

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

DEPT. NAT. RES & ENV

SHEET 1 OF 3



PE602797

PETROLEUM TENEMENT: PEP 22 — HELD BY FROME-BROKEN HILL

STATE: VICTORIA

PORTLAND 4 MILE SHEET

OTWAY BASIN

WELL STATUS: DRY AND ABANDONED

LOCATION E 558,514 ATM ZONE 6
N 230,870
ELEVATION OF 112' ABOVE M.S.L.
SEA BOTTOM DEPTH 205' BELOW M.S.L.
DATE SPUNDED 12th APRIL 1967
DATE TO REACHED 4th JUNE 1967
DATE RIG RELEASED 14th JUNE 1967
TOTAL DEPTH DRILLER 9,352'
All depths below D.F.

HOLE SIZE	INCHES	FROM	TO
36"	SEA-BED	386'	
26"	386'	864'	
17 1/2"	864'	2,186'	
12 1/4"	2,186'	6,263'	
8 1/2"	6,263'	9,352'	

CEMENT PLUGS	FROM	TO	CEMENT
	6,100'	5,100'	200 bgs
	5,95'	327'	100 bgs

BRIDGE PLUGS BAKER MODEL N AT 6,135' AND AT 615'

PERFORATIONS	TYPE	FROM	TO	NO. FT.
	2 1/2" UNJET	5,852'	5,834'	4
	2 1/8" UNJET	5,822'	5,810'	4

DRILLED BY SEDCO
DRILLING METHOD ROTARY
MUDLOGGING BY GEOSERVICES
LOGGING BY SCHLUMBERGER
CEMENTED BY HALLIBURTON
WELL HEAD FITTINGS VETCO TYPE PERMANENT GUIDE BASE

RUN NUMBER	INDUCTION LOG DATA			
	1	2	3	4
DATE	21-4-1967	10-5-1967	26-5-1967	4-6-1967
FOOTAGE LOGGED	1,335'	4,097'	2,141'	1,152'
LOGGED FROM	2,184'	6,261'	8,387'	9,352'
LOGGED TO	849'	2,164'	6,246'	8,200'
TOTAL DEPTH ELECTRIC LOG	2,185'	6,262'	8,388'	9,353'
TOTAL DEPTH DRILLER	2,200'	6,260'	8,381'	9,350'
CASING SHOE ELECTRIC LOG	849'	2,164'	6,246'	8,246'
CASING SHOE DRILLER	849'	2,164'	6,245'	8,245'
BIT SIZE	12 1/4"	12"	8 1/2"	8 1/2"
MUD TYPE	SPERSENE / XP 20	SPERSENE / XP 20	SPERSENE / XP 20	SPERSENE / XP 20
WATER LOSS Cc/30 mins	4.8	5.2	4.9	5.5
WEIGHT LOSS lb/ft	69.5	72	77.5	79.5
VISCOSITY (MARSH) sec	58	38	49	46
Ph	93	98	10	99
Rm Ω /m	1.27 at 80°F	1.34 at 78°F	1.24 at 76°F	0.92 at 94°F
Rm at BHT	1.0 at 104°F	0.66 at 146°F	0.54 at 182°F	0.42 at 205°F
Rmf	1.97 at 61°F	1.39 at 74°F	1.11 at 70°F	0.99 at 66°F
MAX RECORDED TEMP°F	104	146	182	205
RECORDED BY	GREAU	GREAU	GREAU	GREAU
WITNESS	LE CALVEZ	LE CALVEZ	LE CALVEZ	LE CALVEZ

TYPE OF LOG	OTHER LOGS		
	FROM	TO	RUN NO
SONIC CALIPER	6,250'	849'	1, 2
GAMMA RAY - NEUTRON	849'	2,192'	1
GAMMA RAY	6,261'	2,164'	2
FORMATION DENSITY COMPENSATED	9,352'	2,164'	1, 2, 3
MICROLOG - CALIPER	6,261'	2,164'	1
CEMENT BOND LOG	6,246'	310'	1, 2
SONIC - GAMMA RAY - CALIPER	9,338'	6,246'	3, 4
NEUTRON	9,353'	5,700'	2
GAMMA RAY CONTINUOUS CASING LOCATOR	6,130'	5,710'	5

LITHOLOGY

- SANDSTONE
- SAND
- SILTSTONE
- SILT
- SHALE
- CLAYSTONE - MUDSTONE
- CLAY
- MARL
- LIMESTONE
- CRYSTALLINE LIMESTONE
- DOLOMITE
- COAL
- SANDSTONE SAND
- SILTSTONE - SILT
- SHALE - CLAYSTONE
- LIMESTONE
- DOLOMITE
- CONGLOMERATIC
- SANDY
- SILTY
- ARGILLACEOUS
- MARLY
- CALCAREOUS
- DOLOMITIC
- COALY, CARBONACEOUS
- INTERBEDS (70% SHALE / 30% SAND)
- ROCK TYPE UNKNOWN

STREAKS OR LENSES
MIXTURES OR MATRICES

WELL SYMBOLS

- CORE, INTERVAL, RECOVERY, NUMBER
- SIDEWALL CORE RECOVERED
- CASING SHOE, CEMENTED, DIAMETER, DEPTH, SACKS OF CEMENT
- PERFORATED INTERVAL
- FORMATION TEST INSIDE CASING, INTERVAL, NUMBER
- HOLE PLUGGED BACK TO 327' 10th JUNE 1967
- HOLE BRIDGED AT 615' 10th JUNE 1967
- B.P. BRIDGE PLUG
- WLBW WIRE LINE BRIDGE PLUG
- GAS SHOW INTERVAL
- DRILLING FLUID LOSS, 25 BBLs
- SHELL DEBRIS OR B-D-CLASTS
- ECHINOID
- BRIOZOA
- FORAMINIFERA IN GENERAL
- CARBONATE TEXTURES
- FINE GRAINED WACKSTONE
- MEDIUM TO COARSE GRAINED PACKSTONE
- FINE GRAINED GRAINSTONE
- CLASTICS COMPOSITION
- QUARTZ CLASTS, FINE GRAINED
- FELDSPATHIC, FINE GRAINED
- LITHIC, FINE GRAINED
- MEDIUM TO COARSE GRAINED
- SUBLITHIC, FINE GRAINED
- SUBLITHIC, MEDIUM TO COARSE GRAINED
- SUPERLITHIC, FINE GRAINED
- SUPERLITHIC, MEDIUM TO COARSE GRAINED
- SUBLITHIC, CLASTS MEDIUM TO COARSE GRAINED
- FELDSPATHIC, FINE GRAINED
- MEDIUM TO COARSE GRAINED
- SUPERLITHIC, FINE GRAINED
- SUPERLITHIC, MEDIUM TO COARSE GRAINED

(S), (w) BRACKETS APPLIED TO A SYMBOL MEANS "LOW PERCENT", "OCCASIONAL", "RARE" OR "APPROXIMATE"

