

COMPOSITE WELL LOG - NERITA No 1 SHELL DEVELOPMENT (AUSTRALIA) PTY. LTD.

DEPT. NAT. RES. & ENV. SHEET 1 OF 2
PE601570

PETROLEUM TENEMENT PEP 22 - HELD BY FROME - BROKEN HILL PTY LTD STATE VICTORIA QUEENSLIFF 4 MILE SHEET

OTWAY BASIN WELL STATUS: DRY AND ABANDONED

LOCATION E 231,346, AYM ZONE 7
N 236,677
ELEVATION OF 11" ABOVE M.S.L.
SEA BOTTOM DEPTH 245' BELOW M.S.L.
DATE SPUNDED 1st JULY 1967
DATE TO REACHED 30th JULY 1967
DATE RIG RELEASED 17th AUGUST 1967
TOTAL DEPTH, DRILLER 6,700'
ALL DEPTHS BELOW D.F.

HOLE SIZE	INCHES	FROM	TO
36	SEA-BED	470	
26	470'	629'	
17 1/2	629'	1,305'	
12 1/4	1,305'	3,226'	
8 1/2	3,226'	6,700'	

CASING	SIZE	WEIGHT	GRADE	DEPTH	CEMENT	CEM. TO
20"	310 lb/ft	462		1280 bgs	SEA-BED	
20"	94 lb/ft	N40	618'	680 bgs	SEA-BED	
13 3/8"	72 lb/ft	N80	1,295'	630 bgs	500'	
9 5/8"	47/43.5 lb/ft	PH10/N80	3,216'	730 bgs	1000'	

CEMENT PLUGS	FROM	TO	CEMENT
	5,000'	2,900'	800 bgs
	2,800'	2,092'	250 bgs
	600'	370'	80 bgs

BRIDGE PLUGS	BAKER MODEL	N AT	2806'
	BAKER MODEL	K AT	610'
	(converted to BP)		

PERFORATIONS	TYPE	FROM	TO	NO. FT.
	NOT APPLICABLE			

DRILLED BY SEDCO 135E
DRILLING METHOD ROTARY
MUD LOGGING BY GEOSERVICES
LOGGED BY SCHLUMBERGER
CEMENTED BY HALLIBURTON
WELL HEAD FITTING VETCO TYPE PERMANENT GUIDE BASE

INDUCTION LOG DATA			
RUN NUMBER	1	2	3
DATE	10-7-1967	17-7-1967	30-7-1967
FOOTAGE LOGGED	683	1,928	3,461
LOGGED FROM	1,300	3,224	6,679
LOGGED TO	617	1,296	3,218
TOTAL DEPTH-ELECTRIC LOG	1,301	3,225	6,680
TOTAL DEPTH-DRILLER	1,305	3,227	6,700
CASING SHOE-ELECTRIC LOG	617	1,296	3,218
CASING SHOE-DRILLER	618	1,295	3,218
BIT SIZE	12 1/4"	12 1/4"	8 1/2"
MUD TYPE	SPERSENE / XP 20	SPERSENE / XP 20	SPERSENE / XP 20
WATER LOSS Ccs/30 mins	6.4	4.0	6.1
WEIGHT lbs/gal	68.5	7.3	76
VISCOSITY (MARSH) sec	43	39	42
Ph	9.5	9.5	10.4
Rm Ohm/m	1.35 at 64°F	1.16 at 80°F	1.14 at 98°F
Rm at B.H.T.	0.06 at 100°F	0.8 at 111°F	0.6 at 150°F
Rmf	1.15 at 70°F	1.16 at 88°F	1.26 at 73°F
Rmc		1.80 at 68°F	2.31 at 73°F
MAX RECORDED TEMPF	100°	111°	150°
RECORDED BY	GREAU	GREAU	GREAU
WITNESS	LILLIE	DE NYS	LE CALVEZ

OTHER LOGS			
TYPE OF LOG	FROM	TO	RUN NO.
BHC SONIC/CALIPER/GAMMA RAY LOGGING	6,679	617	1, 2, 3
DIPMETER - CONTINUOUS	6,679	617	1, 2, 3
FORMATION DENSITY COMPENSATED	6,679	1,296	1, 2
MICROLOG - CALIPER	6,679	1,296	1, 2
NEUTRON LOGGING	6,679	3,216	1
CEMENT BOND LOGGING	3,216	342'	2, 3

LITHOLOGY

- SANDSTONE
- SAND
- SILTSTONE
- SILT
- SHALE
- CLAYSTONE - MUDSTONE
- CLAY
- MARL
- LIME WACKSTONE
- LIME PACKSTONE
- LIME GRAINSTONE
- DOLOMITE
- COAL
- CHERT

WELL SYMBOLS

- SIDEWALL CORE RECOVERED
- SIDEWALL CORE NOT RECOVERED
- CASING SHOE, DIAMETER, DEPTH, SACKS OF CEMENT
- HOLE PLUGGED BACK TO 2900' 2nd AUGUST 1967
- HOLE BRIDGED AT 2806' 3rd AUGUST 1967
- BP BRIDGE PLUG
- GAS SHOW

COMPOSITION OF FRAMEWORK FRACTION (>20µ) OF SILTICLASTIC ROCKS

- MEDIUM-COARSE QUARTZ
- FINE FELDSPATHIC
- MEDIUM-COARSE LITHIC
- FINE

FOSSILS

- SHELL DEBRIS OR BIOCLASTS
- LAMELLIBRANCHS, FRAGMENTS OF
- ECHINODS, FRAGMENTS OF
- GASTROPODS
- FORAMINIFERA IN GENERAL
- BRYOZOA
- PLANT REMAINS

