FDC/CNL ENCLOSURE 11 OR 353

389112

Schlumberger

SIMULTANEOUS

COMPENSATED NEUTRON-FORMATION DENSITY

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL PELICAN NO 3
COMPANY ESSO AUSTRALIA

COMPANY ESSO AUSTRALIA LIMITED
WELL PELICAN NO 3
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA
Location: LAT. 40° 15' 43"S LONG. 145° 51' 51"E
Other Services: IES MLL/ML L7
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. -283

Date	19 MAY 1972.
Run No.	1
Type Log	FDC/CNT/GR
Depth—Driller	9397
Depth—Logger	9349
Bottom logged interval	9348
Top logged interval	FDC/CNT.5700 GR.3029
Type fluid in hole	LIGNOSULPHONATE
Salinity, PPM Cl.	
Density	10.3
Level	FULL
Max rec. temp., deg F.	222
Operating rig time	
Recorded by	W.CHAFFE
Witnessed by	MCKAY/KING

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING RECORD Size	Wgt.	From	To
1	12¼	3029	9387	13 3/8		0	3029

OFFSHORE 10

5 cm

FOLD HERE

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

EQUIPMENT DATA

Run No.	CNL-	CNC-	CNB-	NSR-	SGC-	CAL-	Decent. Spg. Used	Logging Unit	Location
1	DA-62	A-6J	A-6J	F- 121			☒ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No		

EQUIPMENT DATA

Run No.	PGP	PGC	PGS	PGD	GSR	PND	NSR	SFT-116	SFT-106
1				D-290	A-2647				302

CALIBRATION DATA

Run No.	Gamma Ray			CNL—Before Log—ACPS		CNL—After Log—ACPS	
	API Scale	Background CPS	Total CPS	Long Spacing	Short Spacing	Long Spacing	Short Spacing
1		20	430	53	118	53	118

CALIBRATION DATA

Run No.			Before Log—SNP—After Log				Before Log—FDC—After Log			
			Drawer-in	Drawer-out	Drawer-in	Drawer-out	P_1	P_2	P_1	P_2
1							392	740	392	740

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
1	5700	9348	30	2	0-100	LIME	☒ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No	-	45/-15

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: CALIPER M.Z.CHANGED FOR 8"-18" DENSITY M.Z.SET FOR 1.85 -2.85 SCALE LOG DOES NOT REPEAT ON ANY CURVES.THIS WAS DUE TO THE TOOL STICKING IN SOME SECTIONS OF THE HOLE(MOST READILY SEEN ON THE CALIPER)

CALIPER
HOLE DIAM. IN INCHES
8" 18"

DEPTHS

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

GAMMA RAY
API UNITS
0 150

BULK DENSITY
GRAMS/CC.
1.85 2.35 2.85

DEPTHS

DENSITY POROSITY INDEX %
MATRIX
45 30 15 0 -15

NEUTRON POROSITY INDEX %
MATRIX