359071 **OFFSHORE 35**

OR346

ENCLOSURE 9b

Schlumberger

SIMULTANEOUS

COMPENSATED NEUTRON-FORMATION DENSITY

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL TOOLKA No.1.A
COMPANY ESSO AUST. LTD.

COMPANY ESSO AUSTRALIA LTD.

WELL TOOLKA No.1 A

FIELD WILDCAT

COUNTY AUSTRALIA STATE TASMANIA

Location:
39° 24' 36.83" S
145° 23' 45.22" E
Sec. Twp. Rge.

Other Services:
ISF, BHC, CIS,
HDT, FIT, CST.

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

Elev.: K.B. 32'
D.F. 31'
G.L. -258'

Date	2nd FEB 1974
Run No.	ONE
Type Log	CNL/FDC/GR
Depth—Driller	8907
Depth—Logger	8893
Bottom logged interval	8892
Top logged interval	2790
Type fluid in hole	LIGNOSULPHONATE
Salinity, PPM Cl.	7000
Density	9.9
Level	SURFACE
Max rec. temp., deg F.	220° F
Operating rig time	7 HOURS
Recorded by	HANNINGTON
Witnessed by	BENEDEK

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING RECORD Size	Wgt.	From	To
ONE	9 7/8"	8907	2790	13 3/8		SURFACE	2790

FOLD HERE

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

EQUIPMENT DATA

Run No.	CNP-A	CNC-A	CNB-A	NSR-121	SGC-J	CAL-	Decent. Spg. Used	Logging Unit	Location
ONE	62	65	65	121	82		☒ Yes ☐ No	2080	SAL
							☐ Yes ☐ No		
							☐ Yes ☐ No		

EQUIPMENT DATA

Run No.	PGP-EA	PGC-B	PGS-E	PGD-D	GSR-A	PND	NSR	SFT-116	SFT-106
ONE	701	169	710	205	2647				302

CALIBRATION DATA

Run No.	Gamma Ray API Scale	Gamma Ray Background CPS	Gamma Ray Total CPS	CNL—Before Log—ACPS Long Spacing	CNL—Before Log—ACPS Short Spacing	CNL—After Log—ACPS Long Spacing	CNL—After Log—ACPS Short Spacing
ONE	CAL	30	450	416	928	416	928

CALIBRATION DATA

Run No.	Before Log—SNP—After Log Drawer-in	Drawer-out	Drawer-in	Drawer-out	Before Log—FDC—After Log P1	P2	P1	P2
ONE					390	865	390	865

LOGGING DATA

Run No.	General Depths From	To	Speed Ft./Min.	Tc	Gamma Ray API Scale	CNL Selectors Matrix	Auto Hole Size Corr.	Hole Size Setting (If not auto)	Porosity Scale
ONE	8892	2790	30	2	0 - 150	0/H L/S	☒ Yes ☐ No	10"RS	45/15/-15
		290	60	1	0 - 150		☐ Yes ☐ No		
							☐ Yes ☐ No		
							☐ Yes ☐ No		
							☐ Yes ☐ No		

MUD DATA

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

Remarks:

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.

CORRECTION
GRAMS/CC
-.25 0 +.25

5 cm

BULK DENSITY
GRAMS / CC
1.85 2.35 2.85
0.85 1.35 1.85

NEUTRON POROSITY INDEX %
LIMESTONE MATRIX
45 30 15 0 -15

DEPTHS
5"

CALIPER
HOLE DIAM. IN INCHES
8 18

GAMMA RAY
API UNITS
0 150