371133

OK 0239

Enclosure 1AE

Schlumberger

SCHLUMBERGER

COMPENSATED NEUTRON-FORMATION DENSITY

COMPANY HEMATITE PETROLEUM PTY. LTD.

WELL AROO No.1.

FIELD WILDCAT

COUNTY AUSTRALIA STATE TASMANIA

Location: Lat. 39° 43' 30" S; Long. 143° 26' 42" E; Sec. Twp. Rge.

Other Services: FIT

Elev.: K.B. 33'; D.F. ; G.L. -230'

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL AROO No.1.
COMPANY HEMATITE

Date: 3-11-74
Type Log: CNL/FDC/GR
Depth—Driller: 10572
Depth—Logger: 10572
Bottom Log Interval: 10528
Top Log Interval: 9600
Casing—Driller: 13 3/8 @ 1000
Casing—Logger: 1000
Bit Size: 12 1/4
Type Fluid in Hole: SEMI-GEL
Density: 9.6
Viscosity: 50
Ph: 9.0
Fluid Loss: 6.0
Source of Sample: CIRCULATION
Rm @ Meas. Temp.: .65 @ 70°F
Rmf @ Meas. Temp.: .45 @ 70°F
Rmc @ Meas. Temp.: .35 @ 70°F
Source: Rmf Rmc: MEASURED
Rm @ BHT: .25 @ 200°F
Time Since Circ.: 12 HOURS
Time on Bottom: 2 HOURS
Max. rec. temp.: 200°F
Equipment: 2500 FEET
Location: SEMI-GEL
Recorded by: HUNTINGTON
Witnessed by: MCDONALD

Run No. 3 | Bit Size 12 1/4 | From 1000 | To 10572 | Size 9 5/8 | Wgt. 47 | From G.L. | To 1000

Top Measured from: KB
Drilling Measured from: KB
Elevations: K.B. 33 ft. above Perm. Datum

FILE NO.

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

EQUIPMENT DATA

Run No.	CNL-A	CNC-A	CNS-A	NSR	SGR	CAL	Detect. Seq. Used	Logging Unit	Location
3	62	60	60	121	275		☑ Yes ☐ No	4082	NAL
							☐ Yes ☐ No		
							☐ Yes ☐ No		

EQUIPMENT DATA

Run No.	PGP-E	PGC-E	PGS-E	PGP-H	GSR-H	PND	NSR	SFT-116	SFT-106
3	701	100	710	205	2647				502

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
3	CAL	20	500	416	930	416	930

CALIBRATION DATA

Run No.	Before Log—SNP—After Log: Drawer-in	Drawer-out	Drawer-in	Before Log—FDC—After Log: Drawer-out	P1	P2	P1	P2
3					393	779	393	779

LOGGING DATA

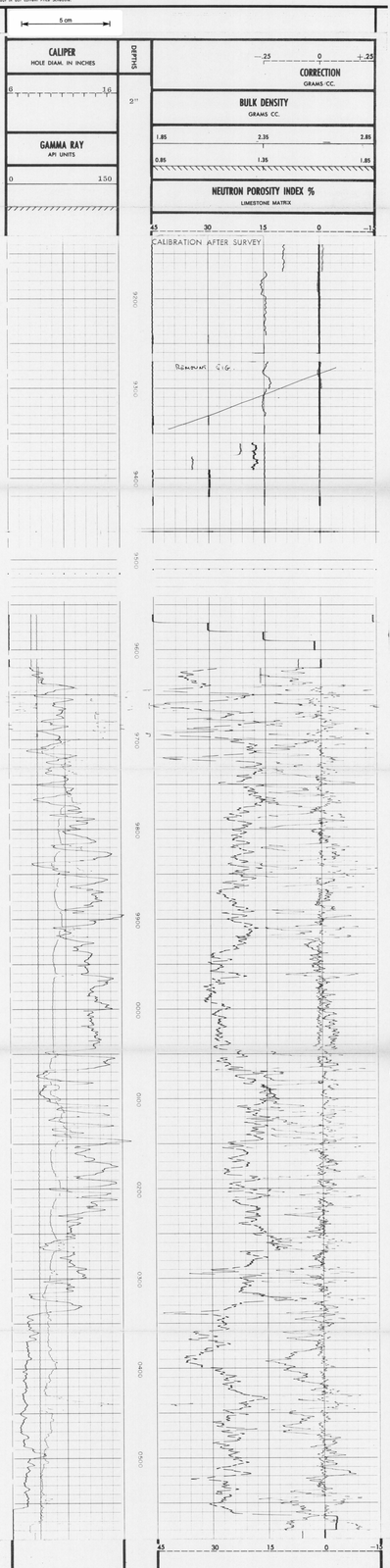
Run No.	General: Depths From	To	Speed Ft./Min.	Tc	Gamma Ray API Scale	Matrix	CNL Selectors: Auto Hole Size Corr.	Hole Size Setting (if not auto)	Porosity Scale
3	10572	9028	20	2	0-150	L. S	☑ Yes ☐ No	8"	18.S.45/15/-15
							☐ Yes ☐ No		
							☐ Yes ☐ No		
							☐ Yes ☐ No		

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 interpretation, 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.



0 150
GAMMA RAY
API UNITS
6 16
CALIPER
HOLE DIAM. IN INCHES
DEPTHS
2"
45 30 15 0 -15
NEUTRON POROSITY INDEX %
LIMESTONE MATRIX
1.85 2.35 2.85
0.85 1.35 1.85
BULK DENSITY
GRAMS CC.
-.25 0 +.25
CORRECTION
GRAMS CC.

COMPANY HEMATITE PETROLEUM PTY. LTD.
WELL AROO No.1.
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA

SCHL. FR 10572'
SCHL. TD 10572'
DRLR TD 10570'
Elev.
KB 33'
DF 31'
GL -230'

5 cm