ISF-S

357061

ENCLOSURE 11c

Schlumberger

OFFSHORE 14

TAS MINES

OR-345

INDUCTION-SPHERICALLY FOCUSED / BOREHOLE COMPENSATED SONIC LOG

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL TAROOK 1
COMPANY ESSO

COMPANY ESSO AUSTRALIA LTD.
WELL TAROOK 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA
LOCATION LAT: 40° 02' S LONG: 145° 40' E.
Other Services: FDC/CNL/GR, HDT, ST, CIS
Sec. Twp. Rge.

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. -261

Date	OCT. 18 '72			
Run No.	1, 5" 2"			
Depth—Driller	9100			
Depth—Logger	9097			
Btm. Log Interval	9090			
Top Log Interval	2806			
Casing—Driller	13 3/8 @ 2804	@	@	@
Casing—Logger	2806			
Bit Size	12 1/4			
Type Fluid in Hole	LIGNOSULPHONATE			
Dens. | Visc.	10.2 | 45			
pH | Fluid Loss	9.5 | 5.6 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	0.91 @ 97 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.76 @ 72 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.49 @ 72 °F	@ °F	@ °F	@ °F
Source: Rmf Rmc	PRESS			
Rm @ BHT	0.45 @ 196 °F	@ °F	@ °F	@ °F
Time Since Circ.	6 HRS.			
Max. Rec. Temp.	195/196 °F	°F	°F	°F
Equip. | Location	2080 | SAL			
Recorded By	CHAFFE			
Witnessed By	McKAY			

FIELD PRINT

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

REMARKS CONDUCTIVITY SCALE CHANGED FROM 0-1000 mmho/m TO 0-2000 AT 8160

Changes in Mud Type or Additional Samples			
Date | Sample No.			
Depth—Driller			
Type Fluid in Hole			
Dens. | Visc.			
ph | Fluid Loss	ml		
Source of Sample			
Rm @ Meas. Temp.	@ °F	@ °F	
Rmf @ Meas. Temp.	@ °F	@ °F	
Rmc @ Meas. Temp.	@ °F	@ °F	
Source: Rmf | Rmc			
Rm @ BHT	@ °F	@ °F	
Rmf @ BHT	@ °F	@ °F	
Rmc @ BHT	@ °F	@ °F	

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Pad Type	Tool Pos.	Other
1	IRT / SCT			

SURFACE DETERMINED SONDE ERROR USED
SBR = 1
ISF STAND-OFF 1 1/2", SCT: STANDOFF PADS

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

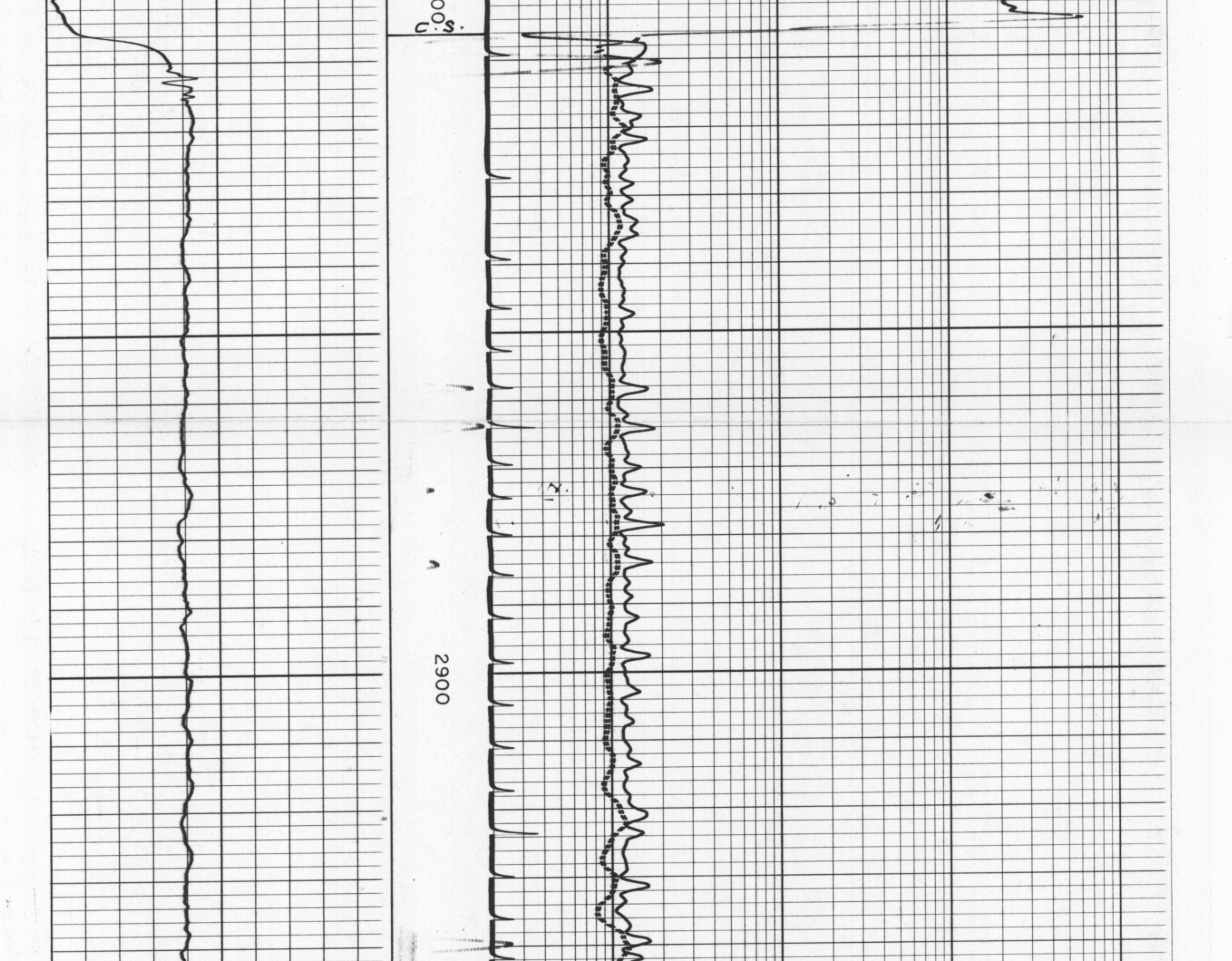
SPONTANEOUS-POTENTIAL millivolts	DEPTHS	CONDUCTIVITY millimhos/m = 1000 / ohms – m²/m
− 10 +		6FF40 INDUCTION 4000 2000 0
		RESISTIVITY ohms – m²/m 0 SPHERICALLY FOCUSED 200 0 20 0 AMP. S.F.L. 4 INDUCTION 0 20

5 cm

SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY ohms – m²/m / CONDUCTIVITY millimhos/m = 1000 / ohms – m²/m
− 10 +		0 20 0 200 0 AMP. SFL 4 INDUCTION 0 20
		6FF40 INDUCTION 2000 1000 0

COMPANY ESSO AUSTRALIA LTD.
WELL TAROOK 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA

SCHL. FR 9090
SCHL. TD 9097
DRLR TD 9100
Elev:
KB 32
DF 31
GL -261

SPONTANEOUS-POTENTIAL MILLIVOLTS	DEPTHS	INTERVAL TRANSIT TIME MICROSECONDS PER FOOT
− 10 +	5"	T3 R1 2 R2 140 90 40
		INDUCTION – SPHERICALLY FOCUSED RESISTIVITY 0.2 1.0 10 100 1000