62	65	.00	2.55	17	10	879	.0	5
8745.0	20:10	4.13	62	65	.00	2.59	17	10	905	.0	5
8750.0	20:31	4.26	63	65	.00	2.62	17	10	902	.0	5
8755.0	20:40	3.85	63	65	.00	2.50	17	10	901	.0	5
8760.0	20:54	3.67	63	65	.00	2.74	17	10	911	.0	5
8765.0	21: 5	3.95	62	66	.00	2.51	17	10	912	.0	5
8770.0	21:21	4.01	62	66	.00	2.60	17	10	912	.0	5
8775.0	21:32	3.97	62	66	.00	2.65	17	10	907	.0	5
5044											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
5044											
8780.0	21:56	4.30	62	65	.00	2.55	17	10	911	.0	5
8785.0	22:20	4.18	63	65	.00	2.66	17	10	910	.0	5
8790.0	22:42	4.36	62	65	.00	2.64	17	10	900	.0	5
8795.0	22:59	4.08	63	66	.00	2.54	17	10	896	.0	5
8800.0	0:12	3.65	64	66	.00	2.55	17	10	906	.0	5
8805.0	0:22	3.81	65	67	.00	2.25	17	10	909	.0	5
8810.0	0:29	3.63	64	67	.00	2.16	17	10	903	.0	5
8815.0	0:42	3.56	64	67	.00	2.11	17	10	902	.0	5
8820.0	0:51	3.77	64	67	.00	2.09	17	10	904	.0	4
8825.0	1:11	4.01	64	67	.00	2.11	17	10	906	.0	5
5093											
8830.0	1:23	3.85	60	67	.00	2.03	17	10	898	.0	5
8835.0	1:35	3.71	61	66	.00	2.05	17	10	899	.0	5
8840.0	1:40	3.43	61	66	.00	1.98	17	10	904	.0	5
8850.0	2: 3	3.65	61	66	.00	2.00	17	10	899	.0	4
8855.0	2:11	3.74	59	65	.00	2.02	17	10	901	.0	5
8860.0	2:19	3.78	60	65	.00	2.08	17	10	906	.0	5
8865.0	2:24	3.61	60	65	.00	2.23	17	10	906	.0	5
8870.0	2:31	3.67	60	65	.00	2.31	17	10	903	.0	5
8875.0	2:42	3.93	60	63	.00	2.26	17	10	904	.0	4
8885.0	2:57	3.65	60	61	.00	2.32	17	10	903	.0	4
5140											
8890.0	3: 6	3.61	60	63	.00	2.33	17	10	905	.0	5
8895.0	3:26	4.08	60	63	.00	2.31	17	10	902	.0	5
8900.0	3:51	4.18	60	63	.00	2.28	17	10	903	.0	5
8905.0	4: 6	3.92	58	63	.00	2.23	17	10	898	.0	5
8910.0	4:22	4.00	58	63	.00	2.25	17	10	897	.0	5
8925.0	5:23	3.94	59	63	.00	2.26	17	10	895	.0	8
8930.0	5:29	3.60	60	63	.00	2.22	17	10	897	.0	5
8935.0	5:52	4.18	60	63	.00	2.24	17	10	899	.0	5
8940.0	6:19	4.28	60	63	.00	2.16	17	10	898	.0	5

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
	64										
				NEW BIT ID:	11						
8945.0	17:48	3.79	48	56	.00	1.53	18	12	924	.0	2
8950.0	18:11	3.83	51	59	.00	1.42	18	12	867	.0	5
8955.0	18:31	4.01	55	60	.00	1.56	18	12	803	.0	5
8960.0	18:42	3.91	56	59	.00	1.45	18	12	801	.0	5
8965.0	18:54	3.98	57	60	.00	1.39	18	12	798	.0	5
8970.0	19: 2	3.86	58	61	.00	1.36	18	12	793	.0	5
8980.0	0: 8	3.78	58	61	.00	1.35	18	12	816	.0	4
8985.0	0:36	4.34	58	60	.00	1.35	18	12	848	.0	1
8990.0	1: 3	4.34	58	60	.00	1.35	18	12	848	.0	1
8995.0	1:39	4.54	57	60	.00	1.35	18	12	563	.0	1
	102										
9000.0	2:24	4.60	56	59	.00	1.35	18	12	632	.0	1
9005.0	3: 3	4.47	56	59	.00	1.35	18	12	557	.0	1
9010.0	3:21	4.01	55	57	.00	1.35	18	12	562	.0	1
9015.0	4: 4	4.46	55	57	.00	1.35	18	12	629	.0	1
9020.0	4:33	4.25	55	58	.00	1.35	18	12	869	.0	1
9025.0	4:46	3.87	55	58	.00	1.35	18	12	869	.0	1
9030.0	5:11	4.16	55	58	.00	1.35	18	12	869	.0	1
9035.0	5:15	3.41	55	58	.00	1.35	18	12	869	.0	1
9040.0	5:25	3.75	55	58	.00	1.35	18	12	869	.0	1
9045.0	5:52	4.24	55	58	.00	1.35	18	12	869	.0	1
	112										
9050.0	6:28	4.39	56	59	.00	1.35	18	12	869	.0	1
9055.0	6:58	4.33	56	59	.00	1.35	18	12	869	.0	1
9060.0	7:37	4.41	56	59	.00	1.35	18	12	869	.0	1
9065.0	7:46	3.69	56	59	.00	1.35	18	12	869	.0	1
9070.0	7:53	3.57	56	59	.00	1.35	18	12	863	.0	1
9075.0	8:24	4.27	56	59	.00	1.35	18	12	863	.0	1
9080.0	9: 3	4.38	56	59	.00	1.35	18	12	863	.0	1
9085.0	9:21	4.00	56	59	.00	1.35	18	12	863	.0	1
9090.0	9:44	4.15	56	59	.00	1.35	18	12	863	.0	1
9095.0	10:17	4.32	56	59	.00	1.35	18	12	863	.0	1
	122										
9100.0	10:56	4.37	59	61	.00	1.35	18	12	863	.0	1
9105.0	11:34	4.40	59	61	.00	1.35	18	12	863	.0	1
9110.0	11:49	4.02	59	61	.00	1.35	18	12	863	.0	1
9115.0	12:23	4.24	59	61	.00	1.35	18	12	863	.0	1
9120.0	12:55	4.20	59	61	.00	1.35	18	12	863	.0	1
9125.0	13:21	4.18	59	61	.00	1.35	18	12	863	.0	1
9130.0	13:51	4.25	59	61	.00	1.25	18	12	863	.0	1
9135.0	14:21	4.32	60	62	.00	1.25	18	12	863	.0	1
9140.0	14:37	4.01	60	62	.00	1.25	18	12	863	.0	1
9145.0	14:45	3.63	60	62	.00	1.25	18	12	863	.0	1
	132										
9150.0	14:53	3.66	61	63	.00	1.25	18	12	863	.0	1
9155.0	15: 1	3.68	61	63	.00	1.25	18	12	863	.0	1
9160.0	15: 7	3.50	61	63	.00	1.25	18	12	863	.0	1
9165.0	15:13	3.71	61	63	.00	1.25	18	12	863	.0	1
9170.0	15:19	3.69	61	63	.00	1.25	18	12	863	.0	1
9175.0	15:25	3.60	61	63	.00	1.25	18	12	859	.0	1
9180.0	15:54	4.36	63	64	.00	1.25	18	12	857	.0	1

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
139											
9185.0	16: 3	3.72	63	64	.00	1.25	18	12	857	.0	1
9190.0	16:12	3.72	63	64	.00	1.25	18	12	857	.0	1
9195.0	16:40	4.26	63	64	.00	1.25	18	12	857	.0	1
9200.0	17: 0	4.13	63	64	.00	1.25	18	12	852	.0	1
9205.0	17:26	4.21	63	64	.00	1.25	18	12	852	.0	1
9210.0	18: 1	4.36	63	65	.00	1.25	18	12	852	.0	1
9215.0	18:37	4.37	63	65	.00	1.17	18	12	852	.0	1
9220.0	19: 1	4.16	63	65	.00	1.17	18	12	852	.0	1
9225.0	19:11	3.68	63	65	.00	1.17	18	12	848	.0	1
9230.0	19:32	3.99	63	65	.00	1.17	18	12	848	.0	1
149											
9235.0	19:52	3.98	63	65	.00	1.17	18	12	848	.0	1
9240.0	20:24	4.27	65	66	.00	1.17	18	12	848	.0	1
9245.0	20:32	3.53	65	66	.00	1.17	18	12	848	.0	1
9250.0	20:38	3.37	65	66	.00	1.17	18	12	848	.0	1
9255.0	20:49	3.75	65	66	.00	1.17	18	12	848	.0	1
9260.0	21: 7	3.96	65	66	.00	1.17	18	12	848	.0	1
9265.0	21:44	4.29	65	66	.00	1.17	18	12	848	.0	1
9270.0	22: 5	4.04	65	66	.00	1.17	18	12	848	.0	1
9275.0	22:35	4.18	65	66	.00	1.17	18	12	848	.0	1
9280.0	23: 8	4.23	65	66	.00	1.17	18	12	848	.0	1
159											
9285.0	23:20	3.65	65	66	.00	1.17	18	12	848	.0	1
9290.0	23:33	3.65	65	66	.00	1.17	18	12	848	.0	1
9295.0	23:46	3.67	65	66	.00	1.17	18	12	848	.0	1
9300.0	0: 2	3.78	65	66	.00	1.17	18	12	848	.0	1
9305.0	0:15	3.61	63	65	.00	1.17	18	12	848	.0	1
9310.0	0:31	3.76	63	65	.00	1.17	18	12	848	.0	1
9315.0	0:56	3.96	63	65	.00	1.17	18	12	848	.0	1
9320.0	1:33	4.19	63	65	.00	1.17	18	12	848	.0	1
9325.0	1:56	4.00	63	65	.00	1.17	18	12	848	.0	1
NEW BIT ID: -1											
9330.0	23:22	4.24	53	53	.00	1.75	16	13	333	.0	5
177											
9335.0	0: 4	4.18	51	49	.00	1.66	16	13	480	.0	5
9340.0	0:50	4.12	48	47	.00	1.66	16	13	479	.0	4
9345.0	1:12	3.86	47	47	.00	1.65	16	13	469	.0	5
9350.0	2: 1	4.26	46	47	.00	1.66	16	13	480	.0	5
9355.0	2:13	3.79	45	47	.00	1.74	16	13	484	.0	4
9360.0	0:23	3.92	45	46	.00	1.35	16	13	482	.0	4
9365.0	0:33	3.51	45	46	.00	1.35	16	13	482	.0	5
9366.0	0:35	3.49	45	46	.00	1.35	16	13	482	.0	1
NEW BIT ID: 12											
9370.0	21:32	4.53	47	51	.00	1.41	16	13	860	.0	4
9375.0	22: 7	4.71	49	52	.00	1.38	16	13	864	.0	5
223											
9380.0	22:28	4.51	50	53	.00	1.38	16	13	864	.0	5
9385.0	23:16	4.85	51	53	.00	1.27	16	13	863	.0	5
9390.0	23:39	4.57	51	54	.00	1.20	16	13	863	.0	5
9395.0	0:11	4.55	52	54	.00	1.19	16	13	842	.0	5
9400.0	0:31	4.48	52	55	.00	1.17	16	13	846	.0	4
9405.0	0:50	4.46	52	55	.00	1.17	16	13	845	.0	5
9412.0	1:12	4.44	53	55	.00	1.18	16	13	844	.0	5
NEW BIT ID: 13											

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
261											
9415.0	23:57	4.22	31	42	.00	2.74	14	14	830	.0	3
9420.0	0:32	4.42	38	54	.00	2.82	14	14	845	.0	5
9425.0	1: 0	4.21	45	52	.00	3.12	14	14	838	.0	5
9430.0	1:11	3.84	46	52	.00	2.92	14	14	833	.0	5
9435.0	1:26	3.99	47	53	.00	2.87	14	14	830	.0	5
9450.0	2: 4	3.89	47	55	.00	2.75	14	14	841	.0	7
9455.0	2:16	3.85	48	56	.00	2.82	14	14	840	.0	5
9460.0	2:30	3.94	50	56	.00	2.85	14	14	813	.0	5
9465.0	2:42	3.88	51	55	.00	2.81	14	14	813	.0	5
9470.0	2:54	3.86	51	55	.00	2.90	14	14	821	.0	5
311											
9480.0	3:27	3.92	50	55	.00	2.83	14	14	829	.0	6
9485.0	3:40	3.90	49	56	.00	2.83	14	14	827	.0	5
9490.0	3:51	3.79	50	57	.00	2.77	14	14	828	.0	5
9495.0	4: 1	3.79	51	57	.00	2.71	14	14	849	.0	5
9500.0	4:18	4.01	52	58	.00	2.79	14	14	860	.0	5
9510.0	4:58	4.10	52	56	.00	2.97	14	14	624	.0	8
9515.0	5:25	4.09	51	55	.00	3.01	14	14	629	.0	5
9520.0	5:46	4.07	50	56	.00	3.15	14	14	611	.0	5
9525.0	6:35	4.22	50	58	.00	2.96	14	14	582	.0	5
9530.0	7:20	4.16	51	57	.00	2.71	14	14	547	.0	5
365											
9540.0	8:20	4.29	51	56	.00	2.76	14	14	736	.0	7
9545.0	8:52	4.16	52	58	.00	2.77	14	14	850	.0	5
9550.0	9:19	4.13	54	58	.00	2.78	14	14	839	.0	5
9555.0	9:40	4.04	54	59	.00	2.80	14	14	837	.0	5
9560.0	9:56	3.89	54	59	.00	2.88	14	14	836	.0	5
9563.0	10: 3	3.74	54	59	.00	3.02	14	14	836	.0	3
NEW BIT ID: -2											
9565.0	0: 5	4.01	53	58	.00	2.80	14	13	176	.0	1
9570.0	0:39	4.28	52	56	.00	2.80	14	13	216	.0	5
9575.0	1: 2	4.31	51	54	.00	2.80	14	13	225	.0	5
9580.0	1:19	4.09	50	53	.00	2.80	14	13	229	.0	5
415											
9585.0	1:47	4.41	49	51	.00	2.80	14	13	226	.0	5
9590.0	2: 2	4.01	49	51	.00	2.80	14	13	228	.0	5
9595.0	2:38	4.57	47	50	.00	2.80	14	13	232	.0	5
9600.0	3: 1	4.12	45	48	.00	2.80	14	13	227	.0	5
9605.0	3:27	4.13	44	49	.00	2.80	14	13	228	.0	5
9607.0	3:45	4.46	44	49	.00	2.80	14	13	226	.0	2
NEW BIT ID: 14											
9610.0	21:28	4.36	50	57	.00	2.82	14	13	802	.0	3
9615.0	21:37	4.02	51	57	.00	2.84	14	13	802	.0	5
9620.0	21:51	4.17	51	57	.00	2.85	14	13	801	.0	5
9625.0	22:33	4.66	52	57	.00	2.83	14	13	805	.0	5
464											
9630.0	23:17	4.72	53	59	.00	2.82	15	13	806	.0	4
9635.0	23:50	4.59	53	59	.00	2.77	15	13	806	.0	5
9640.0	0:16	4.41	54	59	.00	2.89	15	13	806	.0	5
9645.0	0:55	4.58	54	60	.00	2.90	15	13	807	.0	5

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV	RECDS
	483										
9650.0	1:27	4.50	55	60	.00	2.89	15	13	805	.0	5
9655.0	2:12	1.35	56	61	.00	2.88	15	13	805	.0	5
9665.0	3:25	4.58	56	61	.00	2.70	15	13	679	.0	6
9670.0	4:11	4.73	56	61	.00	2.80	15	13	794	.0	5
9675.0	4:38	4.42	56	61	.00	2.91	15	13	786	.0	5
9680.0	4:54	4.14	56	61	.00	2.87	15	13	785	.0	5
9685.0	5:51	4.78	56	61	.00	2.66	15	13	631	.0	5
9690.0	6:30	4.63	56	61	.00	2.77	15	13	794	.0	5
9695.0	6:38	3.86	56	62	.00	2.83	15	13	791	.0	5
9700.0	7:15	4.38	56	62	.00	2.85	15	13	798	.0	5
	534										
9705.0	7:26	3.96	56	62	.00	2.87	15	13	776	.0	5
9710.0	7:42	4.11	56	62	.00	2.74	15	13	776	.0	5
9715.0	7:57	4.11	57	62	.00	2.82	15	13	772	.0	5
9720.0	8: 9	4.01	57	62	.00	2.89	15	13	770	.0	5
9730.0	8:55	4.11	57	62	.00	2.96	15	13	772	.0	9
9735.0	9:12	4.09	56	63	.00	2.77	15	13	781	.0	5
9740.0	9:37	4.27	57	63	.00	2.77	15	13	782	.0	5
9745.0	9:49	3.96	57	62	.00	2.94	15	13	786	.0	5
9750.0	10:15	4.27	56	61	.00	3.30	15	13	785	.0	5
9755.0	10:38	4.19	56	62	.00	3.19	15	13	782	.0	5
	588										
9760.0	10:49	3.85	56	62	.00	3.14	15	13	787	.0	3
9765.0	11: 0	3.93	56	62	.00	3.12	15	13	782	.0	5
9770.0	11:14	3.95	56	62	.00	3.13	15	13	768	.0	5
9775.0	11:37	4.27	57	62	.00	3.05	15	13	769	.0	5
9780.0	12: 2	4.31	57	62	.00	3.07	15	13	770	.0	5
9785.0	12:26	4.26	57	62	.00	3.21	15	13	769	.0	5
9790.0	12:55	4.39	57	62	.00	3.19	15	13	768	.0	5
9795.0	13:26	4.21	57	63	.00	2.97	16	14	762	.0	5
9800.0	14:13	4.58	57	63	.00	3.19	16	14	771	.0	5
9805.0	14:46	4.42	57	63	.00	3.16	16	14	777	.0	5
	636										
9810.0	15:24	4.49	58	63	.00	3.03	16	14	774	.0	5
9815.0	15:44	4.18	58	63	.00	2.99	16	14	774	.0	5
9820.0	16:30	4.59	58	63	.00	2.95	16	14	770	.0	5
9825.0	17: 1	4.32	58	63	.00	3.04	16	14	777	.0	5
9830.0	17:46	4.53	58	63	.00	2.91	16	14	777	.0	5
9835.0	18:25	4.61	58	63	.00	2.93	16	14	776	.0	5
9840.0	18:39	4.15	58	62	.00	2.94	16	14	776	.0	5
9845.0	19: 6	4.42	58	62	.00	3.01	16	14	779	.0	5
9850.0	19:30	4.30	58	63	.00	2.97	16	14	780	.0	5
9855.0	19:56	4.40	57	62	.00	3.09	16	14	782	.0	5
	686										
9860.0	20:22	4.20	58	63	.00	2.85	16	14	783	.0	5
9865.0	20:37	4.06	58	63	.00	2.79	16	14	782	.0	5
9870.0	20:59	4.27	58	63	.00	2.92	16	14	777	.0	5
9875.0	21:31	4.46	57	62	.00	2.97	16	14	764	.0	5
9880.0	21:56	4.32	57	63	.00	2.87	16	14	760	.0	5
9885.0	22:35	4.42	58	63	.00	2.84	16	14	766	.0	5
9890.0	23: 4	4.32	58	63	.00	2.81	16	14	774	.0	5
9895.0	23:25	4.24	58	63	.00	2.96	16	14	778	.0	5
9900.0	23:52	4.27	58	62	.00	2.95	16	14	786	.0	5
9905.0	0:23	4.27	58	62	.00	2.95	16	14	789	.0	5
	736										

DEPTH	TIME	RS	MTI	MTO	MRI	MRO	YPM	PVM	MVI	MDOV RECDS	
	736										
9910.0	0:36	3.94	58	63	.00	2.94	16	14	791	.0	5
9920.0	1: 7	4.18	58	63	.00	2.82	16	14	787	.0	6
9925.0	1:24	4.22	58	63	.00	2.98	16	14	787	.0	5
9930.0	1:45	4.32	58	63	.00	3.00	16	14	785	.0	5
9935.0	2:13	4.46	58	63	.00	3.05	16	14	781	.0	5
9940.0	2:32	4.28	58	62	.00	3.07	16	14	781	.0	5
9945.0	2:57	4.40	58	63	.00	2.99	16	14	786	.0	5
9950.0	3:22	4.25	58	63	.00	2.82	16	14	797	.0	4
9955.0	3:58	4.52	58	64	.00	2.79	16	14	764	.0	5
9960.0	4:39	4.63	58	62	.00	2.73	16	14	657	.0	5
	786										
9965.0	5: 6	4.46	58	63	.00	2.75	16	14	803	.0	5
9970.0	5:30	4.38	58	63	.00	2.78	16	14	779	.0	5
9975.0	6: 8	4.61	59	64	.00	2.79	16	14	779	.0	5
9980.0	7: 7	4.59	59	64	.00	2.75	16	14	779	.0	5
9985.0	7:16	3.91	60	65	.00	2.47	16	14	766	.0	5
9990.0	7:44	4.29	60	65	.00	2.57	16	14	773	.0	5
9995.0	7:56	4.05	60	65	.00	2.64	16	14	783	.0	5
10000.0	8: 8	4.00	60	65	.00	2.67	16	14	775	.0	5
10005.0	8:31	4.25	60	64	.00	2.61	16	14	779	.0	5

DUMP C

DEPTH - Well depth in feet

STEP - Depth increment in feet

CHRS - Cumulative bit hours. The number of hours that the bit has actually been 'on bottom' as opposed to in the hole, recorded in decimal hours.

WOB - Weight on bit in thousands of pounds.

HKLDX - Maximum hookload. This is the total weight of the string. The value for maximum hookload picked up by the computer is the average value of the total weight of the string over a 5 second interval beginning after the rotary table has made five revolutions after the slips have been pulled. This value is then fixed in the computer memory until the next time the slips are set, when a new value is taken.

HKLD - Current hookload. This is the weight of the string when 'on bottom' i.e. whilst actually drilling. The difference between the maximum hookload is the computer calculated weight on bit.

BWOV - The weight on the bit setting. This is used in the event of a hookload sensor malfunction to enable the operator to inform the computer of the WOB in use.

SPM1 - Stroke rate/minute for pump number 1.

SPM2 - Stroke rate/minute for pump number 2.

PMPR - The pump pressure, psi.

PCSG - Casing pressure. This is the pressure exerted on the casing after the well has been shut in following a 'kick'.

HSP - Hydrostatic pressure. This is the pressure exerted by the column of mud in the hole, measured in psi.

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	64										
				NEW BIT ID:	2						
820.0	.0	.0	5	140	0	0	90.0	90.0	1170	0	369
830.0	10.0	.0	5	140	0	0	90.0	90.0	1158	0	377
840.0	10.0	.0	6	140	0	0	89.0	90.0	1180	0	384
860.0	20.0	.0	5	140	0	0	90.0	90.0	1200	0	399
880.0	20.0	.0	6	140	0	0	90.0	90.0	1240	0	416
900.0	20.0	.1	6	140	0	0	90.0	90.0	1200	0	433
910.0	10.0	.1	7	140	0	0	90.0	90.0	1200	0	441
920.0	10.0	.1	6	140	0	0	90.0	90.0	1200	0	448
930.0	10.0	.1	5	140	0	0	90.0	90.0	1200	0	456
950.0	20.0	.1	4	140	0	0	90.0	90.0	1200	0	471
	78										
970.0	20.0	.1	5	140	0	0	90.0	90.0	1200	0	486
980.0	10.0	.1	7	140	0	0	90.0	90.0	1200	0	493
1000.0	20.0	.1	7	140	0	0	90.0	90.0	1780	0	508
1010.0	10.0	.1	3	140	0	0	90.0	90.0	1780	0	517
1020.0	10.0	.2	6	140	0	0	90.0	90.0	1780	0	525
1030.0	10.0	.2	6	140	0	0	90.0	90.0	1780	0	534
1040.0	10.0	.2	4	140	0	0	90.0	90.0	1786	0	543
1060.0	20.0	.2	3	140	0	0	78.0	89.0	1800	0	604
1080.0	20.0	.2	3	140	0	0	89.0	90.0	1800	0	609
1090.0	10.0	.2	3	140	0	0	89.0	90.0	1800	0	610
	88										
1100.0	10.0	.3	3	140	0	0	89.0	90.0	1800	0	602
1110.0	10.0	.3	3	140	0	0	89.0	90.0	1800	0	600
1120.0	10.0	.3	5	140	0	0	89.0	90.0	1900	0	599
1130.0	10.0	.3	5	140	0	0	89.0	90.0	1900	0	594
1150.0	20.0	.3	7	140	0	0	89.0	90.0	1900	0	603
1160.0	10.0	.4	6	140	0	0	89.0	90.0	1900	0	584
1180.0	20.0	.4	6	140	0	0	89.0	90.0	1980	0	592
1200.0	20.0	.5	6	140	0	0	89.0	90.0	1980	0	593
1210.0	10.0	.5	6	140	0	0	89.0	90.0	1980	0	597
1220.0	10.0	.5	6	140	0	0	89.0	90.0	1980	0	601
	98										
1240.0	20.0	.6	6	140	0	0	89.0	90.0	1980	0	605
1250.0	10.0	.6	5	140	0	0	93.0	90.0	1870	0	605
1270.0	20.0	.7	5	140	0	0	93.0	90.0	1870	0	618
1280.0	10.0	.7	5	140	0	0	93.0	90.0	1870	0	624
1290.0	10.0	.8	5	140	0	0	93.0	90.0	1870	0	631
1300.0	10.0	.8	5	140	0	0	93.0	90.0	1870	0	639
1310.0	10.0	.8	7	140	0	0	93.0	90.0	1870	0	647
1330.0	20.0	.9	7	140	0	0	93.0	90.0	1870	0	662
1360.0	30.0	.9	7	140	0	0	93.0	90.0	1870	0	687
1370.0	10.0	.9	7	140	0	0	93.0	90.0	1870	0	690
	108										
1380.0	10.0	1.0	7	143	0	0	91.0	98.0	2020	0	697
1390.0	10.0	1.0	5	143	0	0	91.0	98.0	2204	0	689
1400.0	10.0	1.1	8	143	0	0	91.0	98.0	2204	0	689
1420.0	20.0	1.1	8	143	0	0	91.0	98.0	2204	0	695
1440.0	20.0	1.2	9	143	0	0	93.0	94.0	2320	0	705
1450.0	10.0	1.2	9	143	0	0	93.0	94.0	2320	0	713
1460.0	10.0	1.2	10	143	0	0	93.0	94.0	2320	0	720

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	115										
1480.0	20.0	1.2	11	143	0	0	93.0	94.0	2320	0	731
1490.0	10.0	1.2	11	143	0	0	93.0	94.0	2320	0	738
1500.0	10.0	1.3	12	143	0	0	93.0	94.0	2320	0	738
1520.0	20.0	1.4	12	143	0	0	93.0	94.0	2320	0	741
1550.0	30.0	1.4	11	143	0	0	89.0	95.0	2320	0	758
1560.0	10.0	1.5	11	143	0	0	89.0	97.0	2430	0	760
1580.0	20.0	1.5	13	143	0	0	91.0	95.0	2440	0	774
1600.0	20.0	1.6	13	143	0	0	91.0	95.0	2440	0	787
1610.0	10.0	1.6	13	143	0	0	91.0	95.0	2440	0	790
1615.0	5.0	1.6	2	143	141	0	87.4	51.8	2412	0	753
	126										
1660.0	45.0	1.7	7	145	138	0	90.5	34.0	2488	0	783
1665.0	5.0	1.7	9	145	136	0	92.2	17.5	2519	0	788
1670.0	5.0	1.7	10	145	135	0	92.0	19.6	2524	0	792
1675.0	5.0	1.7	9	145	136	0	91.8	31.3	2523	0	796
1680.0	5.0	1.7	7	145	138	0	91.8	41.3	2533	0	800
1715.0	35.0	1.7	8	161	140	0	91.9	31.8	2517	0	808
1720.0	5.0	1.8	19	161	142	0	86.0	98.8	2386	0	811
1725.0	5.0	1.8	18	161	143	0	86.5	100.2	2415	0	814
1730.0	5.0	1.8	15	161	146	0	86.5	101.1	2426	0	816
1735.0	5.0	1.8	17	161	144	0	86.4	80.2	2422	0	818
	142										
1740.0	5.0	1.9	15	161	146	0	86.7	55.4	2426	0	819
1745.0	5.0	1.9	17	161	144	0	86.1	67.1	2445	0	813
1750.0	5.0	2.0	20	161	141	0	84.6	104.1	2502	0	814
1755.0	5.0	2.0	19	161	142	0	85.4	95.5	2507	0	815
1760.0	5.0	2.0	22	161	139	0	85.2	104.2	2509	0	820
1765.0	5.0	2.0	15	161	146	0	85.0	104.2	2510	0	821
1770.0	5.0	2.1	20	161	141	0	84.9	104.6	2503	0	825
1775.0	5.0	2.1	22	161	139	0	81.5	104.0	2401	0	827
1780.0	5.0	2.1	21	161	140	0	80.1	106.3	2432	0	823
1790.0	10.0	2.2	21	161	140	0	82.2	106.0	2457	0	827
	169										
1795.0	5.0	2.2	18	161	143	0	83.4	102.9	2462	0	830
1800.0	5.0	2.2	17	161	144	0	83.8	102.4	2462	0	833
1805.0	5.0	2.3	15	161	146	0	84.1	103.3	2463	0	838
1810.0	5.0	2.3	15	161	146	0	83.9	102.5	2461	0	842
1820.0	10.0	2.3	10	161	151	0	84.1	102.0	2502	0	848
1825.0	5.0	2.4	20	161	141	0	83.3	111.5	2675	0	851
1830.0	5.0	2.4	23	161	138	0	83.2	111.6	2679	0	855
1835.0	5.0	2.4	19	161	142	0	83.7	111.5	2689	0	859
1840.0	5.0	2.4	12	161	149	0	87.0	108.2	2258	0	861
1850.0	10.0	2.5	14	161	147	0	84.1	111.0	2682	0	861
	193										
1855.0	5.0	2.5	20	161	141	0	83.5	108.3	2591	0	867
1860.0	5.0	2.5	14	161	147	0	83.0	108.0	2593	0	869
1865.0	5.0	2.6	24	161	137	0	83.4	108.4	2592	0	871
1870.0	5.0	2.6	16	161	145	0	82.0	108.0	2588	0	872
1880.0	10.0	2.6	13	161	148	0	82.9	107.2	2575	0	873
1890.0	10.0	2.7	18	161	143	0	83.1	105.4	2502	0	885
1900.0	10.0	2.7	13	161	148	0	82.6	104.4	2492	0	890
1910.0	10.0	2.7	15	167	151	0	83.3	104.3	2497	0	892
1915.0	5.0	2.8	33	174	141	0	79.9	102.0	2368	0	896
1920.0	5.0	2.8	30	174	144	0	80.2	78.5	2368	0	898
	217										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	217										
1925.0	5.0	2.8	34	174	140	0	80.3	80.2	2366	0	900
1930.0	5.0	2.9	28	174	146	0	80.2	103.8	2368	0	900
1935.0	5.0	2.9	26	167	144	0	81.3	89.1	2378	0	899
1940.0	5.0	2.9	19	160	141	0	88.4	48.1	2435	0	904
1945.0	5.0	2.9	19	160	141	0	93.8	18.9	2451	0	910
1950.0	5.0	3.0	21	160	139	0	93.0	15.5	2450	0	916
1955.0	5.0	3.0	17	160	143	0	93.6	17.1	2451	0	919
1960.0	5.0	3.0	16	160	144	0	94.1	32.4	2445	0	921
2000.0	40.0	3.0	11	160	149	0	93.9	4.7	2439	0	931
2005.0	5.0	3.1	23	160	137	0	88.0	97.2	2386	0	957
	237										
2010.0	5.0	3.1	19	160	141	0	88.0	96.5	2389	0	961
2015.0	5.0	3.1	17	160	143	0	88.1	96.7	2392	0	965
2020.0	5.0	3.2	21	170	147	0	87.7	96.1	2393	0	969
2025.0	5.0	3.2	24	170	146	0	87.5	96.4	2388	0	972
2030.0	5.0	3.2	24	170	146	0	88.9	95.5	2392	0	969
2035.0	5.0	3.2	27	170	143	0	92.3	92.5	2423	0	972
2040.0	5.0	3.2	26	170	144	0	92.0	92.2	2429	0	976
2050.0	10.0	3.2	27	170	143	0	93.0	92.8	2436	0	984
2055.0	5.0	3.3	22	170	148	0	92.9	92.7	2445	0	988
2060.0	5.0	3.3	20	170	150	0	93.1	92.1	2453	0	986
	252										
2065.0	5.0	3.4	20	170	150	0	93.2	92.1	2436	0	983
2070.0	5.0	3.4	24	170	146	0	92.2	92.1	2435	0	988
2075.0	5.0	3.4	23	170	147	0	92.4	92.1	2440	0	993
2080.0	5.0	3.4	20	170	150	0	93.0	92.2	2446	0	996
2085.0	5.0	3.4	21	170	149	0	93.1	92.1	2436	0	996
2090.0	5.0	3.5	18	170	152	0	92.6	92.1	2437	0	994
2095.0	5.0	3.5	19	171	152	0	93.2	91.2	2420	0	996
2100.0	5.0	3.6	23	171	148	0	93.8	91.1	2426	0	1001
2105.0	5.0	3.6	22	171	149	0	93.8	90.6	2425	0	1005
2110.0	5.0	3.6	22	171	149	0	93.2	91.3	2426	0	1010
	276										
2115.0	5.0	3.6	26	171	145	0	93.9	90.7	2426	0	1012
2125.0	10.0	3.7	24	171	147	0	93.9	90.4	2422	0	1012
2130.0	5.0	3.7	16	158	146	0	92.8	91.7	2377	0	1014
2135.0	5.0	3.7	9	158	149	0	92.4	91.4	2387	0	1019
2140.0	5.0	3.7	10	158	148	0	92.6	91.0	2394	0	1023
2145.0	5.0	3.8	14	158	144	0	92.1	91.7	2392	0	1023
2150.0	5.0	3.8	20	158	138	0	92.0	91.9	2394	0	1027
2155.0	5.0	3.8	16	157	141	0	91.2	91.3	2375	0	1025
2160.0	5.0	3.8	14	157	143	0	89.1	92.0	2367	0	1029
2170.0	10.0	3.9	8	157	149	0	89.5	91.8	2370	0	1034
	302										
2175.0	5.0	3.9	9	158	149	0	89.4	92.3	2377	0	1041
2180.0	5.0	3.9	12	158	146	0	90.2	92.5	2380	0	1045
2190.0	10.0	3.9	6	158	152	0	90.3	92.0	2373	0	1045
2195.0	5.0	4.0	17	168	151	0	90.4	93.2	2412	0	1047
2200.0	5.0	4.0	20	168	148	0	90.3	93.2	2423	0	1052
2205.0	5.0	4.1	20	168	148	0	90.5	93.4	2421	0	1057
2210.0	5.0	4.1	22	168	146	0	90.0	93.2	2421	0	1059
2215.0	5.0	4.1	22	168	146	0	90.8	93.7	2422	0	1062
2220.0	5.0	4.1	17	168	151	0	90.6	93.0	2426	0	1060
2225.0	5.0	4.2	21	168	147	0	91.6	92.4	2430	0	1061
	323										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	323										
2230.0	5.0	4.2	22	168	146	0	91.5	92.5	2435	0	1064
2235.0	5.0	4.2	16	168	152	0	91.7	92.4	2430	0	1069
2240.0	5.0	4.2	22	168	146	0	91.8	92.0	2438	0	1074
2245.0	5.0	4.2	18	168	150	0	91.9	91.6	2431	0	1078
2255.0	10.0	4.2	16	168	152	0	92.4	91.6	2441	0	1075
2260.0	5.0	4.3	19	168	149	0	96.0	87.1	2419	0	1075
2265.0	5.0	4.3	21	168	147	0	95.6	87.1	2416	0	1081
2270.0	5.0	4.3	19	168	149	0	95.9	87.1	2417	0	1086
2275.0	5.0	4.3	19	168	149	0	96.0	86.8	2424	0	1090
2280.0	5.0	4.4	19	168	149	0	95.8	86.9	2421	0	1091
	341										
2285.0	5.0	4.4	17	168	151	0	92.1	85.7	2311	0	1084
2290.0	5.0	4.4	18	168	150	0	92.2	96.9	2318	0	1087
2295.0	5.0	4.4	22	168	146	0	92.7	114.0	2332	0	1093
2300.0	5.0	4.5	23	168	145	0	92.3	89.7	2376	0	1099
2305.0	5.0	4.5	22	168	146	0	91.7	88.9	2378	0	1102
2325.0	20.0	4.5	19	167	148	0	92.1	88.8	2401	0	1104
2330.0	5.0	4.6	19	166	147	0	93.2	91.0	2481	0	1114
2335.0	5.0	4.6	22	166	144	0	93.2	91.5	2477	0	1119
2340.0	5.0	4.6	16	166	150	0	93.2	91.6	2481	0	1123
2345.0	5.0	4.7	11	167	155	0	92.9	91.1	2459	0	1121
	365										
2350.0	5.0	4.7	21	168	147	0	89.9	90.8	2386	0	1119
2355.0	5.0	4.7	23	168	145	0	90.4	91.2	2394	0	1122
2360.0	5.0	4.7	20	168	148	0	90.4	91.7	2404	0	1125
2365.0	5.0	4.8	22	168	146	0	90.3	91.4	2406	0	1129
2370.0	5.0	4.8	22	168	146	0	90.3	91.7	2399	0	1132
2380.0	10.0	4.8	16	168	152	0	90.8	91.8	2402	0	1133
2385.0	5.0	4.8	24	168	144	0	88.4	92.8	2401	0	1137
2390.0	5.0	4.9	24	168	144	0	88.6	93.0	2405	0	1140
2395.0	5.0	4.9	27	168	141	0	87.9	92.9	2402	0	1144
2400.0	5.0	4.9	27	168	140	0	88.6	93.1	2410	0	1149
	391										
2410.0	10.0	5.0	26	168	142	0	90.9	93.2	2446	0	1147
2415.0	5.0	5.0	24	168	144	0	91.8	92.0	2467	0	1149
2420.0	5.0	5.0	27	168	141	0	92.3	91.9	2467	0	1154
2425.0	5.0	5.0	22	168	146	0	92.6	91.6	2471	0	1157
2430.0	5.0	5.1	27	168	141	0	92.2	92.0	2481	0	1163
2435.0	5.0	5.1	26	168	142	0	92.9	92.0	2489	0	1167
2465.0	30.0	5.1	24	168	144	0	92.2	91.8	2495	0	1173
2470.0	5.0	5.3	17	168	151	0	89.4	93.3	2429	0	1177
2475.0	5.0	5.3	22	168	146	0	91.2	93.0	2449	0	1173
2480.0	5.0	5.4	24	168	144	0	90.6	92.5	2459	0	1174
	421										
2485.0	5.0	5.4	25	166	141	0	90.8	93.4	2456	0	1177
2490.0	5.0	5.4	27	166	139	0	91.5	93.0	2453	0	1179
2495.0	5.0	5.5	26	166	140	0	91.2	92.6	2457	0	1181
2505.0	10.0	5.5	28	166	138	0	88.8	93.0	2414	0	1186
2510.0	5.0	5.6	29	166	137	0	86.4	93.9	2369	0	1191
2515.0	5.0	5.6	29	166	137	0	86.3	93.3	2362	0	1194
2520.0	5.0	5.6	29	166	137	0	86.6	94.1	2356	0	1197
2525.0	5.0	5.7	31	166	135	0	86.7	93.9	2344	0	1201
2530.0	5.0	5.7	30	166	136	0	87.1	94.3	2335	0	1203
2535.0	5.0	5.7	29	166	137	0	90.1	99.5	2281	0	1202
	469										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	469										
2540.0	5.0	5.8	27	166	139	0	94.4	103.7	2070	0	1207
2545.0	5.0	5.8	22	166	144	0	96.4	104.4	2010	0	1211
2550.0	5.0	5.8	24	166	142	0	96.2	104.9	2068	0	1216
2555.0	5.0	5.9	23	166	143	0	91.5	100.7	2383	0	1222
2560.0	5.0	5.9	20	166	146	0	89.7	99.9	2513	0	1223
2565.0	5.0	5.9	13	166	153	0	89.3	98.7	2554	0	1222
2570.0	5.0	6.0	21	166	145	0	89.9	101.4	2669	0	1220
2575.0	5.0	6.0	21	166	145	0	90.1	101.5	2681	0	1227
2580.0	5.0	6.0	21	166	145	0	90.5	102.1	2685	0	1230
2585.0	5.0	6.0	19	166	147	0	91.2	101.9	2694	0	1233
	494										
2590.0	5.0	6.1	15	166	151	0	92.1	102.6	2716	0	1235
2600.0	10.0	6.1	16	166	150	0	91.3	103.2	2727	0	1235
2605.0	5.0	6.1	13	166	153	0	86.7	107.2	2726	0	1237
2610.0	5.0	6.2	21	166	145	0	87.2	106.8	2746	0	1243
2615.0	5.0	6.2	22	166	144	0	86.8	107.1	2744	0	1248
2620.0	5.0	6.2	20	166	146	0	86.9	107.2	2733	0	1252
2625.0	5.0	6.2	16	166	150	0	86.2	107.7	2736	0	1257
2630.0	5.0	6.3	16	166	150	0	90.6	103.6	2755	0	1248
2635.0	5.0	6.3	20	166	146	0	98.0	96.7	2761	0	1253
2640.0	5.0	6.3	20	166	146	0	98.5	97.6	2774	0	1257
	514										
2645.0	5.0	6.3	18	166	148	0	98.5	97.3	2782	0	1262
2650.0	5.0	6.3	18	166	148	0	98.5	98.0	2781	0	1267
2655.0	5.0	6.4	18	166	148	0	98.6	96.8	2786	0	1272
2660.0	5.0	6.4	15	166	151	0	97.7	97.1	2779	0	1270
2665.0	5.0	6.4	15	166	151	0	96.5	98.1	2769	0	1268
2670.0	5.0	6.4	20	166	146	0	95.9	99.5	2767	0	1272
2685.0	15.0	6.5	13	166	153	0	94.8	99.6	2751	0	1283
2690.0	5.0	6.5	10	166	156	0	93.3	100.3	2725	0	1282
2695.0	5.0	6.6	13	166	153	0	92.1	101.9	2720	0	1281
2700.0	5.0	6.6	18	166	148	0	92.6	100.2	2719	0	1286
	532										
2705.0	5.0	6.6	19	166	147	0	92.7	99.8	2719	0	1291
2710.0	5.0	6.6	17	166	149	0	92.4	99.6	2720	0	1295
2715.0	5.0	6.6	22	166	144	0	92.7	100.6	2722	0	1300
2720.0	5.0	6.7	12	166	154	0	91.7	102.5	2731	0	1304
2725.0	5.0	6.7	15	168	153	0	92.8	102.7	2685	0	1295
2730.0	5.0	6.7	14	168	154	0	94.1	104.7	2658	0	1300
2735.0	5.0	6.7	18	168	150	0	94.2	98.2	2664	0	1305
2740.0	5.0	6.8	18	168	150	0	94.9	100.3	2666	0	1308
2745.0	5.0	6.8	11	168	157	0	94.1	105.1	2656	0	1312
2755.0	10.0	6.8	12	168	156	0	93.8	99.7	2650	0	1314
	552										
2760.0	5.0	6.9	20	168	148	0	90.8	101.0	2698	0	1312
2765.0	5.0	6.9	17	160	150	0	90.3	101.6	2696	0	1317
2770.0	5.0	6.9	11	170	153	0	90.0	103.3	2697	0	1322
2775.0	5.0	6.9	12	170	158	0	89.5	101.8	2689	0	1325
2780.0	5.0	7.0	10	170	160	0	89.4	101.7	2673	0	1328
2785.0	5.0	7.0	8	170	162	0	88.6	102.1	2661	0	1327
2790.0	5.0	7.1	16	171	154	0	84.2	101.4	2436	0	1324
2795.0	5.0	7.1	16	171	155	0	85.1	113.2	2452	0	1328
2800.0	5.0	7.1	23	171	148	0	84.2	100.7	2451	0	1333
2805.0	5.0	7.2	23	171	148	0	80.7	95.5	2454	0	1338
	580										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	580										
2810.0	5.0	7.2	25	171	146	0	79.7	95.5	2456	0	1343
2815.0	5.0	7.2	27	171	144	0	80.5	95.9	2459	0	1348
2820.0	5.0	7.2	20	171	151	0	85.4	97.5	2636	0	1339
2825.0	5.0	7.2	15	171	156	0	87.4	98.6	2725	0	1345
2830.0	5.0	7.2	19	171	152	0	87.1	98.4	2730	0	1348
2835.0	5.0	7.3	20	171	151	0	87.8	98.5	2740	0	1353
2840.0	5.0	7.3	13	171	158	0	87.2	98.2	2734	0	1357
2845.0	5.0	7.3	16	171	155	0	87.2	99.3	2726	0	1365
2863.0	18.0	7.4	17	171	154	0	82.8	100.2	2707	0	1364
				NEW BIT ID:	3						
2870.0	.0	.0	38	170	132	0	93.5	102.1	2380	0	1387
	601										
2875.0	5.0	.0	34	170	136	0	92.8	113.4	2521	0	1390
2900.0	25.0	.1	31	168	136	0	93.3	112.1	2541	0	1396
2905.0	5.0	.1	27	160	133	0	98.7	102.9	2462	0	1406
2910.0	5.0	.2	26	160	134	0	98.9	104.1	2467	0	1411
2920.0	10.0	.2	24	162	137	0	98.4	104.2	2467	0	1414
2925.0	5.0	.2	29	167	138	0	97.5	104.2	2487	0	1417
2930.0	5.0	.3	27	167	140	0	98.0	104.3	2493	0	1423
2935.0	5.0	.3	30	167	137	0	98.5	104.3	2494	0	1427
2940.0	5.0	.3	27	167	140	0	98.5	104.5	2490	0	1431
2950.0	10.0	.3	26	171	143	0	102.3	105.4	2619	0	1438
	630										
2955.0	5.0	.3	31	172	141	0	102.7	107.3	2679	0	1440
2960.0	5.0	.4	33	172	139	0	102.6	107.7	2695	0	1441
2965.0	5.0	.4	33	172	139	0	103.0	108.1	2697	0	1444
2970.0	5.0	.4	34	172	138	0	102.5	107.1	2694	0	1448
2975.0	5.0	.4	34	172	138	0	102.7	108.0	2682	0	1453
2980.0	5.0	.5	31	173	142	0	100.7	108.2	2668	0	1454
2985.0	5.0	.5	32	173	141	0	100.6	109.4	2675	0	1457
2990.0	5.0	.5	33	173	140	0	100.7	108.5	2679	0	1459
2995.0	5.0	.5	34	173	139	0	100.7	108.1	2671	0	1462
3000.0	5.0	.5	36	173	137	0	100.9	108.0	2661	0	1464
	651										
3005.0	5.0	.5	35	173	138	0	101.1	108.2	2674	0	1469
3010.0	5.0	.6	22	173	151	0	101.2	106.7	2600	0	1468
3015.0	5.0	.6	25	173	148	0	100.8	105.2	2517	0	1473
3020.0	5.0	.6	16	173	157	0	101.0	105.5	2574	0	1476
3030.0	10.0	.6	19	173	154	0	100.8	105.9	2600	0	1486
3035.0	5.0	.6	20	173	153	0	101.0	105.4	2602	0	1490
3075.0	40.0	.8	15	182	160	0	101.9	106.1	2628	0	1502
3080.0	5.0	.8	23	182	159	0	103.9	107.9	2703	0	1506
3085.0	5.0	.8	14	182	168	0	101.5	108.4	2669	0	1509
3090.0	5.0	.8	17	182	165	0	99.7	108.6	2630	0	1514
	665										
3095.0	5.0	.8	15	182	167	0	98.7	108.5	2603	0	1517
3100.0	5.0	.8	25	182	157	0	97.9	107.2	2565	0	1522
3110.0	10.0	.8	22	182	160	0	98.4	106.2	2566	0	1524
3115.0	5.0	.9	23	182	159	0	99.3	106.0	2578	0	1528
3120.0	5.0	.9	28	182	154	0	99.1	106.1	2586	0	1532
3125.0	5.0	.9	31	182	151	0	99.1	105.9	2585	0	1536
3130.0	5.0	.9	27	182	155	0	99.1	106.1	2593	0	1540

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	673										
3135.0	5.0	.9	20	185	164	0	98.4	104.6	2501	0	1529
3140.0	5.0	.9	26	185	159	0	96.8	103.4	2450	0	1534
3145.0	5.0	1.0	13	185	172	0	97.1	102.9	2474	0	1539
3150.0	5.0	1.0	32	185	153	0	100.2	101.7	2545	0	1543
3155.0	5.0	1.0	28	185	157	0	101.0	102.0	2549	0	1548
3160.0	5.0	1.0	33	185	152	0	101.4	104.6	2573	0	1552
3170.0	10.0	1.0	30	184	155	0	98.6	104.0	2532	0	1550
3175.0	5.0	1.0	26	184	158	0	96.9	104.8	2508	0	1555
3180.0	5.0	1.1	26	184	158	0	97.3	104.3	2512	0	1560
3185.0	5.0	1.1	29	184	155	0	97.7	104.3	2513	0	1563
	686										
3190.0	5.0	1.1	25	184	159	0	97.3	103.9	2510	0	1569
3230.0	40.0	1.2	27	185	157	0	98.4	104.4	2501	0	1576
3235.0	5.0	1.2	29	185	156	0	99.0	103.6	2524	0	1580
3240.0	5.0	1.2	22	185	163	0	99.6	103.3	2539	0	1584
3245.0	5.0	1.3	33	185	152	0	99.5	103.2	2543	0	1588
3250.0	5.0	1.3	22	185	163	0	98.1	103.8	2501	0	1591
3255.0	5.0	1.3	25	185	160	0	97.8	103.7	2497	0	1594
3260.0	5.0	1.3	25	189	160	0	98.0	104.9	2506	0	1593
3265.0	5.0	1.3	38	189	150	0	99.2	105.6	2559	0	1597
3270.0	5.0	1.4	36	189	153	0	99.4	105.0	2582	0	1600
	704										
3275.0	5.0	1.4	32	189	156	0	99.9	104.7	2589	0	1603
3280.0	5.0	1.4	35	189	154	0	99.2	106.0	2591	0	1607
3285.0	5.0	1.4	34	189	154	0	98.7	105.8	2581	0	1609
3295.0	10.0	1.5	25	188	163	0	96.4	107.2	2570	0	1610
3300.0	5.0	1.5	29	187	159	0	93.8	108.1	2509	0	1613
3305.0	5.0	1.5	30	187	157	0	94.5	106.1	2490	0	1617
3310.0	5.0	1.5	29	187	159	0	95.6	104.8	2502	0	1623
3315.0	5.0	1.6	25	187	163	0	95.3	105.6	2495	0	1625
3320.0	5.0	1.6	26	187	161	0	94.2	108.9	2491	0	1627
3325.0	5.0	1.6	28	190	160	0	95.5	126.8	2495	0	1622
	727										
3330.0	5.0	1.6	34	190	156	0	96.9	148.3	2495	0	1625
3335.0	5.0	1.7	41	190	149	0	96.5	142.2	2491	0	1631
3340.0	5.0	1.7	40	190	150	0	95.7	153.4	2490	0	1635
3345.0	5.0	1.7	41	190	149	0	96.0	104.9	2492	0	1637
3350.0	5.0	1.7	40	190	150	0	95.2	131.8	2485	0	1642
3355.0	5.0	1.7	34	183	154	0	94.1	163.5	2473	0	1637
3360.0	5.0	1.8	31	183	152	0	91.7	108.4	2481	0	1639
3365.0	5.0	1.8	26	183	156	0	92.5	108.3	2482	0	1644
3370.0	5.0	1.8	24	183	159	0	95.0	105.0	2474	0	1649
3375.0	5.0	1.8	29	183	154	0	101.4	98.9	2487	0	1652
	754										
3380.0	5.0	1.9	28	183	155	0	100.3	98.9	2473	0	1655
3390.0	10.0	1.9	29	185	155	0	97.2	101.5	2480	0	1654
3395.0	5.0	1.9	36	186	150	0	96.7	104.3	2513	0	1657
3400.0	5.0	1.9	35	186	151	0	96.6	103.6	2506	0	1663
3405.0	5.0	2.0	30	186	156	0	96.2	103.5	2508	0	1666
3410.0	5.0	2.0	30	186	156	0	95.5	103.7	2495	0	1667
3415.0	5.0	2.0	32	186	154	0	95.5	104.0	2487	0	1669
3420.0	5.0	2.1	24	174	154	0	95.3	104.5	2505	0	1669
3425.0	5.0	2.1	21	174	153	0	94.9	104.5	2497	0	1673
3430.0	5.0	2.1	22	174	152	0	95.0	104.7	2494	0	1677
	786										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	786										
3435.0	5.0	2.1	21	174	153	0	94.5	103.8	2475	0	1680
3440.0	5.0	2.2	22	174	152	0	94.1	104.2	2477	0	1682
3445.0	5.0	2.2	21	174	153	0	95.0	103.8	2476	0	1684
3450.0	5.0	2.2	18	177	158	0	94.5	105.1	2291	0	1685
3455.0	5.0	2.3	26	190	164	0	.0	116.7	797	0	1685
3460.0	5.0	2.3	32	190	158	0	68.1	96.7	1904	0	1689
3465.0	5.0	2.4	31	190	159	0	109.0	92.3	2542	0	1691
3470.0	5.0	2.4	36	190	154	0	114.3	86.4	2509	0	1693
3475.0	5.0	2.4	38	190	152	0	114.2	85.5	2511	0	1696
3480.0	5.0	2.4	35	189	155	0	114.3	85.2	2503	0	1698
	828										
3485.0	5.0	2.5	28	187	159	0	108.4	90.7	2481	0	1700
3490.0	5.0	2.5	37	187	149	0	108.4	90.3	2473	0	1705
3495.0	5.0	2.5	37	187	150	0	108.5	90.2	2478	0	1707
3500.0	5.0	2.6	34	187	153	0	109.0	90.1	2480	0	1710
3505.0	5.0	2.6	35	187	151	0	108.8	90.4	2472	0	1713
3515.0	10.0	2.6	36	188	151	0	108.6	90.8	2490	0	1715
3520.0	5.0	2.7	33	188	155	0	108.0	91.8	2508	0	1720
3525.0	5.0	2.7	32	188	156	0	108.1	92.1	2504	0	1727
3530.0	5.0	2.7	33	188	156	0	108.3	92.0	2502	0	1727
3535.0	5.0	2.8	34	188	154	0	108.2	91.9	2506	0	1729
	871										
3540.0	5.0	2.8	34	188	154	0	108.7	90.7	2481	0	1732
3545.0	5.0	2.8	34	187	154	0	83.0	110.3	2372	0	1730
3550.0	5.0	2.8	38	187	149	0	81.9	112.5	2370	0	1733
3555.0	5.0	2.9	36	187	151	0	90.0	111.0	2556	0	1739
3560.0	5.0	2.9	37	187	150	0	95.9	110.1	2665	0	1742
3565.0	5.0	2.9	36	187	151	0	96.3	109.6	2667	0	1746
3570.0	5.0	3.0	37	187	150	0	96.5	109.1	2665	0	1749
3575.0	5.0	3.0	37	189	151	0	96.0	103.5	2483	0	1747
3580.0	5.0	3.0	39	190	151	0	91.6	103.5	2402	0	1748
3585.0	5.0	3.0	30	190	160	0	90.8	103.3	2402	0	1752
	894										
3590.0	5.0	3.1	37	190	153	0	91.8	103.0	2407	0	1756
3595.0	5.0	3.1	35	190	155	0	56.4	108.8	1665	0	1760
3600.0	5.0	3.1	37	190	152	0	41.5	110.2	1461	0	1762
3605.0	5.0	3.1	33	188	157	0	102.0	90.3	2426	0	1763
3610.0	5.0	3.2	24	180	156	0	94.9	102.9	2486	0	1762
3615.0	5.0	3.2	31	190	155	0	96.0	104.2	2537	0	1767
3620.0	5.0	3.2	37	190	153	0	95.7	104.0	2535	0	1772
3625.0	5.0	3.2	30	190	160	0	96.0	104.3	2534	0	1775
3630.0	5.0	3.3	40	190	150	0	95.6	104.2	2540	0	1777
3635.0	5.0	3.3	29	190	161	0	96.3	104.6	2552	0	1780
	926										
3640.0	5.0	3.3	38	189	152	0	97.0	105.0	2567	0	1776
3645.0	5.0	3.3	32	189	156	0	97.7	101.1	2490	0	1779
3650.0	5.0	3.4	33	189	156	0	97.6	99.9	2477	0	1783
3655.0	5.0	3.4	34	189	154	0	97.8	99.4	2479	0	1788
3660.0	5.0	3.4	34	189	155	0	97.9	99.2	2477	0	1792
3665.0	5.0	3.4	34	189	155	0	98.4	99.5	2479	0	1794
3670.0	5.0	3.5	27	189	161	0	95.7	104.6	2526	0	1789
3675.0	5.0	3.5	31	189	157	0	94.1	103.3	2489	0	1792
3680.0	5.0	3.5	31	189	158	0	95.1	103.1	2496	0	1796
3685.0	5.0	3.5	29	189	160	0	95.4	103.0	2509	0	1800
	955										

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DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	955										
3690.0	5.0	3.6	31	189	157	0	95.6	103.1	2516	0	1802
3695.0	5.0	3.6	32	189	157	0	95.2	102.7	2506	0	1805
3700.0	5.0	3.6	26	189	163	0	93.8	104.1	2496	0	1804
3705.0	5.0	3.6	31	190	159	0	93.3	105.4	2498	0	1806
3710.0	5.0	3.7	28	190	162	0	93.8	104.8	2502	0	1811
3715.0	5.0	3.7	31	190	158	0	93.5	104.6	2498	0	1814
3720.0	5.0	3.7	32	190	158	0	93.8	104.5	2505	0	1817
3725.0	5.0	3.8	32	190	158	0	93.6	104.7	2503	0	1819
3730.0	5.0	3.8	29	190	160	0	94.0	104.9	2502	0	1821
3735.0	5.0	3.8	30	191	162	0	91.8	106.2	2488	0	1822
	998										
3740.0	5.0	3.9	27	191	164	0	91.8	106.5	2495	0	1824
3745.0	5.0	3.9	31	191	160	0	95.8	102.9	2510	0	1827
3750.0	5.0	3.9	31	191	160	0	98.4	100.9	2513	0	1832
3755.0	5.0	4.0	31	191	161	0	98.3	100.7	2507	0	1833
3760.0	5.0	4.0	33	191	158	0	98.4	100.4	2517	0	1837
3765.0	5.0	4.0	28	191	164	0	97.1	102.8	2551	0	1836
3770.0	5.0	4.1	31	192	161	0	95.3	104.7	2568	0	1840
3775.0	5.0	4.1	27	192	164	0	95.3	104.5	2574	0	1842
3780.0	5.0	4.1	30	192	161	0	95.9	104.5	2568	0	1845
3785.0	5.0	4.1	31	192	161	0	95.8	105.4	2572	0	1848
	1035										
3790.0	5.0	4.2	23	192	169	0	95.7	105.8	2583	0	1850
3820.0	30.0	4.3	22	190	168	0	95.8	104.5	2568	0	1869
3825.0	5.0	4.3	18	191	173	0	96.3	104.7	2572	0	1870
3830.0	5.0	4.4	30	194	164	0	94.7	106.9	2591	0	1867
3835.0	5.0	4.4	27	194	167	0	94.8	107.9	2602	0	1872
3840.0	5.0	4.4	22	194	172	0	95.5	106.1	2577	0	1873
3845.0	5.0	4.4	30	194	163	0	95.5	104.4	2556	0	1877
3850.0	5.0	4.5	22	194	172	0	95.5	104.9	2560	0	1881
3855.0	5.0	4.5	21	193	172	0	96.2	104.4	2559	0	1883
3860.0	5.0	4.5	24	191	167	0	94.8	106.5	2573	0	1882
	1064										
3865.0	5.0	4.5	25	191	165	0	94.4	106.0	2559	0	1887
3870.0	5.0	4.6	23	191	167	0	94.9	105.0	2528	0	1891
3875.0	5.0	4.6	20	191	170	0	94.2	103.9	2527	0	1896
3880.0	5.0	4.6	26	191	165	0	95.0	104.5	2526	0	1902
3885.0	5.0	4.6	23	191	168	0	94.7	104.7	2527	0	1904
3890.0	5.0	4.7	27	193	165	0	95.3	103.6	2523	0	1897
3895.0	5.0	4.7	27	194	167	0	95.1	103.5	2512	0	1899
3900.0	5.0	4.7	23	194	171	0	95.9	103.9	2521	0	1904
3905.0	5.0	4.7	27	194	167	0	96.0	103.5	2524	0	1909
3910.0	5.0	4.7	28	194	166	0	95.9	103.2	2531	0	1916
	1092										
3915.0	5.0	4.8	29	194	165	0	96.0	103.8	2524	0	1917
3920.0	5.0	4.8	26	195	169	0	94.9	104.2	2520	0	1916
3925.0	5.0	4.8	30	196	165	0	93.6	105.1	2519	0	1914
3930.0	5.0	4.8	32	196	163	0	93.9	104.6	2534	0	1919
3935.0	5.0	4.9	27	196	169	0	93.7	104.4	2535	0	1924
3940.0	5.0	4.9	27	196	169	0	93.9	105.3	2535	0	1929
3945.0	5.0	4.9	28	196	168	0	93.7	105.4	2565	0	1935
3970.0	25.0	5.0	22	194	172	0	94.7	103.4	2568	0	1940
3975.0	5.0	5.1	25	192	167	0	95.6	102.0	2549	0	1946
3980.0	5.0	5.1	26	192	166	0	95.3	101.5	2551	0	1949
	1124										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1124										
3985.0	5.0	5.1	20	192	172	0	94.8	102.7	2550	0	1941
3990.0	5.0	5.1	27	192	165	0	94.7	102.7	2556	0	1945
3995.0	5.0	5.2	22	192	170	0	94.6	103.3	2561	0	1948
4000.0	5.0	5.2	20	192	172	0	94.6	103.0	2570	0	1952
4005.0	5.0	5.2	24	192	168	0	94.6	103.4	2575	0	1955
4010.0	5.0	5.2	23	192	169	0	94.6	104.1	2574	0	1960
4015.0	5.0	5.2	23	190	167	0	94.4	103.7	2562	0	1960
4020.0	5.0	5.3	16	189	173	0	95.8	102.4	2564	0	1960
4025.0	5.0	5.3	20	189	169	0	95.9	102.8	2585	0	1965
4030.0	5.0	5.3	19	191	171	0	95.5	103.4	2585	0	1971
	1153										
4035.0	5.0	5.4	22	193	171	0	94.8	102.7	2584	0	1975
4040.0	5.0	5.4	26	193	167	0	95.3	102.6	2582	0	1980
4045.0	5.0	5.4	25	199	169	0	95.3	103.1	2579	0	1971
4050.0	5.0	5.4	30	199	169	0	94.8	103.9	2561	0	1974
4055.0	5.0	5.4	30	199	170	0	94.8	103.7	2568	0	1978
4060.0	5.0	5.5	29	199	171	0	94.2	104.1	2565	0	1984
4065.0	5.0	5.5	29	199	171	0	94.1	104.2	2572	0	1987
4070.0	5.0	5.5	27	199	172	0	93.9	101.7	2532	0	1991
4080.0	10.0	5.6	29	199	171	0	93.8	101.4	2532	0	1992
4085.0	5.0	5.6	30	200	170	0	94.1	103.3	2559	0	1994
	1181										
4090.0	5.0	5.6	33	200	166	0	93.7	103.5	2563	0	1998
4095.0	5.0	5.6	31	200	169	0	93.6	104.1	2564	0	2002
4100.0	5.0	5.7	29	200	170	0	93.1	104.3	2562	0	2008
4105.0	5.0	5.7	32	200	168	0	93.2	104.4	2560	0	2011
4110.0	5.0	5.7	29	201	171	0	92.8	104.1	2556	0	2004
4115.0	5.0	5.7	27	201	174	0	93.8	102.9	2551	0	2009
4120.0	5.0	5.8	27	201	174	0	93.2	102.7	2556	0	2013
4125.0	5.0	5.8	28	201	173	0	93.2	103.1	2550	0	2018
4130.0	5.0	5.8	27	201	174	0	93.0	103.5	2554	0	2021
4135.0	5.0	5.8	23	201	177	0	93.4	103.4	2567	0	2027
	1215										
4140.0	5.0	5.9	22	200	178	0	93.1	103.2	2570	0	2025
4145.0	5.0	5.9	25	199	174	0	92.4	103.4	2571	0	2021
4150.0	5.0	5.9	26	199	174	0	92.3	104.1	2576	0	2026
4155.0	5.0	6.0	25	199	174	0	92.3	104.8	2586	0	2031
4160.0	5.0	6.0	27	199	173	0	92.5	103.5	2574	0	2036
4165.0	5.0	6.0	28	199	171	0	92.7	103.4	2563	0	2040
4170.0	5.0	6.0	27	199	172	0	92.5	103.5	2564	0	2042
4175.0	5.0	6.1	27	199	172	0	92.6	101.5	2533	0	2034
4180.0	5.0	6.1	30	199	170	0	92.9	101.7	2555	0	2038
4185.0	5.0	6.1	27	199	172	0	93.1	102.5	2564	0	2043
	1246										
4190.0	5.0	6.1	30	199	170	0	92.8	102.4	2565	0	2048
4195.0	5.0	6.2	28	199	171	0	92.3	103.4	2570	0	2052
4200.0	5.0	6.2	31	199	168	0	92.9	103.6	2576	0	2055
4205.0	5.0	6.2	30	199	169	0	92.6	102.3	2538	0	2047
4210.0	5.0	6.2	32	199	167	0	92.8	104.0	2587	0	2053
4215.0	5.0	6.3	32	199	167	0	92.6	104.0	2589	0	2057
4220.0	5.0	6.3	32	199	167	0	92.6	104.0	2595	0	2062
4225.0	5.0	6.3	33	199	166	0	93.3	103.4	2576	0	2067
4230.0	5.0	6.3	32	199	166	0	92.7	103.1	2571	0	2071
4235.0	5.0	6.4	23	197	174	0	93.7	100.6	2533	0	2065
	1280										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1280										
4240.0	5.0	6.4	27	197	170	0	94.2	101.4	2545	0	2068
4245.0	5.0	6.4	28	197	168	0	94.2	101.6	2557	0	2072
4250.0	5.0	6.4	29	197	168	0	94.2	102.0	2560	0	2078
4255.0	5.0	6.5	26	197	171	0	94.4	102.4	2562	0	2082
4260.0	5.0	6.5	29	197	168	0	94.0	102.5	2563	0	2086
4275.0	15.0	6.5	22	194	173	0	93.3	103.6	2575	0	2086
4280.0	5.0	6.6	21	193	172	0	92.2	105.1	2581	0	2089
4285.0	5.0	6.6	25	193	168	0	91.8	105.2	2570	0	2093
4290.0	5.0	6.6	21	193	172	0	90.1	106.5	2244	0	2096
4295.0	5.0	6.7	28	193	165	0	59.2	117.2	846	0	2099
	1322										
4300.0	5.0	6.7	24	194	169	0	.0	118.4	874	0	2097
4305.0	5.0	6.8	25	194	169	0	.0	119.2	888	0	2101
4310.0	5.0	6.8	24	194	170	0	.0	119.3	887	0	2105
4315.0	5.0	6.8	24	194	170	0	.0	119.4	890	0	2113
4320.0	5.0	6.9	17	194	177	0	.0	119.3	872	0	2117
4325.0	5.0	6.9	17	194	177	0	39.9	114.9	1778	0	2131
4330.0	5.0	7.0	29	203	173	0	84.0	108.4	2542	0	2113
4335.0	5.0	7.0	37	206	169	0	91.6	100.1	2544	0	2113
4340.0	5.0	7.1	36	206	170	0	92.3	100.1	2525	0	2119
4345.0	5.0	7.1	39	206	167	0	86.9	101.5	2192	0	2124
	1370										
4350.0	5.0	7.1	37	206	168	0	18.2	110.6	777	0	2127
4355.0	5.0	7.2	36	206	170	0	30.3	113.7	833	0	2130
4360.0	5.0	7.2	36	207	171	0	.0	114.4	855	0	2130
4365.0	5.0	7.2	41	209	169	0	56.4	104.3	1960	0	2130
4370.0	5.0	7.3	41	209	169	0	89.5	99.1	2470	0	2133
4375.0	5.0	7.3	41	209	169	0	92.8	97.9	2527	0	2139
4380.0	5.0	7.3	37	209	172	0	94.3	98.0	2555	0	2142
4385.0	5.0	7.3	38	209	172	0	94.9	96.9	2557	0	2147
4390.0	5.0	7.4	38	209	171	0	94.3	96.4	2555	0	2150
4395.0	5.0	7.4	35	207	173	0	97.5	95.5	2588	0	2151
	1410										
4400.0	5.0	7.4	31	207	176	0	97.0	95.5	2574	0	2152
4405.0	5.0	7.5	35	207	173	0	96.9	95.5	2578	0	2153
4410.0	5.0	7.5	33	207	175	0	96.8	95.1	2578	0	2157
4415.0	5.0	7.5	36	207	171	0	97.2	95.4	2579	0	2161
4420.0	5.0	7.5	36	206	171	0	96.5	95.5	2566	0	2163
4425.0	5.0	7.6	32	202	171	0	88.2	98.6	2450	0	2160
4430.0	5.0	7.6	30	202	173	0	88.7	99.0	2437	0	2162
4435.0	5.0	7.6	31	202	171	0	88.5	98.6	2423	0	2165
4440.0	5.0	7.7	32	202	170	0	88.4	98.1	2422	0	2171
4445.0	5.0	7.7	30	202	172	0	89.3	98.0	2453	0	2175
	1448										
4450.0	5.0	7.7	30	197	172	0	92.5	99.1	2542	0	2178
4455.0	5.0	7.7	27	200	169	0	98.0	105.5	2527	0	2174
4460.0	5.0	7.8	30	200	170	0	98.1	105.6	2521	0	2176
4465.0	5.0	7.8	27	200	173	0	98.2	106.2	2517	0	2179
4470.0	5.0	7.8	27	200	173	0	97.9	106.3	2531	0	2184
4475.0	5.0	7.8	29	200	171	0	98.2	106.3	2533	0	2189
4480.0	5.0	7.9	28	200	172	0	97.9	106.2	2534	0	2194
4485.0	5.0	7.9	28	203	175	0	98.2	105.7	2519	0	2189
4490.0	5.0	7.9	33	203	170	0	98.7	104.8	2511	0	2192
4495.0	5.0	7.9	29	203	175	0	98.1	103.6	2502	0	2195
	1490										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1490										
4500.0	5.0	8.0	32	203	171	0	98.9	103.0	2491	0	2199
4505.0	5.0	8.0	34	203	169	0	99.3	103.9	2491	0	2204
4510.0	5.0	8.0	34	203	169	0	99.2	103.3	2485	0	2210
4515.0	5.0	8.1	32	206	173	0	99.3	105.2	2535	0	2206
4520.0	5.0	8.1	36	206	170	0	99.5	106.1	2555	0	2207
4525.0	5.0	8.1	36	206	170	0	98.8	105.7	2553	0	2209
4530.0	5.0	8.1	37	206	170	0	99.4	106.2	2552	0	2213
4535.0	5.0	8.2	35	206	171	0	99.4	106.2	2558	0	2219
4540.0	5.0	8.2	32	206	174	0	98.2	105.3	2564	0	2223
4545.0	5.0	8.2	32	203	171	0	39.0	119.6	1243	0	2216
	1528										
4550.0	5.0	8.3	31	203	171	0	26.9	126.5	914	0	2219
4555.0	5.0	8.3	33	203	170	0	22.5	126.5	913	0	2222
4560.0	5.0	8.4	32	203	171	0	.0	126.8	918	0	2227
4565.0	5.0	8.4	34	203	169	0	.0	123.8	908	0	2234
4570.0	5.0	8.5	30	203	173	0	53.0	117.7	2005	0	2238
4580.0	10.0	8.5	22	170	176	0	90.1	107.3	2524	0	2234
4585.0	5.0	8.6	27	201	173	0	96.8	100.7	2529	0	2238
4590.0	5.0	8.6	33	205	172	0	97.3	100.4	2532	0	2243
4595.0	5.0	8.6	33	205	172	0	97.1	99.9	2537	0	2247
4600.0	5.0	8.7	33	205	172	0	97.6	99.9	2532	0	2251
	1571										
4610.0	10.0	8.7	33	206	173	0	97.4	100.1	2540	0	2253
4615.0	5.0	8.8	39	209	170	0	96.5	104.4	2600	0	2250
4620.0	5.0	8.8	38	209	171	0	96.9	103.8	2612	0	2255
4625.0	5.0	8.8	40	209	170	0	97.4	103.2	2625	0	2260
4630.0	5.0	8.9	43	209	166	0	98.2	103.9	2625	0	2262
4635.0	5.0	8.9	40	209	169	0	97.3	103.7	2648	0	2263
4640.0	5.0	8.9	40	209	169	0	102.6	79.6	2094	0	2257
4645.0	5.0	9.0	30	214	184	0	88.3	105.0	2537	0	2245
4650.0	5.0	9.1	30	214	184	0	88.6	105.4	2571	0	2249
4655.0	5.0	9.1	29	214	185	0	88.6	105.1	2573	0	2254
	1616										
4660.0	5.0	9.1	30	214	184	0	88.5	104.8	2569	0	2259
4665.0	5.0	9.2	30	214	184	0	88.4	104.6	2561	0	2264
4675.0	10.0	9.3	32	214	182	0	84.9	101.8	2393	0	2271
4680.0	5.0	9.3	32	214	182	0	92.0	97.7	2429	0	2278
4685.0	5.0	9.4	34	214	180	0	92.2	99.8	2468	0	2281
4690.0	5.0	9.4	34	214	179	0	92.4	103.3	2537	0	2284
4695.0	5.0	9.4	32	214	182	0	92.2	103.2	2537	0	2287
4700.0	5.0	9.5	34	214	180	0	91.8	103.1	2528	0	2290
4705.0	5.0	9.5	33	215	181	0	88.9	102.2	2466	0	2291
4710.0	5.0	9.6	35	216	181	0	91.7	100.9	2517	0	2294
	1665										
4715.0	5.0	9.6	38	216	177	0	95.0	99.6	2596	0	2297
4720.0	5.0	9.7	37	216	178	0	95.3	100.4	2612	0	2299
4725.0	5.0	9.7	38	216	178	0	94.9	99.4	2614	0	2302
4730.0	5.0	9.8	37	216	179	0	94.8	99.0	2619	0	2304
4735.0	5.0	9.8	35	215	181	0	94.6	99.0	2622	0	2306
4740.0	5.0	9.8	36	215	179	0	92.8	99.1	2580	0	2308
4745.0	5.0	9.9	36	215	179	0	92.8	99.2	2602	0	2312
4750.0	5.0	9.9	36	215	179	0	92.9	99.4	2616	0	2316
4755.0	5.0	10.0	36	215	179	0	92.9	99.5	2621	0	2321
4760.0	5.0	10.0	36	215	179	0	92.8	99.7	2621	0	2326
	1714										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	1714										
4765.0	5.0	10.1	37	215	178	0	92.2	99.3	2625	0	2330
4770.0	5.0	10.1	36	215	180	0	95.8	95.3	2586	0	2340
4775.0	5.0	10.2	37	215	178	0	98.3	93.0	2560	0	2345
4780.0	5.0	10.2	38	215	178	0	98.1	92.7	2559	0	2348
4785.0	5.0	10.3	38	215	178	0	98.1	92.1	2546	0	2350
4790.0	5.0	10.4	38	215	177	0	98.6	91.9	2537	0	2352
4795.0	5.0	10.4	38	215	177	0	98.3	91.9	2535	0	2354
4800.0	5.0	10.5	35	215	180	0	95.3	95.8	2557	0	2358
4805.0	5.0	10.5	36	215	178	0	91.3	98.7	2561	0	2360
4810.0	5.0	10.6	37	215	178	0	94.1	100.2	2652	0	2363
	1763										
4815.0	5.0	10.6	35	215	179	0	94.3	100.0	2664	0	2366
4820.0	5.0	10.7	36	215	179	0	93.8	99.9	2669	0	2368
4825.0	5.0	10.7	34	215	180	0	91.9	100.8	2623	0	2371
4830.0	5.0	10.8	32	213	182	0	89.7	101.0	2585	0	2374
4835.0	5.0	10.8	31	211	181	0	90.5	99.5	2581	0	2377
4840.0	5.0	10.9	30	211	181	0	91.3	99.9	2568	0	2380
4845.0	5.0	10.9	33	211	178	0	88.7	97.8	2567	0	2382
4850.0	5.0	11.0	29	211	182	0	88.0	97.9	2577	0	2386
4855.0	5.0	11.0	32	211	179	0	87.7	97.7	2585	0	2389
4870.0	15.0	11.1	32	213	180	0	87.4	97.5	2593	0	2393
	1802										
4875.0	5.0	11.2	38	215	177	0	89.1	96.3	2599	0	2402
4880.0	5.0	11.3	38	215	177	0	88.5	96.0	2596	0	2405
4885.0	5.0	11.3	37	215	178	0	43.6	123.1	1523	0	2407
4890.0	5.0	11.4	35	215	180	0	.0	148.3	1128	0	2410
4895.0	5.0	11.4	42	221	177	0	.0	133.7	1088	0	2414
4900.0	5.0	11.4	39	221	182	0	73.6	104.7	1882	0	2416
4905.0	5.0	11.5	35	221	186	0	21.7	123.2	1045	0	2419
4910.0	5.0	11.6	32	221	189	0	.0	118.3	1018	0	2423
4915.0	5.0	11.7	31	221	190	0	.0	115.3	968	0	2426
4920.0	5.0	11.8	30	221	190	0	.0	115.1	976	0	2430
	1845										
4925.0	5.0	11.9	30	220	191	0	.0	115.5	975	0	2429
4930.0	5.0	12.0	28	220	191	0	.0	116.7	988	0	2428
4935.0	5.0	12.0	29	220	190	0	.0	117.3	1000	0	2431
4940.0	5.0	12.1	29	220	191	0	.0	117.4	1018	0	2436
4945.0	5.0	12.2	27	220	193	0	.0	117.9	1030	0	2442
4950.0	5.0	12.3	33	220	187	0	.0	121.9	1030	0	2446
4955.0	5.0	12.3	32	220	187	0	.0	116.4	1018	0	2444
4960.0	5.0	12.4	31	214	183	0	74.5	98.5	2451	0	2449
4965.0	5.0	12.4	34	214	180	0	85.8	96.0	2576	0	2447
4970.0	5.0	12.5	34	214	180	0	86.0	96.3	2585	0	2452
	1895										
4975.0	5.0	12.5	34	214	180	0	86.4	97.1	2578	0	2458
4980.0	5.0	12.6	33	214	181	0	86.4	96.4	2603	0	2452
4985.0	5.0	12.6	32	214	182	0	86.4	96.8	2614	0	2456
4990.0	5.0	12.7	40	221	181	0	86.8	91.3	2498	0	2454
4995.0	5.0	12.8	42	221	179	0	88.7	93.9	2605	0	2456
5000.0	5.0	12.9	41	221	180	0	88.4	93.2	2584	0	2458
5005.0	5.0	12.9	39	221	183	0	87.9	93.3	2588	0	2461
5010.0	5.0	13.0	37	221	185	0	87.8	93.1	2584	0	2467
5015.0	5.0	13.0	38	221	183	0	88.1	93.8	2578	0	2474
5020.0	5.0	13.1	37	219	183	0	87.6	93.4	2572	0	2485
	1944										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
1944											
5025.0	5.0	13.2	37	218	181	0	88.9	93.0	2544	0	2492
5030.0	5.0	13.3	42	218	176	0	88.8	93.9	2511	0	2494
5035.0	5.0	13.4	44	218	175	0	88.1	93.9	2501	0	2496
5040.0	5.0	13.5	45	218	174	0	87.8	93.7	2482	0	2501
5045.0	5.0	13.6	43	218	175	0	87.9	93.3	2471	0	2507
5050.0	5.0	13.7	42	218	177	0	87.8	92.8	2476	0	2508
5055.0	5.0	13.8	41	218	177	0	88.5	92.2	2499	0	2505
5060.0	5.0	13.9	36	215	179	0	88.3	92.3	2509	0	2508
5065.0	5.0	14.0	39	215	176	0	88.2	92.0	2505	0	2510
5070.0	5.0	14.1	39	215	176	0	88.3	92.8	2517	0	2512
1992											
5075.0	5.0	14.2	35	215	180	0	88.7	93.3	2521	0	2517
5080.0	5.0	14.2	35	215	180	0	89.0	93.2	2508	0	2521
5085.0	5.0	14.3	40	216	176	0	87.9	92.7	2483	0	2519
5090.0	5.0	14.4	40	216	175	0	88.1	92.7	2464	0	2518
5095.0	5.0	14.5	42	216	174	0	87.8	92.8	2470	0	2519
5100.0	5.0	14.6	41	216	174	0	88.5	91.9	2464	0	2522
5105.0	5.0	14.7	39	216	177	0	88.3	92.5	2472	0	2526
5110.0	5.0	14.8	38	216	177	0	88.3	92.7	2460	0	2532
5115.0	5.0	14.9	42	215	173	0	88.3	92.4	2441	0	2526
5120.0	5.0	15.0	43	215	172	0	89.1	92.5	2448	0	2531
2032											
5125.0	5.0	15.1	43	215	172	0	88.2	94.4	2426	0	2536
5130.0	5.0	15.2	39	215	176	0	88.7	92.1	2442	0	2541
5135.0	5.0	15.3	36	215	179	0	87.7	93.0	2432	0	2545
5140.0	5.0	15.4	41	215	174	0	88.4	92.4	2428	0	2550
5142.0	2.0	15.5	45	215	170	0	88.1	93.0	2459	0	2552
NEW BIT ID: 4											
5145.0	.0	.0	26	212	186	0	95.2	89.1	2363	0	2539
5150.0	5.0	.1	30	212	182	0	92.4	100.0	2544	0	2544
5155.0	5.0	.1	33	212	179	0	92.0	99.8	2524	0	2549
5160.0	5.0	.2	30	210	181	0	92.0	99.3	2518	0	2554
5180.0	20.0	.4	20	205	184	0	94.3	96.5	2499	0	2574
2063											
5185.0	5.0	.5	34	212	178	0	94.3	96.2	2480	0	2579
5190.0	5.0	.6	36	212	176	0	93.5	95.8	2475	0	2585
5195.0	5.0	.6	36	212	176	0	93.6	95.7	2463	0	2588
5200.0	5.0	.7	36	212	176	0	92.9	98.5	2490	0	2589
5205.0	5.0	.8	35	212	177	0	93.1	98.3	2466	0	2591
5210.0	5.0	.8	39	214	175	0	93.6	98.4	2761	0	2589
5215.0	5.0	.9	41	214	173	0	94.6	98.2	2876	0	2590
5220.0	5.0	.9	40	214	174	0	94.7	97.5	2868	0	2593
5225.0	5.0	1.0	41	214	173	0	94.8	97.0	2862	0	2595
5230.0	5.0	1.0	40	214	175	0	94.5	97.5	2837	0	2598
2111											
5235.0	5.0	1.0	39	214	175	0	94.5	97.1	2814	0	2601
5240.0	5.0	1.1	41	216	175	0	94.1	98.0	2804	0	2602
5245.0	5.0	1.2	44	216	173	0	95.8	98.2	2843	0	2605
5250.0	5.0	1.2	42	216	174	0	96.1	97.3	2839	0	2606
5255.0	5.0	1.3	43	216	174	0	95.8	97.4	2834	0	2609
5260.0	5.0	1.3	40	216	176	0	95.9	97.1	2825	0	2612
5265.0	5.0	1.4	44	216	173	0	95.6	97.1	2824	0	2614

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	2144										
5270.0	5.0	1.4	37	215	178	0	95.5	97.9	2361	0	2616
5275.0	5.0	1.5	40	213	173	0	94.0	98.2	2226	0	2620
5280.0	5.0	1.5	46	213	167	0	94.4	97.5	2250	0	2624
5285.0	5.0	1.5	46	213	167	0	94.8	97.9	2259	0	2630
5290.0	5.0	1.6	48	213	165	0	95.0	97.4	2246	0	2635
5295.0	5.0	1.6	48	213	164	0	94.6	97.1	2240	0	2642
5300.0	5.0	1.6	40	212	172	0	94.7	97.7	2265	0	2641
5305.0	5.0	1.6	48	212	164	0	95.3	99.3	2325	0	2639
5310.0	5.0	1.7	48	212	164	0	95.6	99.3	2352	0	2654
5315.0	5.0	1.8	48	212	164	0	96.0	99.0	2378	0	2655
	2179										
5320.0	5.0	1.8	46	212	166	0	95.4	98.1	2335	0	2661
5325.0	5.0	1.8	47	214	164	0	95.9	98.0	2332	0	2671
5335.0	10.0	1.9	30	215	166	0	93.8	98.7	2291	0	2657
5340.0	5.0	1.9	21	215	165	0	94.3	98.2	2297	0	2659
5345.0	5.0	1.9	20	215	165	0	94.0	98.8	2299	0	2661
5350.0	5.0	2.0	21	215	164	0	93.8	98.6	2298	0	2667
5355.0	5.0	2.0	20	215	166	0	94.2	98.4	2298	0	2672
5360.0	5.0	2.0	17	215	168	0	94.9	98.3	2319	0	2677
5365.0	5.0	2.1	16	215	167	0	95.3	98.7	2317	0	2688
5370.0	5.0	2.1	16	215	164	0	95.6	99.1	2318	0	2681
	2209										
5375.0	5.0	2.1	17	215	163	0	95.4	99.2	2313	0	2683
5380.0	5.0	2.2	17	215	163	0	95.0	99.2	2307	0	2685
5385.0	5.0	2.2	15	215	165	0	94.5	99.0	2348	0	2688
5390.0	5.0	2.3	34	215	173	0	94.7	99.7	2318	0	2692
5395.0	5.0	2.4	38	215	172	0	93.8	99.9	2330	0	2691
5400.0	5.0	2.5	43	215	176	0	93.8	101.2	2284	0	2686
5405.0	5.0	2.5	51	215	174	0	94.0	101.6	2307	0	2689
5410.0	5.0	2.6	50	215	175	0	93.9	101.6	2320	0	2690
5415.0	5.0	2.7	51	215	174	0	86.4	106.7	2296	0	2691
5420.0	5.0	2.7	51	216	174	0	85.8	106.3	2300	0	2694
	2257										
5425.0	5.0	2.8	49	220	175	0	88.2	102.6	2271	0	2696
5430.0	5.0	2.9	44	220	177	0	90.2	102.5	2275	0	2697
5435.0	5.0	2.9	45	220	175	0	93.9	100.6	2320	0	2697
5440.0	5.0	2.9	46	220	174	0	94.6	100.3	2337	0	2700
5445.0	5.0	3.0	45	220	175	0	93.8	100.6	2325	0	2703
5450.0	5.0	3.1	46	220	174	0	93.2	100.5	2328	0	2706
5460.0	10.0	3.1	46	220	176	0	92.8	100.3	2318	0	2710
5465.0	5.0	3.2	56	224	174	0	93.1	98.1	2330	0	2715
5470.0	5.0	3.3	53	225	176	0	91.2	98.1	2310	0	2720
5475.0	5.0	3.3	55	225	174	0	90.5	98.5	2305	0	2725
	2305										
5480.0	5.0	3.3	55	225	174	0	90.6	98.4	2303	0	2729
5485.0	5.0	3.4	56	225	174	0	89.9	98.5	2286	0	2732
5490.0	5.0	3.4	54	228	175	0	89.8	98.7	2297	0	2731
5495.0	5.0	3.5	50	225	175	0	91.4	98.9	2370	0	2730
5500.0	5.0	3.5	50	225	175	0	90.9	98.6	2364	0	2734
5505.0	5.0	3.6	49	225	176	0	89.3	99.0	2331	0	2739
5510.0	5.0	3.6	49	225	176	0	88.8	98.7	2323	0	2742
5515.0	5.0	3.7	49	225	177	0	89.0	98.6	2326	0	2745
5520.0	5.0	3.7	36	226	178	0	89.9	97.6	2319	0	2745
5525.0	5.0	3.8	8	227	175	0	93.0	94.0	2291	0	2745
	2353										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	2353										
5530.0	5.0	3.8	9	227	175	0	92.2	94.2	2282	0	2750
5535.0	5.0	3.9	9	227	174	0	91.6	94.2	2283	0	2756
5540.0	5.0	3.9	9	227	174	0	93.7	95.3	2299	0	2759
5545.0	5.0	4.0	8	227	175	0	93.5	95.4	2279	0	2762
5555.0	10.0	4.1	37	227	180	0	82.8	105.5	2269	0	2762
5560.0	5.0	4.1	51	227	179	0	81.0	108.5	2288	0	2766
5565.0	5.0	4.2	54	227	177	0	81.0	108.1	2294	0	2769
5570.0	5.0	4.2	55	227	175	0	81.7	108.1	2308	0	2771
5575.0	5.0	4.3	55	227	176	0	81.3	107.8	2310	0	2773
5580.0	5.0	4.3	51	227	179	0	82.2	106.0	2304	0	2772
	2403										
5585.0	5.0	4.4	51	227	176	0	90.4	99.8	2335	0	2773
5590.0	5.0	4.4	52	227	176	0	90.7	99.8	2349	0	2778
5595.0	5.0	4.5	52	227	176	0	91.4	99.2	2377	0	2783
5600.0	5.0	4.5	51	227	177	0	91.0	99.8	2366	0	2786
5605.0	5.0	4.6	50	228	178	0	91.5	99.1	2378	0	2789
5610.0	5.0	4.6	46	228	182	0	91.1	99.9	2380	0	2791
5615.0	5.0	4.7	53	229	176	0	90.2	97.5	2315	0	2792
5620.0	5.0	4.7	52	229	177	0	92.2	97.4	2356	0	2795
5625.0	5.0	4.8	53	229	176	0	85.6	98.7	2211	0	2800
5630.0	5.0	4.8	53	229	176	0	85.2	98.9	2207	0	2805
	2448										
5635.0	5.0	4.8	53	229	176	0	84.3	99.0	2199	0	2810
5640.0	5.0	4.9	53	229	177	0	85.8	99.1	2236	0	2813
5645.0	5.0	4.9	49	230	180	0	85.9	99.0	2227	0	2814
5650.0	5.0	5.0	55	233	177	0	88.1	99.9	2350	0	2809
5655.0	5.0	5.1	52	233	180	0	92.3	98.8	2439	0	2813
5660.0	5.0	5.1	53	233	180	0	92.1	98.9	2434	0	2818
5665.0	5.0	5.2	52	233	180	0	92.9	98.9	2443	0	2819
5670.0	5.0	5.2	51	233	181	0	92.4	98.3	2413	0	2821
5675.0	5.0	5.3	51	232	182	0	93.1	97.1	2395	0	2823
5700.0	25.0	5.5	39	232	182	0	93.0	94.0	2327	0	2834
	2496										
5710.0	10.0	5.6	22	232	184	0	91.0	96.2	2329	0	2836
5715.0	5.0	5.7	20	232	184	0	90.4	96.8	2316	0	2839
5720.0	5.0	5.7	20	232	183	0	90.3	96.9	2322	0	2843
5725.0	5.0	5.8	20	232	184	0	91.0	94.4	2276	0	2846
5730.0	5.0	5.8	20	232	184	0	91.8	93.9	2287	0	2849
5735.0	5.0	5.9	36	231	183	0	91.6	94.0	2373	0	2853
5740.0	5.0	6.0	46	232	185	0	93.6	93.9	2979	0	2850
5745.0	5.0	6.1	50	232	182	0	95.2	92.1	2983	0	2846
5750.0	5.0	6.2	50	232	183	0	95.7	92.1	2945	0	2847
5755.0	5.0	6.3	46	232	186	0	95.5	91.8	2936	0	2851
	2536										
5760.0	5.0	6.4	47	230	183	0	92.5	94.5	2446	0	2851
5765.0	5.0	6.5	49	230	181	0	91.1	92.3	2872	0	2856
5790.0	25.0	6.7	45	230	185	0	89.5	96.0	2936	0	2871
5795.0	5.0	6.8	47	230	183	0	89.4	98.4	2988	0	2879
5800.0	5.0	6.9	47	230	183	0	89.0	98.4	2972	0	2883
5805.0	5.0	6.9	49	238	185	0	91.3	95.0	2976	0	2884
5810.0	5.0	6.9	49	238	188	0	92.9	93.4	2951	0	2887
5815.0	5.0	7.0	53	238	185	0	92.6	94.1	2965	0	2889
5820.0	5.0	7.1	53	238	185	0	91.9	94.0	2970	0	2890
5825.0	5.0	7.2	53	238	185	0	91.8	94.5	2968	0	2892
	2578										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
2578											
5830.0	5.0	7.3	52	238	186	0	92.3	95.8	2962	0	2893
5865.0	35.0	7.6	50	238	188	0	94.4	83.7	2943	0	2901
5870.0	5.0	7.7	42	239	197	0	95.5	92.1	2924	0	2912
5875.0	5.0	7.8	51	239	187	0	94.6	92.4	2915	0	2916
5880.0	5.0	7.8	45	230	189	0	91.2	96.4	2918	0	2920
5885.0	5.0	7.8	40	230	190	0	92.8	95.3	2945	0	2924
5890.0	5.0	7.9	43	234	188	0	93.3	95.5	2958	0	2927
5900.0	10.0	7.9	46	236	194	0	93.7	94.1	2961	0	2932
5905.0	5.0	8.0	56	236	190	0	94.2	93.9	2970	0	2937
5910.0	5.0	8.1	55	236	190	0	93.9	93.7	2959	0	2942
2619											
5915.0	5.0	8.1	55	236	190	0	94.2	92.8	2948	0	2946
5920.0	5.0	8.2	57	236	189	0	94.3	92.8	2933	0	2944
5925.0	5.0	8.3	56	236	189	0	94.1	92.7	2933	0	2942
5930.0	5.0	8.5	50	236	192	0	94.4	93.3	2938	0	2938
5935.0	5.0	8.6	39	236	195	0	96.4	92.5	2967	0	2935
5940.0	5.0	8.9	35	236	199	0	96.5	81.7	2989	0	2937
5945.0	5.0	8.9	32	236	202	0	97.1	91.2	2991	0	2941
5950.0	5.0	9.1	35	236	199	0	96.1	91.1	2972	0	2945
5955.0	5.0	9.1	28	236	206	0	95.8	89.6	2961	0	2949
5960.0	5.0	9.1	34	237	203	0	95.7	91.9	2968	0	2953
2663											
5965.0	5.0	9.2	52	238	201	0	87.0	99.5	2924	0	2956
5970.0	5.0	9.2	52	238	200	0	86.3	99.1	2912	0	2961
5975.0	5.0	9.3	52	238	200	0	85.8	98.5	2904	0	2963
5980.0	5.0	9.3	53	238	199	0	90.4	97.8	3017	0	2968
5985.0	5.0	9.4	56	238	196	0	91.5	96.0	3018	0	2972
5995.0	10.0	9.4	53	238	197	0	91.4	98.5	3026	0	2974
6000.0	5.0	9.5	35	238	199	0	91.3	99.5	3035	0	2976
6005.0	5.0	9.5	23	238	211	0	90.6	91.6	3016	0	2980
6010.0	5.0	9.7	37	238	197	0	90.4	98.3	2995	0	2984
6015.0	5.0	10.0	43	238	191	0	89.5	97.0	2921	0	2986
2707											
6020.0	5.0	10.5	45	238	189	0	89.9	94.7	2747	0	2986
6025.0	5.0	10.8	53	238	194	0	85.6	83.0	2886	0	2983
6030.0	5.0	11.0	65	238	192	0	92.5	96.2	2928	0	2984
6032.0	2.0	11.2	50	238	207	0	92.4	92.5	3087	0	2986
NEW BIT ID: 5											
6035.0	.0	.0	12	236	224	0	88.3	90.6	2954	0	2978
6040.0	5.0	.1	15	236	221	0	88.2	90.0	2953	0	2983
6045.0	5.0	.2	34	253	220	0	89.6	89.7	2934	0	2990
6055.0	10.0	.3	36	250	215	0	87.1	92.9	2901	0	2999
6060.0	5.0	.4	35	247	212	0	87.2	93.9	2937	0	3006
6065.0	5.0	.5	36	247	211	0	87.8	93.1	2919	0	3008
2754											
6070.0	5.0	.6	35	247	212	0	88.0	93.0	2912	0	3010
6075.0	5.0	.7	36	247	211	0	88.6	92.8	2906	0	3011
6080.0	5.0	.8	37	247	210	0	89.7	92.3	2915	0	3013
6085.0	5.0	1.0	43	256	206	0	92.0	87.8	2937	0	3017
6090.0	5.0	1.1	46	256	210	0	93.9	88.9	2975	0	3026
6095.0	5.0	1.2	44	256	212	0	93.3	92.0	2969	0	3034
6100.0	5.0	1.3	47	256	209	0	94.0	91.6	2961	0	3047

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	2785										
6105.0	5.0	1.5	47	256	209	0	95.2	91.0	2974	0	3055
6110.0	5.0	1.7	47	256	209	0	96.9	91.0	2990	0	3058
6120.0	10.0	1.7	47	255	208	0	97.2	90.4	3007	0	3059
6125.0	5.0	1.8	38	251	213	0	91.2	94.7	2964	0	3066
6130.0	5.0	1.8	39	251	217	0	90.0	92.4	2911	0	3069
6135.0	5.0	1.8	33	251	218	0	93.7	92.0	3008	0	3074
6140.0	5.0	1.9	31	251	220	0	93.7	92.0	3018	0	3079
6150.0	10.0	1.9	34	251	217	0	93.1	92.0	3001	0	3087
6155.0	5.0	1.9	34	254	218	0	90.4	92.0	2968	0	3092
6160.0	5.0	1.9	39	257	218	0	90.6	93.9	2946	0	3095
	2815										
6165.0	5.0	2.0	43	257	214	0	90.8	94.0	2940	0	3100
6170.0	5.0	2.1	46	257	211	0	92.0	92.3	2948	0	3102
6175.0	5.0	2.2	45	257	212	0	92.4	67.9	2948	0	3100
6180.0	5.0	2.4	48	262	214	0	91.3	88.2	2938	0	3097
6185.0	5.0	2.4	50	265	215	0	90.4	93.9	2939	0	3099
6190.0	5.0	2.6	52	265	214	0	91.7	93.3	2940	0	3104
6195.0	5.0	2.8	51	265	214	0	92.0	91.5	2934	0	3108
6200.0	5.0	2.8	47	265	218	0	92.1	92.6	2929	0	3113
6205.0	5.0	2.9	50	265	215	0	92.0	92.0	2925	0	3116
6210.0	5.0	3.0	55	264	209	0	91.0	93.9	2943	0	3114
	2864										
6220.0	10.0	3.1	58	264	206	0	89.5	94.5	2938	0	3120
6225.0	5.0	3.2	57	264	207	0	89.6	94.4	2928	0	3123
6230.0	5.0	3.4	56	264	208	0	89.3	94.0	2911	0	3125
6235.0	5.0	3.6	58	264	206	0	89.1	94.0	2884	0	3129
6240.0	5.0	3.7	56	272	208	0	89.9	93.8	2907	0	3130
6245.0	5.0	3.9	61	272	210	0	88.2	96.1	2957	0	3132
6250.0	5.0	3.9	61	272	210	0	87.7	96.5	2961	0	3135
6255.0	5.0	3.9	61	272	211	0	88.1	95.9	2953	0	3140
6260.0	5.0	4.0	57	272	215	0	89.9	96.1	2986	0	3141
6265.0	5.0	4.0	53	272	218	0	90.7	94.4	2947	0	3145
	2908										
6270.0	5.0	4.1	53	272	219	0	91.0	93.7	2940	0	3148
6305.0	35.0	4.3	53	282	225	0	88.8	96.1	2953	0	3170
6310.0	5.0	4.3	52	282	230	0	87.1	98.0	2960	0	3171
6355.0	45.0	4.8	34	232	229	0	86.9	95.3	2806	0	3181
6360.0	5.0	5.0	30	256	226	0	88.1	95.9	2939	0	3188
6365.0	5.0	5.0	30	256	226	0	88.2	95.8	2936	0	3192
6370.0	5.0	5.1	45	271	224	0	88.3	96.7	2969	0	3191
6375.0	5.0	5.1	49	271	222	0	88.4	97.1	2972	0	3194
6380.0	5.0	5.2	48	271	224	0	88.3	94.6	2975	0	3196
6385.0	5.0	5.3	47	271	224	0	88.4	95.4	2977	0	3200
	2956										
6390.0	5.0	5.3	44	254	228	0	88.6	96.0	2961	0	3197
6395.0	5.0	5.3	49	273	230	0	88.8	96.0	2963	0	3202
6400.0	5.0	5.3	43	276	233	0	89.4	96.0	2967	0	3207
6405.0	5.0	5.4	50	291	233	0	87.6	96.6	2999	0	3211
6410.0	5.0	5.4	53	298	234	0	86.1	97.9	3025	0	3213
6440.0	30.0	6.2	53	298	232	0	86.3	99.3	3037	0	3243
6445.0	5.0	6.3	48	275	231	0	85.8	99.3	3039	0	3243
6450.0	5.0	6.4	42	275	233	0	85.9	101.1	3000	0	3246
6455.0	5.0	6.5	40	275	235	0	86.4	104.4	2927	0	3250
6460.0	5.0	6.5	37	286	239	0	86.1	103.8	2934	0	3249
	2985										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	2985										
6490.0	30.0	6.7	46	266	240	0	91.5	92.6	2984	0	3263
6495.0	5.0	6.7	30	266	236	0	87.7	99.4	2950	0	3267
6500.0	5.0	6.7	30	266	236	0	87.6	96.9	2949	0	3271
6505.0	5.0	6.7	31	266	235	0	88.0	95.3	2961	0	3276
6510.0	5.0	6.7	32	266	234	0	88.3	97.9	2966	0	3280
6515.0	5.0	6.8	33	266	233	0	88.1	96.2	2964	0	3285
6525.0	10.0	6.8	35	269	234	0	89.4	93.2	2962	0	3289
6530.0	5.0	6.9	50	286	235	0	93.1	89.2	2970	0	3294
6535.0	5.0	7.0	52	286	234	0	93.7	89.0	2965	0	3299
6540.0	5.0	7.1	53	286	233	0	93.6	88.4	2937	0	3297
	3023										
6545.0	5.0	7.3	50	286	236	0	94.4	90.8	2968	0	3286
6550.0	5.0	7.6	54	286	232	0	94.1	93.4	2988	0	3278
6555.0	5.0	7.8	53	286	233	0	93.5	80.4	2984	0	3275
6560.0	5.0	7.8	42	292	247	0	92.1	87.8	2813	0	3276
6565.0	5.0	7.9	53	297	237	0	88.1	89.6	2615	0	3276
6570.0	5.0	7.9	52	286	234	0	92.1	119.6	3045	0	3280
6575.0	5.0	7.9	49	286	237	0	92.7	120.3	3040	0	3285
6580.0	5.0	8.0	51	286	235	0	92.3	107.5	3019	0	3293
6585.0	5.0	8.1	53	286	233	0	93.0	99.9	2984	0	3296
6587.0	2.0	8.5	53	286	233	0	92.1	97.3	3103	0	3299
				NEW BIT ID:	6						
	3067										
6610.0	.0	.1	45	326	287	0	92.6	85.6	2802	0	3269
6615.0	5.0	.2	45	326	237	0	85.5	94.9	2818	0	3274
6620.0	5.0	.2	45	326	241	0	84.8	93.3	2820	0	3279
6625.0	5.0	.2	45	326	249	0	84.9	97.2	2825	0	3284
6630.0	5.0	.3	45	326	242	0	89.6	97.1	2993	0	3288
6635.0	5.0	.3	45	326	237	0	91.8	94.0	3043	0	3294
6640.0	5.0	.3	45	296	240	0	91.0	94.3	3041	0	3297
6645.0	5.0	.4	48	262	218	0	91.5	94.9	3029	0	3302
6650.0	5.0	.5	46	237	191	0	91.7	92.1	2987	0	3304
6655.0	5.0	.6	45	238	193	0	89.4	102.5	2976	0	3307
	3091										
6660.0	5.0	.7	43	238	195	0	86.9	94.7	3003	0	3306
6665.0	5.0	.7	44	238	193	0	86.4	85.4	3013	0	3303
6670.0	5.0	.8	41	238	196	0	86.6	98.8	3022	0	3304
6675.0	5.0	.8	45	238	192	0	86.7	96.0	3006	0	3308
6680.0	5.0	.9	40	238	198	0	86.3	97.9	3006	0	3312
6685.0	5.0	.9	48	242	194	0	88.8	90.6	2948	0	3316
6690.0	5.0	.9	42	242	200	0	88.2	85.9	2942	0	3323
6695.0	5.0	1.0	45	242	197	0	87.8	93.4	2936	0	3329
6700.0	5.0	1.0	46	242	196	0	88.4	90.8	2935	0	3331
6705.0	5.0	1.0	47	242	195	0	91.1	85.2	2971	0	3343
	3131										
6710.0	5.0	1.1	47	242	195	0	91.2	88.9	2949	0	3344
6715.0	5.0	1.1	40	237	198	0	90.9	91.7	2990	0	3346
6720.0	5.0	1.1	43	237	194	0	90.7	94.3	2999	0	3349
6725.0	5.0	1.3	45	237	192	0	91.2	87.3	2977	0	3343
6730.0	5.0	1.4	43	237	194	0	90.8	79.3	2950	0	3347
6735.0	5.0	1.4	42	237	195	0	90.6	93.1	2975	0	3350
6740.0	5.0	1.5	42	237	195	0	90.9	85.2	2970	0	3350

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	3160										
6745.0	5.0	1.6	43	240	196	0	90.4	93.5	2971	0	3348
6750.0	5.0	1.7	46	240	194	0	90.9	82.8	2986	0	3347
6755.0	5.0	1.8	46	240	194	0	90.2	91.8	2986	0	3348
6760.0	5.0	2.0	48	240	192	0	90.0	88.0	2994	0	3345
6765.0	5.0	2.2	44	240	196	0	88.9	95.6	3026	0	3348
6770.0	5.0	2.3	46	240	194	0	89.6	88.4	3031	0	3351
6775.0	5.0	2.4	48	242	193	0	88.3	91.9	3021	0	3355
6780.0	5.0	2.5	45	244	199	0	85.3	85.2	2970	0	3358
6785.0	5.0	2.5	47	244	197	0	84.8	90.9	2962	0	3362
6790.0	5.0	2.6	46	244	198	0	85.0	93.0	2969	0	3367
	3207										
6795.0	5.0	2.6	48	244	196	0	85.1	99.3	2991	0	3372
6800.0	5.0	2.6	48	244	195	0	85.0	98.6	2987	0	3376
6805.0	5.0	2.6	48	243	195	0	85.2	95.7	2982	0	3381
6810.0	5.0	2.7	40	242	202	0	89.7	99.7	2957	0	3383
6815.0	5.0	2.7	42	242	200	0	89.7	103.5	2974	0	3387
6820.0	5.0	2.9	46	242	196	0	88.9	86.8	2978	0	3390
6825.0	5.0	3.0	46	242	196	0	88.3	79.2	3000	0	3394
6830.0	5.0	3.0	45	242	197	0	88.7	83.1	3003	0	3396
6840.0	10.0	3.1	45	243	197	0	89.2	80.8	3037	0	3396
6845.0	5.0	3.1	46	244	197	0	90.4	83.7	3053	0	3398
	3251										
6850.0	5.0	3.2	48	244	196	0	90.1	85.9	3027	0	3403
6855.0	5.0	3.3	48	244	196	0	90.1	85.3	3028	0	3406
6860.0	5.0	3.4	48	244	196	0	90.2	96.4	3027	0	3408
6865.0	5.0	3.5	47	244	196	0	90.6	91.4	3010	0	3410
6870.0	5.0	3.5	45	244	199	0	89.8	93.5	2994	0	3411
6875.0	5.0	3.7	48	245	198	0	87.4	96.2	2990	0	3404
6880.0	5.0	3.8	47	245	198	0	85.7	97.5	3044	0	3404
6885.0	5.0	3.8	47	245	198	0	85.8	98.4	3052	0	3407
6890.0	5.0	4.0	45	245	200	0	85.6	99.2	3067	0	3409
6895.0	5.0	4.0	45	246	202	0	85.9	98.7	3084	0	3414
	3299										
6900.0	5.0	4.1	47	250	203	0	90.3	95.4	3091	0	3417
6905.0	5.0	4.2	51	250	199	0	90.2	93.3	3109	0	3421
6910.0	5.0	4.7	48	247	200	0	92.1	86.1	2982	0	3425
6915.0	5.0	5.1	43	243	200	0	91.7	92.8	2950	0	3428
6920.0	5.0	5.2	43	243	200	0	91.8	92.6	2951	0	3430
6935.0	15.0	5.5	51	247	195	0	88.5	98.9	3030	0	3438
6940.0	5.0	5.8	56	248	192	0	86.3	102.8	3073	0	3445
6945.0	5.0	5.9	50	243	193	0	86.5	102.6	3077	0	3448
6950.0	5.0	5.9	51	243	192	0	87.0	102.1	3054	0	3452
6965.0	15.0	6.0	50	243	193	0	88.0	97.0	2889	0	3459
	3351										
6970.0	5.0	6.2	49	243	194	0	89.9	96.6	3028	0	3468
6975.0	5.0	6.4	49	243	194	0	90.0	98.9	3056	0	3465
6980.0	5.0	6.6	52	243	191	0	89.8	99.1	3047	0	3458
6985.0	5.0	6.7	46	243	197	0	89.6	98.3	3047	0	3461
6990.0	5.0	6.8	47	243	196	0	89.3	98.4	3046	0	3463
6995.0	5.0	6.8	46	244	198	0	91.4	95.5	3043	0	3463
7000.0	5.0	6.8	49	244	195	0	94.7	90.0	3035	0	3467
7005.0	5.0	6.9	52	245	193	0	95.0	89.6	3025	0	3471
7010.0	5.0	7.0	54	245	191	0	95.4	88.6	3009	0	3476
7015.0	5.0	7.1	55	245	190	0	95.0	64.9	2993	0	3481
	3393										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	3393										
7020.0	5.0	7.2	55	245	190	0	94.1	76.4	3021	0	3482
7025.0	5.0	7.4	56	245	189	0	91.6	94.0	3074	0	3486
7030.0	5.0	7.5	53	245	192	0	90.2	94.5	3039	0	3489
7035.0	5.0	7.6	55	246	191	0	90.6	93.6	3058	0	3490
7040.0	5.0	7.9	55	246	191	0	90.1	93.0	3083	0	3491
7045.0	5.0	8.2	56	246	190	0	89.8	93.0	3097	0	3494
7050.0	5.0	8.4	55	246	191	0	89.2	97.5	3134	0	3490
7055.0	5.0	8.5	56	246	190	0	90.8	99.6	3105	0	3480
7060.0	5.0	8.7	53	246	193	0	93.7	93.9	3058	0	3452
7065.0	5.0	8.8	50	246	196	0	94.0	94.2	3084	0	3442
	3439										
7070.0	5.0	8.9	45	246	201	0	93.3	95.0	3087	0	3437
7075.0	5.0	9.0	55	246	191	0	90.2	97.3	3049	0	3430
7080.0	5.0	9.1	54	246	192	0	90.2	97.2	3046	0	3433
7085.0	5.0	9.1	54	246	192	0	90.3	96.7	3046	0	3438
7090.0	5.0	9.2	54	246	193	0	91.1	96.5	3061	0	3442
7095.0	5.0	9.2	57	246	189	0	92.7	94.8	3081	0	3445
7100.0	5.0	9.3	57	246	189	0	93.4	93.1	3049	0	3446
7105.0	5.0	9.5	59	246	187	0	94.1	93.9	3056	0	3450
7107.0	2.0	9.9	60	246	186	0	94.2	93.3	3048	0	3450
				NEW BIT ID:	7						
7115.0	.0	.1	45	253	208	0	84.6	80.9	2614	0	3474
	3482										
7120.0	5.0	.2	49	253	204	0	91.6	91.6	3023	0	3476
7125.0	5.0	.3	55	253	198	0	90.5	91.8	3015	0	3483
7130.0	5.0	.3	56	254	198	0	88.8	93.2	3026	0	3493
7135.0	5.0	.4	55	254	199	0	88.8	93.4	3019	0	3498
7140.0	5.0	.5	47	254	207	0	88.9	93.0	3014	0	3506
7145.0	5.0	.6	43	254	211	0	88.7	92.3	3008	0	3512
7150.0	5.0	.7	43	254	212	0	88.6	92.8	3007	0	3515
7155.0	5.0	.7	51	265	213	0	89.5	93.2	3048	0	3515
7160.0	5.0	.7	51	265	214	0	91.4	92.1	3058	0	3519
7165.0	5.0	.8	50	265	214	0	91.2	91.6	3047	0	3521
	3525										
7170.0	5.0	.8	52	265	213	0	91.3	91.8	3047	0	3542
7175.0	5.0	.9	53	265	211	0	91.1	91.5	3040	0	3527
7185.0	10.0	.9	49	264	216	0	90.7	91.5	3013	0	3532
7190.0	5.0	1.0	47	262	215	0	86.7	93.4	2993	0	3535
7195.0	5.0	1.0	48	262	214	0	84.9	97.1	3077	0	3537
7200.0	5.0	1.1	49	262	213	0	85.5	98.0	3081	0	3542
7205.0	5.0	1.1	48	262	214	0	85.6	97.2	3072	0	3547
7210.0	5.0	1.2	46	262	216	0	83.7	97.2	3011	0	3562
7215.0	5.0	1.2	44	263	219	0	83.0	97.2	3000	0	3553
7220.0	5.0	1.2	48	263	215	0	87.2	93.7	3056	0	3555
	3561										
7225.0	5.0	1.3	50	263	213	0	87.8	92.6	3015	0	3557
7230.0	5.0	1.5	48	263	216	0	88.5	88.9	2936	0	3554
7235.0	5.0	1.7	38	263	225	0	88.1	88.8	3008	0	3549
7240.0	5.0	1.8	36	263	227	0	88.0	88.8	3023	0	3553
7250.0	10.0	1.9	44	275	229	0	89.3	88.7	3056	0	3557
7255.0	5.0	2.2	61	285	224	0	88.8	89.8	3044	0	3561
7260.0	5.0	2.5	64	285	221	0	87.5	91.1	2975	0	3559

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
3600											
7265.0	5.0	2.5	59	285	226	0	86.8	91.3	2974	0	3562
7270.0	5.0	2.6	63	285	222	0	87.3	91.6	2977	0	3566
7275.0	5.0	2.7	51	285	234	0	109.1	68.8	1101	0	3570
7280.0	5.0	2.7	44	287	239	0	117.3	43.2	1134	0	3575
7285.0	5.0	2.7	47	283	236	0	117.5	34.5	1134	0	3577
7290.0	5.0	2.8	48	283	235	0	115.4	.0	1090	0	3582
7295.0	5.0	2.8	43	283	240	0	108.7	23.1	1579	0	3587
7300.0	5.0	2.9	47	283	236	0	89.0	89.6	2945	0	3591
7305.0	5.0	2.9	48	283	235	0	90.3	88.5	2943	0	3595
7310.0	5.0	3.0	47	285	237	0	90.3	88.2	2938	0	3600
3643											
7315.0	5.0	3.0	57	295	238	0	86.3	89.4	2849	0	3616
7320.0	5.0	3.0	53	283	233	0	87.6	92.1	2958	0	3628
7325.0	5.0	3.1	36	271	235	0	87.2	91.7	2961	0	3621
7330.0	5.0	3.1	32	271	239	0	87.5	92.0	2961	0	3633
7335.0	5.0	3.1	36	271	235	0	87.8	90.9	2933	0	3614
7340.0	5.0	3.2	34	271	237	0	87.6	90.9	2943	0	3615
7345.0	5.0	3.3	49	295	238	0	88.0	90.5	2965	0	3625
7350.0	5.0	3.6	50	295	243	0	89.2	89.3	2900	0	3614
7355.0	5.0	4.0	50	377	248	0	87.9	90.3	2952	0	3605
7360.0	5.0	4.3	50	389	243	0	86.4	94.0	3030	0	3599
3688											
7365.0	5.0	4.6	50	390	245	0	86.5	92.8	2998	0	3597
7375.0	10.0	4.7	47	294	247	0	88.1	92.1	3034	0	3605
7380.0	5.0	4.9	47	294	247	0	88.2	93.5	3091	0	3614
7385.0	5.0	5.1	52	297	245	0	84.7	95.9	3070	0	3623
7390.0	5.0	5.4	50	297	247	0	90.3	89.1	3026	0	3629
7395.0	5.0	5.4	49	297	248	0	91.6	87.0	3012	0	3631
7400.0	5.0	5.5	49	297	248	0	91.9	87.5	3014	0	3632
7405.0	5.0	5.6	50	304	250	0	91.3	87.7	3032	0	3631
7410.0	5.0	5.8	50	300	250	0	91.7	88.2	3045	0	3630
7415.0	5.0	5.9	49	300	251	0	91.8	88.2	3058	0	3632
3739											
7420.0	5.0	5.9	48	300	252	0	91.6	88.5	3062	0	3635
7425.0	5.0	6.0	51	300	249	0	91.7	87.9	3042	0	3637
7430.0	5.0	6.3	56	298	241	0	92.2	85.4	2950	0	3640
7435.0	5.0	6.8	56	300	244	0	91.6	88.0	2990	0	3639
-				NEW BIT ID:		8					
7440.0	5.0	.1	46	323	274	0	89.4	89.6	2998	0	3671
7445.0	5.0	.2	49	323	274	0	88.9	88.7	2973	0	3635
7450.0	5.0	.3	50	323	273	0	88.6	88.4	2957	0	3641
7455.0	5.0	.3	52	323	271	0	89.2	88.3	2956	0	3646
7460.0	5.0	.4	53	323	271	0	89.0	88.6	2944	0	3651
7465.0	5.0	.4	53	323	270	0	88.5	87.4	2941	0	3656
3791											
7470.0	5.0	.5	52	339	276	0	89.6	84.4	2898	0	3665
7475.0	5.0	.5	50	339	276	0	89.4	87.7	2964	0	3669
7480.0	5.0	.6	52	339	270	0	89.4	87.4	2969	0	3675
7485.0	5.0	.7	49	339	270	0	88.7	87.5	2956	0	3680
7490.0	5.0	.8	49	339	269	0	88.4	88.0	2946	0	3683
7495.0	5.0	1.0	50	339	271	0	88.3	88.4	2934	0	3683
7500.0	5.0	1.0	51	339	276	0	88.1	88.8	2910	0	3684
7505.0	5.0	1.1	50	339	272	0	88.6	89.4	2977	0	3684
7510.0	5.0	1.3	49	339	277	0	89.8	88.8	2944	0	3681
7515.0	5.0	1.6	44	339	295	0	90.1	86.9	2916	0	3678
3836											

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DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	3836										
7520.0	5.0	1.7	45	339	293	0	90.2	87.2	2890	0	3680
7525.0	5.0	1.8	45	339	294	0	89.8	88.0	2896	0	3680
7530.0	5.0	1.9	51	339	301	0	89.1	89.9	2927	0	3685
7535.0	5.0	1.9	47	333	299	0	93.0	91.1	2458	0	3688
7540.0	5.0	2.0	52	345	293	0	114.4	72.4	1030	0	3692
7545.0	5.0	2.1	51	345	294	0	114.9	12.7	1038	0	3697
7550.0	5.0	2.3	52	342	291	0	104.3	44.1	1898	0	3701
7555.0	5.0	2.4	-4	340	294	0	88.3	91.3	2874	0	3703
7560.0	5.0	2.6	48	340	292	0	88.6	91.5	2890	0	3714
7565.0	5.0	2.7	50	344	295	0	85.9	90.6	2829	0	3726
	3885										
7570.0	5.0	3.0	57	343	287	0	88.4	90.5	2902	0	3742
7575.0	5.0	3.4	48	336	291	0	88.7	90.2	2872	0	3749
7580.0	5.0	3.7	50	336	295	0	87.9	91.6	2903	0	3751
7585.0	5.0	4.1	49	336	292	0	89.3	91.1	2948	0	3754
7595.0	10.0	4.4	48	338	297	0	89.4	89.3	2944	0	3758
7600.0	5.0	4.6	52	340	298	0	89.2	90.5	2950	0	3761
7605.0	5.0	4.8	52	340	301	0	89.6	89.6	2909	0	3764
7610.0	5.0	5.2	51	343	292	0	89.4	89.9	2923	0	3766
7615.0	5.0	5.6	55	345	290	0	88.9	89.9	2928	0	3768
7625.0	10.0	5.8	53	345	292	0	89.0	87.7	2840	0	3772
	3932										
7630.0	5.0	6.0	53	345	292	0	83.8	90.2	2821	0	3776
7635.0	5.0	6.2	52	345	293	0	86.4	89.1	2860	0	3777
7640.0	5.0	6.3	49	345	296	0	87.9	88.9	2893	0	3779
7645.0	5.0	6.4	50	345	295	0	87.3	89.7	2919	0	3783
7650.0	5.0	6.6	54	345	291	0	86.7	90.7	2946	0	3786
7660.0	10.0	6.9	54	350	295	0	86.5	89.4	2930	0	3791
7665.0	5.0	7.3	54	354	300	0	86.5	89.4	2925	0	3795
7670.0	5.0	7.5	55	354	299	0	86.3	89.2	2912	0	3797
7675.0	5.0	7.6	59	354	295	0	86.1	88.8	2917	0	3800
7680.0	5.0	7.9	59	354	295	0	86.1	89.4	2915	0	3802
	3984										
7690.0	10.0	8.2	54	355	297	0	83.7	87.8	2816	0	3806
7695.0	5.0	8.4	53	369	300	0	88.0	89.2	2992	0	3809
7700.0	5.0	8.7	51	352	298	0	89.1	85.8	2930	0	3812
7705.0	5.0	9.1	50	348	298	0	88.2	86.6	2922	0	3814
7710.0	5.0	9.4	48	348	300	0	86.9	87.6	2886	0	3817
7715.0	5.0	9.6	46	348	302	0	84.9	92.6	2399	0	3820
7720.0	5.0	9.7	53	365	300	0	.0	115.0	1113	0	3823
7725.0	5.0	9.9	61	351	291	0	.0	117.7	1149	0	3825
7730.0	5.0	10.1	66	350	284	0	.0	117.8	1170	0	3828
7735.0	5.0	10.3	63	347	284	0	.0	119.1	1212	0	3830
	4032										
7740.0	5.0	10.6	62	347	285	0	48.3	97.8	2074	0	3831
7745.0	5.0	10.9	60	347	287	0	91.7	82.9	2923	0	3833
7750.0	5.0	11.1	65	347	282	0	87.6	88.0	2951	0	3836
7755.0	5.0	11.3	65	357	282	0	84.3	92.1	2954	0	3837
7760.0	5.0	11.5	68	347	279	0	84.7	90.6	2924	0	3839
7765.0	5.0	11.6	67	347	280	0	84.8	91.6	2929	0	3841
7770.0	5.0	11.8	63	347	284	0	85.0	90.6	2923	0	3844
7775.0	5.0	12.1	61	288	238	0	84.8	90.9	2903	0	3847
7780.0	5.0	12.3	57	246	189	0	84.6	91.2	2919	0	3848
7785.0	5.0	12.6	60	248	188	0	87.5	88.3	2950	0	3849
	4081										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	4081										
7790.0	5.0	13.0	61	248	187	0	89.3	87.3	2943	0	3852
7795.0	5.0	13.2	62	248	186	0	88.8	87.5	2952	0	3854
7800.0	5.0	13.3	62	248	186	0	88.7	88.0	2964	0	3857
7805.0	5.0	13.5	59	248	189	0	88.5	87.3	2974	0	3859
7810.0	5.0	13.7	60	248	188	0	88.2	86.8	3007	0	3870
7815.0	5.0	13.9	60	249	189	0	92.8	68.4	2615	0	3889
7820.0	5.0	14.3	65	253	188	0	108.4	5.5	1175	0	3911
7825.0	5.0	14.6	65	253	188	0	100.5	18.8	1666	0	3916
7830.0	5.0	14.8	64	253	189	0	92.3	78.3	2856	0	3927
7835.0	5.0	15.1	65	253	188	0	113.8	.0	1184	0	3942
	4130										
7840.0	5.0	15.4	65	253	188	0	117.5	.0	1245	0	3961
7845.0	5.0	15.6	64	252	189	0	118.7	.0	1247	0	3989
7850.0	5.0	15.8	61	250	189	0	114.1	.0	1141	0	4017
7855.0	5.0	16.0	60	250	190	0	89.8	80.6	3018	0	4046
7860.0	5.0	16.2	58	250	192	0	89.6	81.7	3018	0	4074
7865.0	5.0	16.3	56	250	194	0	89.1	81.6	3005	0	4089
7870.0	5.0	16.5	58	250	192	0	88.6	81.3	2990	0	4103
7875.0	5.0	16.8	59	251	191	0	87.8	82.2	3010	0	4111
7880.0	5.0	17.1	59	252	193	0	87.8	84.3	3063	0	4114
7885.0	5.0	17.3	57	252	195	0	88.7	80.8	2980	0	4116
	4179										
7890.0	5.0	17.4	61	252	191	0	88.4	80.0	2956	0	4118
7895.0	5.0	17.5	61	252	191	0	88.2	79.7	2936	0	4122
7900.0	5.0	17.6	59	252	193	0	88.4	79.2	2921	0	4126
7910.0	10.0	17.7	61	253	191	0	86.7	82.2	2970	0	4131
7915.0	5.0	17.9	59	253	194	0	86.0	84.3	3003	0	4137
7920.0	5.0	18.0	62	253	191	0	87.2	83.8	2976	0	4141
7925.0	5.0	18.1	62	253	191	0	87.4	83.8	2957	0	4145
7930.0	5.0	18.2	62	253	191	0	87.0	83.6	2954	0	4149
7935.0	5.0	18.3	60	253	193	0	87.1	84.2	2952	0	4152
7940.0	5.0	18.4	62	253	191	0	85.7	79.8	2953	0	4152
	4230										
7945.0	5.0	18.5	59	253	194	0	85.8	75.6	2936	0	4153
7950.0	5.0	18.6	57	253	195	0	86.5	73.6	2909	0	4155
7955.0	5.0	18.7	60	253	193	0	86.7	73.4	2905	0	4157
7960.0	5.0	18.8	60	253	193	0	87.1	73.7	2919	0	4159
7965.0	5.0	18.9	59	253	194	0	86.5	74.6	2942	0	4161
7970.0	5.0	19.0	57	255	196	0	85.9	75.0	2948	0	4163
7975.0	5.0	19.1	65	260	196	0	88.2	74.2	2984	0	4165
7980.0	5.0	19.3	63	260	198	0	88.6	72.9	2961	0	4164
7985.0	5.0	19.4	66	260	195	0	88.6	73.5	2961	0	4166
7990.0	5.0	19.5	65	260	195	0	88.0	73.6	2969	0	4169
	4278										
7995.0	5.0	19.6	66	260	194	0	88.0	74.4	2980	0	4172
7996.0	1.0	20.1	68	260	192	0	89.1	75.6	2990	0	4169
				NEW BIT ID:	9						
8000.0	.0	.1	41	250	209	0	93.3	79.2	3105	0	4156
8005.0	5.0	.1	36	242	208	0	92.8	80.1	3125	0	4159
8010.0	5.0	.4	55	241	186	0	92.3	80.4	3112	0	4153
8015.0	5.0	.7	60	240	180	0	92.8	77.2	2975	0	4139
8020.0	5.0	1.0	59	240	181	0	91.2	81.0	3040	0	4131

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
4310											
8025.0	5.0	1.4	58	240	182	0	86.5	86.7	3082	0	4131
8030.0	5.0	1.6	58	240	182	0	86.9	83.4	2997	0	4134
8035.0	5.0	2.0	58	240	182	0	87.7	82.7	3033	0	4136
8040.0	5.0	2.3	63	252	186	0	90.8	80.7	3026	0	4139
8045.0	5.0	2.5	59	252	193	0	89.5	85.7	3156	0	4142
8050.0	5.0	2.7	64	252	188	0	89.6	86.7	3211	0	4147
8055.0	5.0	2.9	63	252	189	0	90.0	81.1	3090	0	4152
8060.0	5.0	3.1	63	252	189	0	90.7	78.5	3031	0	4157
8065.0	5.0	3.3	64	252	188	0	91.0	77.8	3006	0	4159
8070.0	5.0	3.6	62	250	189	0	88.3	82.7	3116	0	4159
4360											
8075.0	5.0	3.9	62	252	191	0	86.4	83.8	3077	0	4160
8080.0	5.0	4.2	61	252	191	0	85.3	84.3	3053	0	4163
8085.0	5.0	4.6	61	252	191	0	85.2	83.5	3041	0	4165
8090.0	5.0	4.9	61	252	192	0	71.2	88.9	2214	0	4168
8095.0	5.0	5.2	60	252	192	0	84.6	83.7	3063	0	4170
8100.0	5.0	5.4	58	252	193	0	85.2	81.7	3032	0	4173
8105.0	5.0	5.7	60	252	192	0	86.2	80.7	2983	0	4176
8110.0	5.0	6.0	58	252	194	0	86.4	80.2	2993	0	4181
8115.0	5.0	6.3	59	252	193	0	86.8	80.3	3004	0	4201
8120.0	5.0	6.6	59	252	193	0	86.2	82.4	3055	0	4215
4410											
8130.0	10.0	6.8	56	254	198	0	84.7	86.0	3126	0	4230
8135.0	5.0	6.9	54	257	203	0	82.1	84.5	2979	0	4236
8140.0	5.0	7.1	58	257	199	0	77.6	88.0	2955	0	4239
8145.0	5.0	7.3	57	257	200	0	80.4	85.5	2986	0	4241
8150.0	5.0	7.4	57	257	200	0	83.6	83.2	2989	0	4244
8155.0	5.0	7.6	56	257	201	0	83.4	82.7	2961	0	4247
8160.0	5.0	7.7	51	253	205	0	81.9	80.2	2845	0	4250
8165.0	5.0	7.8	52	253	201	0	81.0	82.4	2937	0	4252
8170.0	5.0	7.9	53	253	200	0	83.8	82.8	3032	0	4254
8175.0	5.0	8.1	53	253	200	0	84.4	82.1	3025	0	4257
4459											
8180.0	5.0	8.2	53	253	200	0	84.0	81.6	3009	0	4260
8185.0	5.0	8.4	50	253	203	0	84.4	81.7	3001	0	4262
8190.0	5.0	8.5	49	253	205	0	84.3	81.9	2998	0	4265
8195.0	5.0	8.7	57	259	202	0	81.5	82.7	2935	0	4267
8200.0	5.0	9.0	59	261	202	0	83.0	82.3	2939	0	4270
8205.0	5.0	9.4	61	261	200	0	82.9	82.1	2932	0	4273
8210.0	5.0	9.9	60	261	201	0	83.1	82.7	2920	0	4275
8215.0	5.0	10.2	60	261	201	0	82.6	82.9	2902	0	4278
8220.0	5.0	10.4	61	261	200	0	82.5	83.2	2904	0	4280
8225.0	5.0	10.7	59	258	199	0	82.7	83.6	2952	0	4321
4510											
8230.0	5.0	11.0	55	253	198	0	81.1	85.4	2960	0	4286
8235.0	5.0	11.3	54	253	200	0	80.9	84.8	2903	0	4288
8240.0	5.0	11.5	54	253	199	0	81.6	85.0	2966	0	4291
8245.0	5.0	11.6	53	253	200	0	82.1	84.0	2949	0	4293
8250.0	5.0	11.7	53	253	201	0	81.8	83.9	2930	0	4296
8255.0	5.0	11.9	50	253	202	0	80.6	84.6	2893	0	4299
8260.0	5.0	12.2	53	251	198	0	80.5	84.9	2914	0	4301
8265.0	5.0	12.6	54	251	197	0	85.0	82.5	2965	0	4304
8270.0	5.0	13.0	49	251	202	0	84.0	82.9	2928	0	4306
8275.0	5.0	13.2	52	251	199	0	82.9	83.1	2893	0	4309
4560											

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	4560										
8280.0	5.0	13.4	53	251	198	0	82.0	84.1	2895	0	4312
8285.0	5.0	13.8	52	251	198	0	79.9	86.1	2892	0	4314
8290.0	5.0	14.2	43	235	192	0	79.9	88.7	2957	0	4317
8295.0	5.0	14.5	57	235	177	0	85.2	84.5	2968	0	4319
8300.0	5.0	14.8	56	235	178	0	82.4	84.8	2872	0	4322
8305.0	5.0	15.2	56	235	179	0	83.6	83.2	2833	0	4325
8310.0	5.0	15.6	55	235	179	0	86.9	74.0	2775	0	4327
8320.0	10.0	16.0	52	232	180	0	80.6	87.8	2974	0	4332
8325.0	5.0	16.2	49	231	183	0	84.4	85.6	2929	0	4335
8330.0	5.0	16.3	48	231	183	0	84.0	85.6	2927	0	4338
	4611										
8335.0	5.0	16.6	56	231	175	0	84.5	83.4	2895	0	4338
8340.0	5.0	17.0	62	231	169	0	84.0	82.2	2865	0	4337
8345.0	5.0	17.3	58	229	173	0	83.1	85.0	2917	0	4338
8350.0	5.0	17.6	48	221	173	0	79.7	86.0	2875	0	4340
8355.0	5.0	18.0	49	221	173	0	87.2	88.9	2965	0	4343
8360.0	5.0	18.2	49	221	173	0	90.2	88.5	2989	0	4346
8365.0	5.0	18.6	50	221	171	0	89.5	90.2	2921	0	4348
8370.0	5.0	19.1	50	221	172	0	88.3	90.7	2911	0	4351
8373.0	3.0	19.4	49	221	173	0	87.4	90.5	2876	0	4353
				NEW BIT ID:	10						
8380.0	.0	.7	41	217	175	0	81.7	84.0	2907	0	4310
	4663										
8385.0	5.0	1.0	45	212	176	0	82.0	85.2	2861	0	4313
8390.0	5.0	1.2	44	224	180	0	81.5	82.8	2839	0	4315
8395.0	5.0	1.3	42	224	182	0	82.0	82.0	2812	0	4321
8400.0	5.0	1.4	44	224	180	0	80.5	86.0	2860	0	4325
8405.0	5.0	1.5	42	228	185	0	84.9	81.7	2899	0	4324
8410.0	5.0	1.6	46	234	188	0	85.0	82.5	2919	0	4329
8415.0	5.0	1.7	45	234	188	0	82.0	84.7	2908	0	4334
8420.0	5.0	1.8	47	234	187	0	83.1	84.4	1281	0	4338
8425.0	5.0	1.9	48	234	186	0	83.8	83.5	2931	0	4344
8430.0	5.0	2.0	48	234	186	0	84.1	82.5	2908	0	4349
	4712										
8435.0	5.0	2.2	47	234	187	0	83.8	82.3	2894	0	4350
8440.0	5.0	2.4	48	234	186	0	83.2	82.4	2882	0	4354
8445.0	5.0	2.5	47	234	187	0	80.1	85.1	2868	0	4358
8450.0	5.0	2.8	50	234	184	0	82.9	83.9	2901	0	4357
8455.0	5.0	3.2	49	234	185	0	82.3	86.7	2965	0	4360
8460.0	5.0	3.5	50	234	184	0	81.7	86.3	2945	0	4363
8465.0	5.0	3.9	50	234	184	0	81.0	85.5	2866	0	4365
8470.0	5.0	4.0	48	234	186	0	81.3	85.0	2861	0	4365
8475.0	5.0	4.1	48	234	186	0	84.9	83.7	2916	0	4365
8480.0	5.0	4.4	48	234	186	0	88.7	79.5	2949	0	4392
	4761										
8485.0	5.0	4.7	48	234	186	0	85.2	85.8	2876	0	4404
8490.0	5.0	4.8	47	234	187	0	85.0	83.9	2978	0	4411
8505.0	15.0	5.0	46	232	187	0	84.6	80.4	2843	0	4422
8510.0	5.0	5.6	41	227	185	0	88.5	77.5	2905	0	4439
8515.0	5.0	5.7	39	227	188	0	87.4	79.4	2916	0	4442
8520.0	5.0	6.2	42	227	185	0	86.2	79.7	2879	0	4445
8525.0	5.0	6.6	42	227	185	0	85.3	79.2	2814	0	4448

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	4795										
8530.0	5.0	7.1	42	227	184	0	84.3	78.2	2761	0	4450
8535.0	5.0	7.7	43	227	184	0	83.2	82.4	2846	0	4453
8540.0	5.0	8.1	41	229	187	0	80.8	83.4	2675	0	4455
8545.0	5.0	8.5	41	229	187	0	81.8	84.6	2879	0	4458
8550.0	5.0	8.9	41	229	188	0	82.4	81.2	2812	0	4461
8555.0	5.0	9.3	40	229	188	0	82.6	80.3	2791	0	4463
8560.0	5.0	9.8	41	229	187	0	81.9	82.4	2847	0	4466
8565.0	5.0	10.3	39	229	189	0	81.4	84.6	2910	0	4468
8570.0	5.0	10.5	39	229	190	0	80.7	85.1	2892	0	4471
8575.0	5.0	10.7	43	233	189	0	81.5	83.9	2870	0	4474
	4845										
8580.0	5.0	10.9	47	235	188	0	82.7	82.8	2887	0	4476
8585.0	5.0	11.1	46	235	189	0	82.8	83.3	2882	0	4479
8590.0	5.0	11.2	47	235	188	0	82.5	83.8	2881	0	4482
8595.0	5.0	11.5	49	235	186	0	83.9	85.0	2880	0	4484
8600.0	5.0	11.7	47	235	188	0	83.9	85.1	2880	0	4487
8605.0	5.0	11.9	45	234	190	0	85.4	84.9	2753	0	4489
8610.0	5.0	12.3	37	227	189	0	83.7	85.5	2874	0	4492
8615.0	5.0	12.8	38	227	189	0	83.9	83.8	2863	0	4495
8620.0	5.0	13.3	38	227	189	0	83.9	83.5	2828	0	4497
8625.0	5.0	13.6	36	227	190	0	84.3	84.9	2876	0	4500
	4895										
8630.0	5.0	14.0	38	124	86	0	83.2	83.3	2892	0	4502
8635.0	5.0	14.5	46	231	184	0	77.9	81.9	2831	0	4505
8640.0	5.0	15.0	47	231	184	0	77.1	82.1	2861	0	4508
8645.0	5.0	15.4	47	231	184	0	77.3	81.9	2840	0	4510
8650.0	5.0	15.8	45	231	186	0	77.0	81.6	2842	0	4513
8655.0	5.0	16.0	46	231	185	0	77.1	81.8	2875	0	4515
8660.0	5.0	16.2	46	230	184	0	76.5	81.4	2874	0	4518
8665.0	5.0	16.5	46	230	184	0	76.6	80.6	2815	0	4521
8670.0	5.0	16.7	44	230	186	0	76.0	80.7	2804	0	4523
8675.0	5.0	16.8	45	230	185	0	75.5	81.0	2787	0	4526
	4945										
8680.0	5.0	17.0	47	230	183	0	74.6	81.0	2779	0	4528
8685.0	5.0	17.1	46	230	184	0	73.8	81.0	2773	0	4531
8690.0	5.0	17.2	46	231	184	0	73.6	81.1	2775	0	4534
8695.0	5.0	17.4	53	236	183	0	77.2	78.3	2815	0	4536
8700.0	5.0	17.7	55	236	181	0	77.8	78.5	2786	0	4539
8705.0	5.0	18.1	53	236	182	0	77.6	78.5	2766	0	4542
8710.0	5.0	18.4	56	236	180	0	77.0	78.4	2773	0	4544
8715.0	5.0	18.8	54	236	181	0	80.9	82.4	2746	0	4547
8720.0	5.0	19.1	54	236	181	0	80.5	82.9	2711	0	4549
8725.0	5.0	19.3	53	235	183	0	80.3	83.0	2722	0	4552
	4994										
8730.0	5.0	19.5	51	234	183	0	81.7	84.7	2838	0	4555
8735.0	5.0	19.7	50	234	185	0	80.9	84.9	2833	0	4557
8740.0	5.0	19.8	50	234	185	0	78.6	85.9	2747	0	4560
8745.0	5.0	20.1	51	234	183	0	80.0	87.0	2880	0	4562
8750.0	5.0	20.4	49	234	185	0	79.4	87.2	2869	0	4565
8755.0	5.0	20.6	49	234	185	0	79.0	86.9	2859	0	4568
8760.0	5.0	20.7	47	233	186	0	83.0	84.7	2923	0	4570
8765.0	5.0	20.9	48	233	186	0	83.6	84.0	2923	0	4573
8770.0	5.0	21.1	48	233	185	0	83.2	84.3	2915	0	4575
8775.0	5.0	21.3	48	233	185	0	83.2	84.4	2908	0	4578
	5044										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	5044										
8780.0	5.0	21.6	50	233	183	0	83.1	84.5	2919	0	4581
8785.0	5.0	21.9	50	234	183	0	83.6	83.8	2923	0	4583
8790.0	5.0	22.2	54	236	183	0	80.0	85.2	2861	0	4586
8795.0	5.0	22.6	53	236	183	0	79.2	85.6	2837	0	4589
8800.0	5.0	22.7	49	236	187	0	81.9	86.4	2901	0	4591
8805.0	5.0	22.8	41	236	195	0	87.3	89.5	2909	0	4593
8810.0	5.0	23.0	41	236	195	0	87.6	88.6	2878	0	4594
8815.0	5.0	23.1	42	235	193	0	86.7	88.7	2871	0	4595
8820.0	5.0	23.2	41	234	193	0	84.9	91.0	2890	0	4596
8825.0	5.0	23.4	40	234	194	0	86.1	90.2	2905	0	4596
	5093										
8830.0	5.0	23.7	41	234	193	0	85.1	90.7	2856	0	4597
8835.0	5.0	23.9	38	234	196	0	86.0	90.7	2867	0	4600
8840.0	5.0	24.0	39	234	195	0	87.2	90.2	2894	0	4603
8850.0	10.0	24.1	43	235	191	0	87.1	88.3	2855	0	4609
8855.0	5.0	24.4	46	240	194	0	89.0	88.1	2884	0	4614
8860.0	5.0	24.5	46	240	194	0	89.0	87.0	2905	0	4616
8865.0	5.0	24.6	46	240	194	0	87.3	85.3	2901	0	4621
8870.0	5.0	24.7	44	240	196	0	87.8	85.3	2886	0	4625
8875.0	5.0	24.9	45	240	195	0	87.8	85.4	2895	0	4625
8885.0	10.0	25.1	40	235	195	0	88.2	84.3	2889	0	4630
	5140										
8890.0	5.0	25.3	35	233	197	0	89.4	83.5	2901	0	4633
8895.0	5.0	25.5	40	233	192	0	88.9	83.8	2885	0	4634
8900.0	5.0	25.9	39	233	194	0	87.1	86.5	2890	0	4635
8905.0	5.0	26.2	40	233	193	0	85.1	86.8	2862	0	4637
8910.0	5.0	26.5	40	233	193	0	85.3	86.6	2862	0	4640
8925.0	15.0	27.0	41	238	197	0	83.6	83.9	2847	0	4645
8930.0	5.0	27.5	43	242	199	0	82.4	80.4	2863	0	4650
8935.0	5.0	27.7	43	242	199	0	81.5	78.1	2885	0	4654
8940.0	5.0	28.2	43	242	199	0	83.9	83.8	2895	0	4668

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DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	64										
				NEW BIT ID:		11					
8945.0	.0	.1	23	232	209	0	81.7	84.2	3158	0	4683
8950.0	5.0	.4	28	232	204	0	79.8	79.4	2859	0	4700
8955.0	5.0	.8	36	236	199	0	75.6	73.6	2502	0	4728
8960.0	5.0	1.0	43	242	199	0	75.1	73.0	2492	0	4744
8965.0	5.0	1.2	45	242	197	0	75.1	73.1	2471	0	4758
8970.0	5.0	1.4	46	243	197	0	75.0	72.7	2447	0	4765
8980.0	10.0	1.5	42	122	99	0	77.1	76.1	2575	0	4763
8985.0	5.0	2.2	44	0	0	0	80.0	80.0	2750	0	4761
8990.0	5.0	2.6	44	0	0	0	80.0	80.0	2750	0	4764
8995.0	5.0	3.2	47	0	0	0	95.0	49.0	1366	0	4766
	102										
9000.0	5.0	4.0	47	0	0	0	106.0	29.0	1660	0	4769
9005.0	5.0	4.6	42	0	0	0	113.0	67.0	1341	0	4772
9010.0	5.0	4.9	38	0	0	0	116.0	.0	1364	0	4774
9015.0	5.0	5.6	39	0	0	0	107.0	24.0	1648	0	4777
9020.0	5.0	6.1	39	0	0	0	80.0	81.0	2868	0	4780
9025.0	5.0	6.3	38	0	0	0	80.0	81.0	2868	0	4782
9030.0	5.0	6.7	38	0	0	0	80.0	81.0	2868	0	4785
9035.0	5.0	6.8	38	0	0	0	80.0	81.0	2868	0	4790
9040.0	5.0	7.0	39	0	0	0	80.0	81.0	2868	0	4798
9045.0	5.0	7.4	41	0	0	0	80.0	81.0	2868	0	4803
	112										
9050.0	5.0	8.0	42	0	0	0	80.0	81.0	2868	0	4800
9055.0	5.0	8.5	43	0	0	0	80.0	84.0	2867	0	4803
9060.0	5.0	9.2	41	0	0	0	80.0	84.0	2867	0	4806
9065.0	5.0	9.3	39	0	0	0	80.0	84.0	2867	0	4808
9070.0	5.0	9.5	37	0	0	0	75.0	84.0	2850	0	4811
9075.0	5.0	10.0	39	0	0	0	75.0	84.0	2850	0	4814
9080.0	5.0	10.6	39	0	0	0	75.0	84.0	2850	0	4816
9085.0	5.0	10.9	37	0	0	0	75.0	84.0	2850	0	4819
9090.0	5.0	11.3	40	0	0	0	75.0	84.0	2850	0	4822
9095.0	5.0	11.9	40	0	0	0	75.0	84.0	2850	0	4824
	122										
9100.0	5.0	12.5	40	0	0	0	75.0	84.0	2850	0	4827
9105.0	5.0	13.2	42	0	0	0	75.0	84.0	2850	0	4830
9110.0	5.0	13.4	42	0	0	0	75.0	84.0	2850	0	4832
9115.0	5.0	14.0	39	0	0	0	75.0	84.0	2850	0	4835
9120.0	5.0	14.5	37	0	0	0	75.0	84.0	2850	0	4838
9125.0	5.0	15.0	40	0	0	0	75.0	84.0	2850	0	4840
9130.0	5.0	15.4	41	0	0	0	75.0	84.0	2850	0	4843
9135.0	5.0	15.9	44	0	0	0	75.0	84.0	2850	0	4846
9140.0	5.0	16.2	42	0	0	0	75.0	84.0	2850	0	4848
9145.0	5.0	16.4	39	0	0	0	75.0	84.0	2850	0	4851
	132										
9150.0	5.0	16.5	42	0	0	0	75.0	84.0	2850	0	4853
9155.0	5.0	16.6	41	0	0	0	75.0	84.0	2850	0	4856
9160.0	5.0	16.7	40	0	0	0	75.0	84.0	2850	0	4859
9165.0	5.0	16.8	46	0	0	0	75.0	84.0	2850	0	4861
9170.0	5.0	16.9	44	0	0	0	75.0	84.0	2850	0	4864
9175.0	5.0	17.0	43	0	0	0	75.0	84.0	2850	0	4867
9180.0	5.0	17.5	50	0	0	0	75.0	84.0	2850	0	4893

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	139										
9185.0	5.0	17.7	45	0	0	0	75.0	84.0	2850	0	4903
9190.0	5.0	17.8	45	0	0	0	75.0	84.0	2850	0	4913
9195.0	5.0	18.3	46	0	0	0	75.0	84.0	2850	0	4925
9200.0	5.0	18.6	48	0	0	0	75.0	84.0	2850	0	4944
9205.0	5.0	19.0	46	0	0	0	75.0	84.0	2850	0	4969
9210.0	5.0	19.6	47	0	0	0	75.0	84.0	2850	0	4983
9215.0	5.0	20.2	48	0	0	0	75.0	84.0	2850	0	4986
9220.0	5.0	20.6	45	0	0	0	75.0	84.0	2850	0	4988
9225.0	5.0	20.8	42	0	0	0	75.0	84.0	2850	0	5000
9230.0	5.0	21.2	36	0	0	0	75.0	84.0	2850	0	5024
	149										
9235.0	5.0	21.5	38	0	0	0	75.0	84.0	2850	0	5045
9240.0	5.0	22.0	41	0	0	0	75.0	84.0	2850	0	5056
9245.0	5.0	22.2	37	0	0	0	75.0	84.0	2850	0	5058
9250.0	5.0	22.2	35	0	0	0	75.0	84.0	2850	0	5061
9255.0	5.0	22.4	42	0	0	0	75.0	84.0	2850	0	5064
9260.0	5.0	22.7	40	0	0	0	75.0	84.0	2850	0	5067
9265.0	5.0	23.3	40	0	0	0	75.0	84.0	2850	0	5069
9270.0	5.0	23.7	39	0	0	0	75.0	84.0	2850	0	5072
9275.0	5.0	24.2	39	0	0	0	75.0	84.0	2850	0	5075
9280.0	5.0	24.7	39	0	0	0	75.0	84.0	2850	0	5077
	159										
9285.0	5.0	25.0	33	0	0	0	75.0	84.0	2850	0	5080
9290.0	5.0	25.2	33	0	0	0	75.0	84.0	2850	0	5083
9295.0	5.0	25.4	33	0	0	0	75.0	84.0	2850	0	5086
9300.0	5.0	25.7	33	0	0	0	75.0	84.0	2850	0	5088
9305.0	5.0	25.9	31	0	0	0	74.0	77.0	2850	0	5091
9310.0	5.0	26.1	34	0	0	0	74.0	77.0	2850	0	5094
9315.0	5.0	26.5	33	0	0	0	74.0	77.0	2850	0	5097
9320.0	5.0	27.2	36	0	0	0	74.0	77.0	2850	0	5099
9325.0	5.0	27.5	37	0	0	0	74.0	77.0	2850	0	5102
NEW BIT ID: -1											
9330.0	5.0	.1	18	230	212	0	60.5	.0	854	0	4815
	177										
9335.0	5.0	.6	22	240	218	0	65.2	.0	1031	0	5091
9340.0	5.0	1.1	25	240	215	0	63.9	.0	1027	0	5094
9345.0	5.0	1.5	24	240	216	0	63.1	.0	994	0	5098
9350.0	5.0	2.0	26	240	214	0	64.6	.0	1031	0	5109
9355.0	5.0	2.5	24	240	216	0	64.9	.0	1045	0	5116
9360.0	5.0	3.1	22	240	218	0	65.0	.0	1040	0	5105
9365.0	5.0	3.3	22	240	218	0	65.0	.0	1040	0	5108
9366.0	1.0	3.4	22	240	218	0	65.0	.0	1040	.0	5111
NEW BIT ID: 12											
9370.0	.0	.1	57	256	199	0	76.4	81.5	3023	0	5110
9375.0	5.0	.5	59	256	197	0	78.3	81.0	3052	0	5112
	223										
9380.0	5.0	.9	59	256	197	0	78.9	81.4	3063	0	5115
9385.0	5.0	1.5	58	254	196	0	79.5	80.1	3043	0	5118
9390.0	5.0	1.9	55	254	198	0	81.0	79.3	3050	0	5121
9395.0	5.0	2.2	51	254	202	0	79.4	76.5	2917	0	5123
9400.0	5.0	2.6	51	254	202	0	78.2	76.7	2946	0	5126
9405.0	5.0	2.8	53	254	200	0	78.4	76.7	2936	0	5131
9412.0	7.0	3.2	50	254	204	0	78.2	76.8	2929	0	5145

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	261										
9415.0	.0	.3	29	244	211	0	65.9	82.2	2921	0	5096
9420.0	5.0	.8	40	244	205	0	68.6	80.2	3022	0	5123
9425.0	5.0	1.4	41	244	203	0	67.2	77.3	2979	0	5141
9430.0	5.0	1.6	37	244	208	0	66.4	77.0	2952	0	1867
9435.0	5.0	1.9	38	244	207	0	65.9	77.1	2929	0	5147
9450.0	15.0	2.3	42	208	208	0	68.9	77.7	3006	0	5153
9455.0	5.0	2.6	37	182	208	0	73.4	74.5	2998	0	5158
9460.0	5.0	2.8	37	182	208	0	72.2	72.6	2862	0	5169
9465.0	5.0	3.1	37	182	210	0	72.1	73.0	2885	0	5193
9470.0	5.0	3.2	37	182	208	0	71.8	72.7	2928	0	5217
	311										
9480.0	10.0	3.7	37	198	208	0	69.9	76.0	2983	0	5270
9485.0	5.0	4.0	38	202	208	0	70.2	76.1	2969	0	5284
9490.0	5.0	4.2	39	202	208	0	70.2	76.3	2974	0	5287
9495.0	5.0	4.4	40	202	209	0	70.5	76.8	2978	0	5290
9500.0	5.0	4.6	40	202	208	0	69.8	76.0	3009	0	5293
9510.0	10.0	5.1	40	197	209	0	100.0	23.4	1775	0	5297
9515.0	5.0	5.7	40	194	209	0	114.6	.0	1802	0	5301
9520.0	5.0	6.0	40	194	210	0	108.1	.4	1717	0	5304
9525.0	5.0	6.4	40	194	210	0	81.0	27.4	1596	0	5307
9530.0	5.0	7.0	38	194	212	0	15.7	99.1	1452	0	5309
	365										
9540.0	10.0	7.9	37	197	208	0	32.7	97.3	2366	0	5316
9545.0	5.0	8.8	37	199	207	0	71.1	72.9	2979	0	5339
9550.0	5.0	9.2	37	199	208	0	70.7	72.9	2913	0	5357
9555.0	5.0	9.6	37	199	207	0	70.9	73.3	2898	0	5362
9560.0	5.0	10.0	37	199	206	0	70.9	73.1	2904	0	5365
9563.0	3.0	10.1	37	199	210	0	71.0	72.2	2896	0	5367
				NEW BIT ID:	-2						
9565.0	.0	.1	20	250	230	0	68.0	.0	780	0	5466
9570.0	5.0	.4	23	250	226	0	65.8	.0	1079	0	5468
9575.0	5.0	.9	27	250	223	0	66.6	.0	1189	0	5471
9580.0	5.0	1.2	25	250	225	0	66.8	.0	1230	0	5475
	415										
9585.0	5.0	1.6	27	250	223	0	66.0	.0	1194	0	5480
9590.0	5.0	1.9	27	250	223	0	65.8	.0	1223	0	5485
9595.0	5.0	2.4	27	250	223	0	67.2	.0	1277	0	5489
9600.0	5.0	2.9	25	250	225	0	65.8	.0	1210	0	5494
9605.0	5.0	3.2	24	250	226	0	67.0	.0	1220	0	5498
9607.0	2.0	3.7	24	250	227	0	67.0	.0	1198	0	5499
				NEW BIT ID:	14						
9610.0	.0	.2	43	254	211	0	73.4	76.4	3021	0	5491
9615.0	5.0	.4	42	254	212	0	73.6	76.1	3018	0	5493
9620.0	5.0	.5	43	254	211	0	73.8	75.5	3013	0	5496
9625.0	5.0	1.0	44	254	210	0	75.8	74.8	3043	0	5499
	464										
9630.0	5.0	1.8	43	254	211	0	76.4	73.7	3045	0	5502
9635.0	5.0	2.5	46	254	208	0	76.1	73.9	3025	0	5505
9640.0	5.0	2.9	47	254	207	0	75.7	73.6	3032	0	5508
9645.0	5.0	3.5	47	254	207	0	75.7	73.2	3038	0	5510

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	483										
9650.0	5.0	4.0	47	254	207	0	75.9	73.7	3024	0	5513
9655.0	5.0	4.7	47	254	207	0	75.9	73.3	3025	-1637	5516
9665.0	10.0	5.5	49	257	207	0	51.7	92.5	2294	0	5520
9670.0	5.0	6.3	50	259	209	0	68.0	79.2	2957	0	5526
9675.0	5.0	7.0	49	259	210	0	67.6	79.5	2921	0	5548
9680.0	5.0	7.2	48	259	211	0	68.3	79.6	2926	0	5563
9685.0	5.0	7.9	50	259	209	0	93.5	58.7	2020	0	5580
9690.0	5.0	8.6	50	259	209	0	72.4	77.3	3000	0	5597
9695.0	5.0	9.0	49	259	210	0	71.7	77.6	2994	0	5619
9700.0	5.0	9.4	46	256	211	0	69.7	79.0	3049	0	5645
	534										
9705.0	5.0	9.6	43	256	213	0	68.6	76.0	2911	0	5661
9710.0	5.0	9.8	43	256	213	0	69.0	75.9	2910	0	5674
9715.0	5.0	10.1	44	256	211	0	68.4	75.5	2887	0	5691
9720.0	5.0	10.3	45	256	211	0	68.4	75.5	2868	0	5703
9730.0	10.0	10.7	46	259	212	0	68.9	76.5	2918	0	5743
9735.0	5.0	11.1	48	261	213	0	68.1	79.5	3011	0	5794
9740.0	5.0	11.4	48	261	213	0	67.3	80.3	3021	0	5830
9745.0	5.0	11.7	46	261	215	0	66.8	79.7	3059	0	5850
9750.0	5.0	12.0	48	261	213	0	67.3	79.6	3036	0	5862
9755.0	5.0	12.5	48	261	213	0	66.6	79.8	3030	0	5870
	588										
9760.0	5.0	12.8	45	258	214	0	65.6	79.7	3061	0	5873
9765.0	5.0	13.0	45	258	214	0	60.8	75.6	3021	0	5876
9770.0	5.0	13.1	44	258	214	0	57.3	76.5	2935	0	5882
9775.0	5.0	13.5	45	258	213	0	56.9	76.4	2939	0	5895
9780.0	5.0	13.9	45	258	213	0	57.9	76.7	2945	0	5910
9785.0	5.0	14.3	45	258	213	0	58.4	77.1	2936	0	5920
9790.0	5.0	14.8	46	258	212	0	58.4	77.4	2959	0	5923
9795.0	5.0	15.2	44	256	212	0	60.5	74.1	2934	0	5926
9800.0	5.0	15.8	46	256	210	0	62.8	73.1	2993	0	5929
9805.0	5.0	16.5	46	256	211	0	64.8	73.1	3024	0	5932
	636										
9810.0	5.0	17.0	46	256	211	0	64.7	72.9	3019	0	5935
9815.0	5.0	17.5	46	256	211	0	64.0	73.2	3014	0	5938
9820.0	5.0	18.1	45	256	211	0	63.5	73.2	2993	0	5941
9825.0	5.0	18.8	45	256	211	0	64.0	74.2	3033	0	5944
9830.0	5.0	19.3	49	256	207	0	69.1	69.1	3037	0	5948
9835.0	5.0	20.0	53	256	203	0	72.7	68.8	3030	0	5951
9840.0	5.0	20.4	51	256	205	0	76.0	71.3	3032	0	5954
9845.0	5.0	20.7	51	256	205	0	75.7	71.6	3054	0	5957
9850.0	5.0	21.2	51	256	205	0	76.4	71.6	3065	0	5960
9855.0	5.0	21.6	51	256	205	0	76.6	72.2	3076	0	5963
	686										
9860.0	5.0	21.9	47	252	206	0	74.8	73.2	3079	0	5966
9865.0	5.0	22.2	46	251	204	0	73.3	75.4	3077	0	5969
9870.0	5.0	22.6	47	251	204	0	72.4	76.2	3041	0	5972
9875.0	5.0	23.0	49	251	201	0	72.0	75.8	2949	0	5975
9880.0	5.0	23.5	49	251	202	0	72.2	74.0	2932	0	5978
9885.0	5.0	23.9	47	250	203	0	71.8	74.2	2972	0	5981
9890.0	5.0	24.5	45	249	204	0	69.0	76.4	3026	0	5984
9895.0	5.0	24.9	48	249	201	0	72.2	76.0	3053	0	5987
9900.0	5.0	25.2	42	249	207	0	72.4	76.0	3108	0	5990
9905.0	5.0	25.8	42	249	207	0	75.2	78.8	3136	0	5993
	736										

DEPTH	STEP	CHRS	WOB	HKLDX	HKLD	BWOV	SPM1	SPM2	PMPR	PCSG	HSP
	736										
9910.0	5.0	26.0	43	249	206	0	77.0	79.7	3149	0	5996
9920.0	10.0	26.5	48	255	205	0	71.5	83.3	3120	0	6001
9925.0	5.0	26.9	52	256	204	0	66.8	88.4	3114	0	6005
9930.0	5.0	27.2	52	256	204	0	67.0	88.6	3105	0	6008
9935.0	5.0	27.6	52	256	204	0	66.5	89.1	3081	0	6011
9940.0	5.0	28.0	51	256	205	0	65.0	86.4	3087	0	6014
9945.0	5.0	28.4	50	256	206	0	65.1	85.9	3121	0	6017
9950.0	5.0	28.8	54	265	210	0	65.0	91.1	3193	0	6021
9955.0	5.0	29.2	54	265	211	0	68.1	95.9	2986	0	6023
9960.0	5.0	29.8	55	265	211	0	90.7	33.7	2335	0	6026
	786										
9965.0	5.0	30.3	54	265	211	0	67.2	87.5	3239	0	6029
9970.0	5.0	30.7	56	265	210	0	68.4	85.3	3066	0	6032
9975.0	5.0	31.3	58	265	208	0	68.8	85.6	3073	0	6035
9980.0	5.0	31.9	58	263	205	0	69.1	85.2	3067	0	6038
9985.0	5.0	32.2	50	256	207	0	69.0	83.3	2976	0	6041
9990.0	5.0	32.5	51	256	205	0	70.5	83.2	3030	0	6044
9995.0	5.0	32.9	49	256	207	0	72.7	82.4	3103	0	6047
10000.0	5.0	33.1	49	256	207	0	70.8	83.2	3052	0	6050
10005.0	5.0	33.3	48	256	208	0	71.0	82.7	3079	0	6053

ENCLOSURE 1

394163

OR-354C

CLL 841 HEAD

CORE LAB

DRILL DATA PLOT

CORE LABORATORIES, INC.

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COMPANY HEMATITE PETROLEUM
WELL PELICAN No. 4
FIELD BASS BASIN
COUNTY OFF-SHORE STATE TASMANIA
LOCATION 40° 21' 39.92"S ELEVATION KB-SF 336'
145° 52' 15.22"E

DEPTH LOGGED FROM 813' TO 10,009'
DATE LOGGED 19 JAN 1979
CREW CHIEF ANDY PIETSCH FILE NO FL-176 1/79
DRLG. FLUID SEA WATER GEL TO
TO

5 cm

EXTENDED SERVICE LOGGING

DEPTH feet	CASING LITHOLOGY	RATE OF PENETRATION feet / hour	SHALE DENSITY	CORRECTED 'D' EXPONENT	HOT WIRE GAS UNITS
		500 400 300 200 100	1.7 2 2.5	.6 .8 1 2 3	100 200 300 400 500

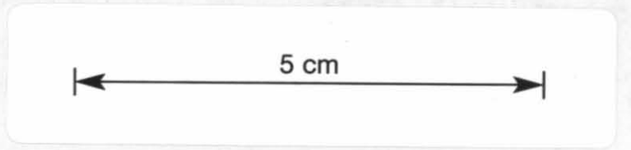
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500
9000
9500
10000

20" NB-2 HTC OSC3AJ 17/1/79 18/1/79
18/1/79 20/1/79
13 3/8" NB-3 HTC X3A 20/1/79 22/1/79
22/1/79 23/1/79
DS 6° NB-4 HTC X1G 23/1/79 24/1/79
DS 1/2° NB-5 HTC XDG 24/1/79 25/1/79
DS 1/2° NB-6 HTC XDG 25/1/79 26/1/79
DS 1/2° NB-7 HTC XDG
DS 1/2° NB-8 HTC J33 26/1/79 27/1/79
27/1/79 28/1/79
ROP SCALE CHANGE 100 80 60 40 20
NB-9 HTC J33 28/1/79 29/1/79
DS 0° NB-10 HTC J22 29/1/79 30/1/79
30/1/79 31/1/79
31/1/79 1/2/79
DS 1° NB-11 HTC J22 1/2/79 2/2/79
DS 3/4 NCB-1 2/2/79 2/2/79
CHR 15 CORE 1
CR-19 2/2/79
STAB 2/2/79
NB 13 J33 2/2/79
DS 1° 2/2/79
BRCB 1 2/2/79
CORE 2
NB 14 J 33 11/2/79 12/2/79
DS 2 1/2°

TD 10,009' 12TH FEBRUARY 1979

CLL 841

CL 470 ENCLOSURE 29 394164 OR-354C



CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

COMPANY HEMATITE FILE NO. FL 176 1-79
WELL PELICAN NO. 4 DATE ENGRS. GAJ
FIELD WILDCAT FORMATION ELEV.
COUNTY BASS BASIN STATE TASMANIA DRLG. FLD. WATER BASE CORES DIAMOND
LOCATION REMARKS CORE # 1

COMPLETION COREGRAPH

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SAND SHALE LIMESTONE DOLOMITE CONGLOMERATE OOLITES CHERT SILTSTONE ANHYDRITE

SAMPLE CHARACTERISTICS
F=Fractured L=Laminated FG; MG; CG=Type Grain Size S=Stylolitic V=Vuggy

PROBABLE PRODUCTION
O=Oil W=Water G=Gas T=Transitional

TOTAL WATER O—O PERCENT PORE SPACE 75 50 25

OIL SATURATION X---X PERCENT PORE SPACE 25 50 75

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY, MD. ✲ = Horizontal Perm Plug	POROSITY %	RESIDUAL SATURATION % PORE SPACE OIL	RESIDUAL SATURATION % PORE SPACE TOTAL WATER
1	9327	5.5	9.4	0.0	26.8
2	9329	2.1	10.3	0.0	12.8
3	9331	67	17.2	0.0	44.3
4	9333	154	16.6	0.0	60.6
5	9341	0.1	11.6	1.1	31.1
6	9346	24	24.4	1.8	30.3
7	9350	0.1	14.4	0.0	44.6
8	9356	0.1	15.3	0.0	43.7
9	9359	23	16.7	0.0	39.7
10	9362	534	25.5	1.7	27.6

PERMEABILITY O—O MILLIDARCYS 400 200 0

POROSITY X---X PERCENT 0 10 20 30

9325 9330 9335 9340 9345 9350 9355 9360 9365

CL 470 ENCLOSURE 2b

OR-354C

5 cm

CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

COMPANY HEMATITE — FILE NO. FL 176 1-79

WELL PELICAN # 4 — DATE 10/2/79 — ENGRS. GAJ

FIELD WILDCAT — FORMATION — ELEV.

COUNTY BASS BASIN — STATE TASMANIA — DRLG. FLD. WATER BASE — CORES DIAMOND

LOCATION — REMARKS CORE # 2

COMPLETION COREGRAPH

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SAND · LIMESTONE · CONGLOMERATE · CHERT · ANHYDRITE

SHALE · DOLOMITE · OOLITES · COAL · SILTSTONE

SAMPLE CHARACTERISTICS
F=Fractured L=Laminated FG; MG; CG=Type Grain Size S=Stylolitic V=Vuggy

PROBABLE PRODUCTION
O=Oil W=Water G=Gas T=Transitional

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY, MD. ✲ = Horizontal Perm Plug	POROSITY %	RESIDUAL SATURATION % PORE SPACE OIL	RESIDUAL SATURATION % PORE SPACE TOTAL WATER
1	9564-9565'	1.26	20.9	0.3	45.7
2	9576-9577'	1.12	18.7	1.8	42.4
3	9585-9586'	3.10	23.0	2.5	35.4
4	9587-9588'	3.45	23.9	3.3	27.5
5	9601-9602'	1.73	22.6	0.0	32.8
6	9603-9604	9.0	21.5	0.3	40.1

PERMEABILITY O—O MILLIDARCYS (300 200 100)

POROSITY X---X PERCENT (0 10 20 30)

TOTAL WATER O—O PERCENT PORE SPACE 75 50 25

OIL SATURATION X---X PERCENT PORE SPACE 25 50 75

9565* 9570 9575 9580 9585 9590 9595 9600

OR-354C

ENCLOSURE 3

5 cm

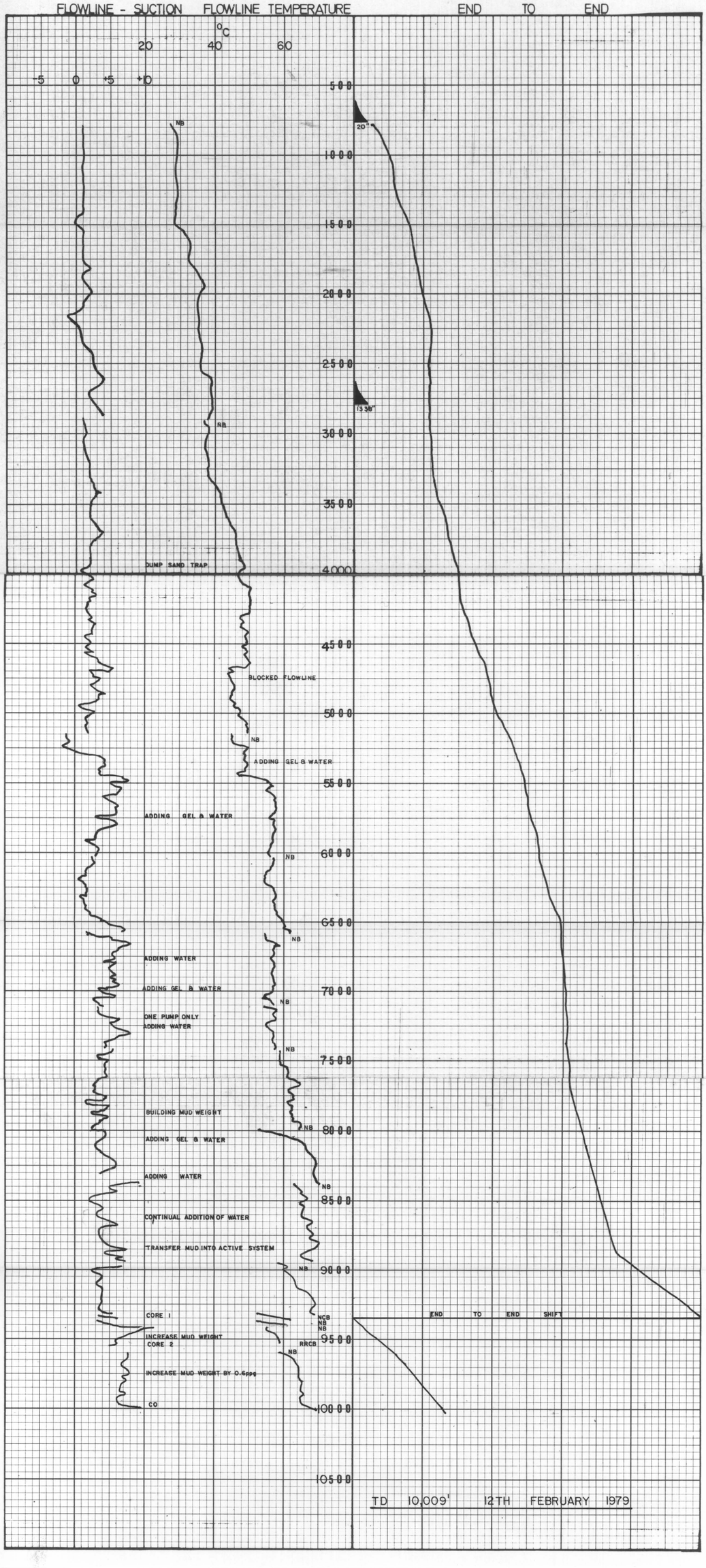
CORE LABORATORIES - ES

HEMATITE PETROLEU

PELICAN No. 4

TEMPERATURE LOG

394165



TD 10,009' 12TH FEBRUARY 1979

OR-3540

ENCLOSURE 4

394166

CORE LAB

5 cm

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E S P
PRESSURE
LOG
HEMATITE
PETROLEUM
PELICAN No. 4

Scale 1 : 6000'

PPG 8 10 12 14 16 18 20

+ PORE PRESSURE
■ FRACTURE PRESSURE
⊙ MUD WEIGHT IN

500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500
9000
9500
10000

30°

TD 10009' 12th FEBRUARY 1979

OR-354C

394167 Enclosure 5a

CL 974 HEAD

CORE LAB **GEO-PLOT**

CORE LABORATORIES, INC.

COMPANY HEMATITE PETROLEUM
WELL PELICAN #4
FIELD BASS BASIN
COUNTY TASMANIA STATE AUSTRALIA
LOCATION 40° 21' 39.92" S ELEVATION KB-SF 336'
145° 52' 15.22" E

DEPTH LOGGED FROM 813' TO 10009'
DATE LOGGED 20/1/79 to 12/2/79
CREW CHIEF A. PIETSCH FILE NO. FL 176
DRLG. FLUID SEA WATER / GEL 813' TO 10009'
SEA WATER Sea floor TO 813'

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5 cm

EXTENDED SERVICE LOGGING

VERTICAL SCALE
1:6000

RATE OF PENETRATION
Feet/Hr. ☒ Min/Foot ☐
Meters/Hr. ☐ Min/Meter ☐
1000 100 10

"D" EXPONENT
CORR. FOR MUD WT.
1.0
x
0.5 1.0 1.5 2.0 2.5 3

CORRELATIVE POROSITY
100 50 0

DEPTH
1500
3000
4500
6000
7500
9000

PORE PRESSURE -P-
EQUIVALENT CIRCULATING DENSITY -D-
FRACTURE GRADIENT -F-
POUNDS PER GALLON
10 12 14 16 18

PD F

CL 975 TAIL (INCH)

OR-354C

394168 ENCLOSURE 56

CL 974 HEAD

CORE LAB **GEO-PLOT**

CORE LABORATORIES, INC.

COMPANY HEMATITE PETROLEUM
WELL PELICAN #4
FIELD BASS BASIN
COUNTY TASMANIA STATE AUSTRALIA
LOCATION 40° 21' 39.92" S ELEVATION KB-SF 336'
145° 52' 15.22" E

DEPTH LOGGED FROM 813' TO 10009'
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DRLG. FLUID SEA WATER / GEL 813' TO 10009'
SEA WATER Sea floor= 813'

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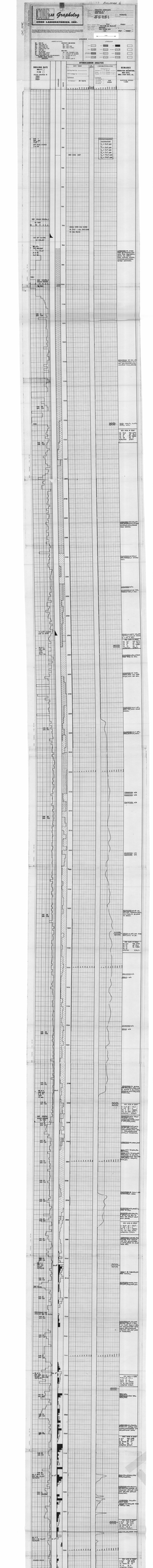
5 cm

EXTENDED SERVICE LOGGING

VERTICAL SCALE
1:6000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