ENCLOSURE 11b

384185 OR-351

SCHLUMBERGER

COMPENSATED FORMATION DENSITY LOG

Gamma-Gamma

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL PELICAN NO 1
COMPANY ESSO

COMPANY ESSO EXPLORATION AND PRODUCTION AUSTRALIA INC.
WELL PELICAN NO 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA
Location: LAT 40° 20' 20.8"S LONG 145° 50' 37.1"E
Sec. Twp. Rge.
Other Services: IES, BHC, CDM, FIT, MLL, CIS, CST, GRN,

Permanent Datum: MSL ; Elev.: 0
Log Measured From KB, 100 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 100
D.F.
G.L.

Date	4 APRIL 1970	21 APRIL 1970	
Run No.	ONE 5"	TWO 5"	
Type Log	FDC-GR	FDC-GR	
Depth—Driller	8570	10428	
Depth—Logger	8570	10415	
Bottom logged interval	8570	10414	
Top logged interval	2512	8540	
Type fluid in hole	LIGNOSULPHONATE		
Salinity, PPM Cl.	3400	4600	
Density	10.3	11.3	
Level	SURFACE		
Max rec. temp., deg F.	187	235	
Operating rig time	5 HOURS	3½ HOURS	
Recorded by	A. SODINI	A. SODINI	
Witnessed by	WHITTLE	THRELFALL	

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING RECORD Size	Wgt.	From	To
1	12¼	SURFACE	8570	13⅜		SURFACE	2512
2	8½	8570	10414	9⅝		2512	8540

FOLD HERE

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

EQUIPMENT DATA

Run No.	PG P-D	PGD-D	PGC-B	PGS-	Source No.	SFT-106	SGH	Logging Unit	Location
1	701	289	326		2625	704		2072	SAL
2	701	289	326		2625	704		2072	SAL
3									

CALIBRATION DATA

Run No.	Gamma Ray API Scale	Background CPS	Total CPS	FDC — Before Log — ACPS P₁	P₂	FDC — After Log — ACPS P₁	P₂
1	150	20	440	352	624	352	624
2	150	30	440	352	624	352	624
3							

LOGGING DATA

Run No.	General Depths From	To	Speed Ft./Min.	Tc	Gamma Ray API Scale	FDC Selectors Liquid Density	Grain Density	Hole Fluid	Porosity Scale
1	8570	2512	30	2	0-150				
2	10414	8540	30	2	0-150				

MUD DATA

Run No.	Rm. @ °F	% Solids by Vol.	% Oil by Vol.	% Water by Vol.	Viscosity, Sec/Qt @ °F	Solids, Av. Sp. Gr.
1	2.0 @ 60 °F				39 @ 60 °F	
2	1.33 @ 70 °F				56 @ 70 °F	
3	@ °F				@ °F	

Remarks: RUN 1 W.C.D. USED DISPLACEMENT 4 FT.
SCALE CHANGE 8540' CALIPER UP HOLE 8"-18"; DOWN HOLE 6"-16".

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

5 cm

CALIPER
HOLE DIAM. IN INCHES
8 18

GAMMA RAY
API UNITS
0 150

DEPTHS
5"

CORRECTION
GRAMS/CC.
-.25 0 +.25

BULK DENSITY
GRAMS/CC.
2.0 2.5 3.0