OR-355B ENCLOSURE 1

441093

WEAVER OIL & GAS CORPORATION, AUSTRALIA

SQUID No.1 ST

COMPOSITE WELL LOG

Scale 1:500

5 cm

PERMIT:	T 15 P	DATE SPUD:	July 16 1984	MUDLOGGING:	Geoservices
LOCATION: Lat.	40° 11' 53.547" S	DATE T.D.:	August 16 1984	CEMENTING:	Haliburton
Long.	146° 18' 27.456" E	DATE RIG RELEASED:	August 18 1984	WELLSITE GEOLOGISTS:	Philip J. Lawry
ELEVATION RT (DATUM)	22.3m AMSL	DRILLING CONTRACTOR:	Diamond M Drilling Co.		
W.D.	80.5	RIG:	Epoch		
TOTAL DEPTH:	2925m MD 2918 TVD-E. Log 2922m Drilled Depth	MUD COMPANY:	Triton Engineering	LOG COMPILATION:	Philip J. Lawry
STATUS:	Plugged and Abandoned	WIRELINE LOGGING:	Schlumberger Seaco	DRAFTING:	W.L.Mackay

DISPLAYED LOGS

RUN Nº	1	2
DATE	22/7/84	17/8/84
LOG TYPE(s)	DIL-SLS	DIL-SLS
INTERVAL (m)	100 - 125	1240 - 2925
MUD TYPE	Seawater-Gel	Lignosulf
MUD DENSITY	9.2 lbs/gall	10 lbs/gall
Rmf AT TEMP	0.210	0.237
MEAS. BHT	48.9° C	89.0° C

OTHER LOGS & SURVEYS

TYPE	RUN Nº	INTERVAL
~~LDT-CNL-GR~~	2	~~equipment failure~~
Well Site Lithology	No.1 ST	258-2922
	No.1	258-2918
Geoservice Geological Evaluation - Hydrocarbon Mudlog	No.1 ST	258-2922
	No.1	258-2918

HOLE SIZE

SIZE	INTERVAL (m)
26"	0 - 258
17 1/2"	258 - 1255
12 1/4"	1255 - 2925

CASING

SIZE	WEIGHT	INTERVAL (m)
20"	133lbs/ft	0 - 243
13 3/8"	68lbs/ft	0 - 1240

PLUGS

TYPE	INTERVAL (m)
Cement No.1	1201 - 1271
300 Sx	Class G
CEMENT Nº2	146-251
290 Sx	Class G

PERFORATIONS

DST Nº.	SPACING	INTERVAL
None		

LITHOLOGY LEGEND

ROCK TYPE

- CONGLOMERATE
- SANDSTONE
- SILTSTONE
- CLAYSTONE
- SHALE
- COAL (minor)
- GREENSAND
- LIMESTONE (undifferentiated)
- LIMESTONE (recrystallized)
- CALCIRUDITE
- CALCARENITE
- CALCISILTITE
- CALCILUTITE
- MARL
- DOLOMITE
- HALITE
- ANHYDRITE
- GYPSUM
- VOLCANICS
- IGNEOUS BASEMENT
- METAMORPHIC BASEMENT

OTHER CONSTITUENTS

- ∧ SILICA
- ⊥ CALCITE
- DOLOMITE
- SIDERITE
- ◆ PYRITE
- ◁ LITHIC & CHERTY FRAGMENTS
- + FELDSPAR
- INOCERAMUS FRAGMENTS
- △ CHERT
- m MICA
- CARBONACEOUS MATTER
- PLANT FRAGMENTS
- SKELETAL FRAGMENTS
- FORAMINIFERA
- ∼ GLAUCONITE
- ✧ RADIOLARIANS

SHOW LEGEND

- Minor gas show (ditch gas, FIT/DST TSTM).
- Minor oil show (oil fluor, but no rec. from FIT/DST).
- Minor oil and gas shows (see above).
- Gas show (measurable flow - rate, or significant FIT rec.).
- Oil show (FIT/DST rec.)
- Oil and gas shows (see above)
- GAS PRODUCTION
- ● OIL PRODUCTION
- GAS AND OIL PRODUCTION

ENGINEERING LEGEND

- ◢ — Casing seat
- ⧗ — Cement plugs / Bridge plug
- — Drill stem test
- — Perforated interval
- RFT, SA = Sample taken, SP = Supercharged, T = Tight
- RFT, Failed e.g. seal failure
- — Core recovered / non recovered
- ▶ — Sidewall core
- ▷ — Sidewall core (non rec.)
- 3° — Hole deviation

SERIES	STAGE	ZONE	SPONTANEOUS POTENTIAL MILLIVOLTS -80 … 20 GAMMA RAY API UNITS 0 … 200 BIT SIZES & CALIPER HOLE DIAMETER IN INCHES 15 … 25	CORES SWC	DEPTH METRES BRT	LITHOLOGY	PERFS. SHOWS	RESISTIVITY ohm - m²/m 0.2 1.0 10 20 / 20 10 1000 2000 ---ILD ····ILM —SFL BOREHOLE COMPENSATED SONIC INTERVAL TRANSIT TIME MICROSECOND/FT. 140 90 40 / 240 190 140	LITHOLOGICAL DESCRIPTION	ENGINEERING DATA

seafloor - 258m
No returns to surface.

3/4° at 165

1/2° at 258

238-380m.
Undifferentiated Limestone: White to light grey to yellow grey to light medium olive grey, very fine to very coarse dominantly coarse grained fossil fragments, moderate to poorly sorted, subangular to rounded dominantly subrounded, 5-20% calcareous cement, 10-30% argillaceous matrix and trace to 10% silt matrix, 40-85% fossil fragments include brizoans, bivalves, corals, mollusks, forams, echinoid spines, sponge spicules, friable to firm, poor to good, dominantly fair visual intraskeletal porosity.
grades to

Calcarenite: As above

and

Calcisiltite: As above.

20" at 243m

26" hole to 258m

380-506 m.
Claystone: Medium olive grey to green grey, trace to 10% silt, 5-20% calcareous, 5-15% fossil fragments, soft.

1/4° at 417

506-610m.
Bioclastic Limestone: Light yellow grey to yellow grey, very fine to very coarse occasionally granular dominantly very coarse grained fossil fragments, poor to moderate sorting, angular to subangular, trace-5% silt and trace argillaceous matrixes, trace-5% calcareous cement, 70-85% fossil fragments which include forams, brizoans, corals, echinoid spines and bivalves, friable, fair visual intraskeletal porosity.

610-917m.
Limestone, consisting dominantly of calcarenite, with interbedded calcilutite, calcisiltite and bioclastic limestone.

Calcarenite: Very light grey to yellow grey, very fine to coarse dominantly medium grained, moderate to poorly sorted, subangular to subrounded, 5-30% argillaceous and trace to 10% silt matrixes, trace to 5% calcareous cement, trace disseminated pyrite, trace-30% fossil fragments, nil-5% fine grained quartz, trace glauconite, firm to hard, nil to poor visual porosity.

Bioclastic Limestone: As above with interbedded Claystone: light grey to light yellow grey, trace to 15% silt, trace to 10% calcareous, trace to 5% fossil fragments, soft to firm.

1/4° at 703m.

1/4° at 914

917 - 1085m
Fossiliferous Claystone: medium dark olive grey to medium grey, 10-30% silt, trace to 5% calcareous, 10-30% fossil fragments including brizoans, echinoid spines, forams and shell fragments, soft to firm.

1085 - 1425.5m
Claystone: light to medium olive grey to brown grey to medium dark grey, trace to 10% silt, trace to 10% calcareous, trace to 10% fossil fragments, nil to trace disseminated pyrite, trace dolomite, trace coal, soft to firm.

13 3/8" at 1240m

17 1/2" hole to 1255m

Set Cement Plug 1288 to 1450m

sidetrack hole Squid No. 1 ST from 1320m

2-1/2° at 1320m
N 20° W

3° at 1349m
N 5° W

4° at 1384m
N 40° W

1425.5 - 1785.5m
Sandstone: translucent to transparent, fine to very coarse dominantly coarse grained quartz, moderately well to very well, dominantly well sorted, subangular to rounded dominantly subrounded, trace to 5% argillaceous matrix, trace to 5% siliceous cement, nil to trace calcareous cement, trace pink lithic fragments, friable, fair to good visual porosity.

With minor rare

Claystone: very light grey, trace silt, trace to 5% calcareous, trace micromecaceous, trace coal, trace very fine quartz, soft to firm.

3-3/4° at 1533m
N 50° E

9° at 1764m
S 13° E

1785.5 - 1853.5m
Claystone: medium dark grey to grey