349066

ENCLOSURE 13e

OFFSHORE 13

OR-342

SCHLUMBERGER

INDUCTION-SPHERICALLY FOCUSED / BOREHOLE COMPENSATED SONIC LOG.

COUNTY	AUSTRALIA
FIELD or LOCATION	WILDCAT
WELL	POONBOON 1
COMPANY	ESSO

COMPANY ESSO AUSTRALIA LTD.

WELL POONBOON 1

FIELD WILDCAT

COUNTY AUSTRALIA STATE

LOCATION
LAT: 40° 08' S
LONG: 145° 55' E
Sec. Twp. Rge.

Other Services:
SNP, ST.

Permanent Datum: MSL, Elev. 0
Log Measured From KB, 32 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 32
D.F. 31
G.L. -259

Date	SEPT 30 '72			
Run No.	2, 5", 2"			
Depth—Driller	10,720			
Depth—Logger	10,715			
Btm. Log Interval	10,708			
Top Log Interval	8,759			
Casing—Driller	9 5/8 @ 8761	@	@	@
Casing—Logger	8759			
Bit Size	8 1/2			
Type Fluid in Hole	LIGNOSULPHONATE			
Dens. / Visc.	12.2 / 46			
pH / Fluid Loss	9.8 / 5.6 ml	ml	ml	ml
Source of Sample	FLOWLINE			
R_m @ Meas. Temp.	0.868 @ 89 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	0.482 @ 72 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	1.22 @ 72 °F	@ °F	@ °F	@ °F
Source: R_{mf} R_{mc}	PRESS			
R_m @ BHT	0.35 @ 218 °F	@ °F	@ °F	@ °F
Time Since Circ.	7 HRS			
Max. Rec. Temp.	218 °F	°F	°F	°F
Equip. / Location	2080 / SAL			
Recorded By	CHAFFE			
Witnessed By	BLACK			

FIELD PRINT

The well name, location and borehole reference data were furnished by the customer.

FOLD HERE

REMARKS

Changes in Mud Type or Additional Samples				Scale Changes				
Date				Type Log	Depth	Scale Up Hole	Scale Down Hole	
Sample No.								
Depth—Driller								
Type Fluid in Hole								
Dens. / Visc.				Equipment Data				
ph / Fluid Loss			ml	Run No.	Tool Type	Pad Type	Tool Pos.	Other
Source of Sample					IRT / SCT		ECCEN.	
R_m @ Meas. Temp.	@ °F	@ °F	@ °F					
R_{mf} @ Meas. Temp.	@ °F	@ °F	@ °F					
R_{mc} @ Meas. Temp.	@ °F	@ °F	@ °F					
Source: R_{mf} R_{mc}								
R_m @ BHT	@ °F	@ °F	@ °F					
R_{mf} @ BHT	@ °F	@ °F	@ °F					
R_{mc} @ BHT	@ °F	@ °F	@ °F					

SURFACE DETERMINED SONDE ERROR USED
SBR = 1
1 1/2" S/O ON ISF STAND OFF PADS ON BHC.

ILP-A	53	SLP-J6	34
IRP-S	48	SLC-D6	32
IRC-J	60	SLS-KB	93
IRS-S	27	SLH-C	93
MIH-N	60	SLO-B	599

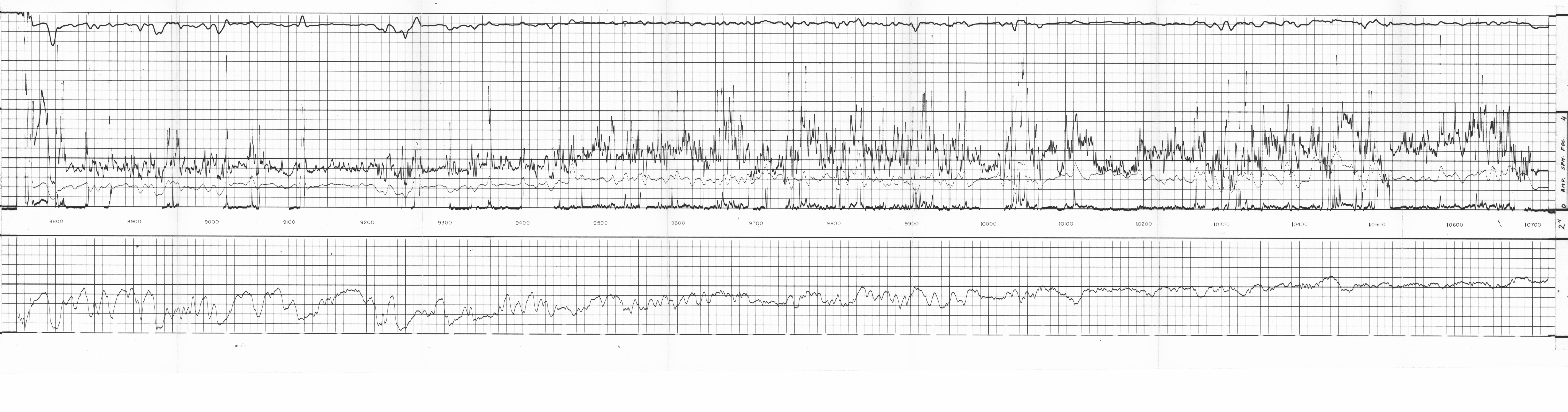
CONDUCTIVITY
millimhos/m = $\frac{1000}{\text{ohms - m}^2/\text{m}}$
2000 6FF40 INDUCTION 0

RESISTIVITY
ohms - m²/m
0 SPHER. FOCUSED. 20
0 200
0 INDUCTION 20
0 AMP. SPH. FOC. 4

DEPTHS 2"

SPONTANEOUS-POTENTIAL
millivolts
10
− ↔ +

5 cm



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DEPTHS 2"

SPONTANEOUS-POTENTIAL
millivolts
10
− ↔ +

SCHL. FR 10708
SCHL. TD 10715
DRLR TD 10720
Elev: KB 32
DF 31
GL -259

COMPANY ESSO AUSTRALIA LTD
WELL POONBOON 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE

DETAIL LOG
5" = 100'

INTERVAL TRANSIT TIME
MICROSECONDS PER FOOT
$T \underline{3} R_1 \underline{2} R_2$
140 90 40

INDUCTION-SPHERICALLY FOCUSED RESISTIVITY
0.2 1 10 100 1000

DEPTHS 5"

SPONTANEOUS-POTENTIAL
MILLIVOLTS
10
− ↔ +