349056

OR-342

OFFSHORE 13

ENCLOSURE 11a

Schlumberger

SIMULTANEOUS

COMPENSATED NEUTRON-FORMATION DENSITY

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL POONBOON 1
COMPANY ESSO AUSTRALIA LTD

COMPANY ESSO AUSTRALIA LIMITED
WELL POONBOON 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA
Location: LAT: 40° 08'S LONG: 145° 55'E
Other Services: ISF/BHC CIS HDT ST
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. -259'

Date 12 SEPTEMBER 72
Run No. 1
Type Log FDC/CNL
Depth—Driller 8827
Depth—Logger 8792
Bottom logged interval 8791
Top logged interval 5700 GR/CAL: 3028
Type fluid in hole LIGNOSULPHONATE
Salinity, PPM Cl.
Density 10.2
Level SURFACE
Max rec. temp., deg F. 210
Operating rig time 8 HOURS
Recorded by CHAFFE
Witnessed by MEBBERSON

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING RECORD Size	Wgt.	From	To
1	12¼	3032	8827	13⅜		0	3032

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

EQUIPMENT DATA

Run No.	CNL-	CNC-A	CNB-A	NSR-F	SGC-	CAL-	Decent. Spg. Used	Logging Unit	Location
1		65 CNH-A 65	65 CNP-A 62	121			☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No	2080	SAL

EQUIPMENT DATA

Run No.	PGP-EA	PGC-EA	PGS-E	PGD-D	GSR-A	PND	NSR	SFT-116	SFT-106
1	311	184 PGH-A 188	265	290 PDH-D 274	2647				302

MUD DATA

Run No.	Rm. @ °F	% Solids by Vol.	% Oil by Vol.	% Water by Vol.	Viscosity, Sec/Qt @ °F	Solids, Av. Sp. Gr.
1	1.04 @ 72 °F				43 @ °F	
2	@ °F				@ °F	
3	@ °F				@ °F	

Remarks: LARGE CORRECTIONS WITH RESULTING HIGH DENSITIES IN ZONES 5860-70, 6170-80 (ON OVERLAP) AND 6925-45. PROBABLY DUE TO BUILD UP OVER SHORT SPACING DETECTOR. RERAN AND INCLUDED ON LOG TAIL.

CALIPER
HOLE DIAM. IN INCHES
BIT SIZE 8" 18"

DEPTHS 2"

5 cm

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

BULK DENSITY
GRAMS/CC.
1.85 2.35 2.85

GAMMA RAY
API UNITS
0 150

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

1.85 2.35 2.85

BULK DENSITY
GRAMS/CC.

BIT SIZE 8" 18" 2"

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

CALIPER
HOLE DIAM. IN INCHES

DEPTHS

5 cm

GAMMA RAY
API UNITS

NEUTRON POROSITY INDEX %
LIMESTONE MATRIX

45 30 15 0 -15

0 150

DEPTHS

DENSITY POROSITY INDEX %
MATRIX

COMPANY ESSO AUSTRALIA LIMITED
WELL POONBOON 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA

SCHL. FR 8791
SCHL. TD 8792
DRLR TD 8827
Elev:
KB 32'
DF 31'
GL -259'