DEPT. NAT. RES & ENV.
PE604725

COMPOSITE WELL LOG
SHELL DEVELOPMENT (AUSTRALIA) PTY. LTD.
MOYNE FALLS NO. 1

PETROLEUM TENEMENT : PEP 5 — SHELL — FROME BROKEN HILL STATE : VICTORIA PORTLAND 1:250,000 SJ-54/11 OTWAY BASIN WELL STATUS : DRY AND PLUGGED & ABANDONED

LOCATION : 38°04'09"S 305·450 yds. N
142°11'35"E 514·450 yds. E } A.T.M. BELT 6
ELEVATION: D.F. 12' ABOVE GROUND LEVEL
GROUND LEVEL 480' ABOVE M.S.L.
DATE SPUDDED : 15 th NOVEMBER, 1969
DATE T.D. REACHED : 26 th NOVEMBER, 1969
DATE RIG RELEASED : 28 th NOVEMBER, 1969
TOTAL DEPTH , DRILLER : 3·308'
ALL DEPTHS BELOW DERRICK FLOOR

HOLE SIZE :	INCHES	FROM	TO
	12¼"	SURFACE	1,284'
	8¾"	1,284'	3,308' (T.D.)

CASING :	SIZE	WEIGHT	GRADE	DEPTH	CEMENT	CEMENTED TO
	9⅝"	36 lbs/ft.	J-55	1270'	450 sacks	SURFACE

CEMENT PLUGS :	FROM	TO	CEMENT
	2,000'	1,700'	120 sacks
	1,350'	1,070'	120 sacks
	800'	535'	120 sacks

DRILLED BY : BREWSTER N-4
DRILLING METHOD : ROTARY
MUDLOGGING BY : DATA ANALYSIS
LOGGED BY : SCHLUMBERGER
CEMENTED BY : HALLIBURTON

	INDUCTION — ELECTRIC LOG		BHC — SONIC CALIPER — GAMMA RAY LOG		CONTINUOUS DIP METER
RUN NO.	1	2	1	2	1
DATE	24-11-'69	27-11-'69	24-11-'69	27-11-'69	24-11-'69
DEPTH DRILLER	2833'	3308'	2833'	3308'	2833'
DEPTH LOGGER	2815'	3312'	2815'	3305'	2815'
FOOTAGE LOGGED	1543'	497'	1535'	2123'	1540'
Btm Log Interval	2814'	3311'	2806'	3394'	2811'
Top Log Interval	1271'	2814'	1271'	1271'	1271'
Casing Driller	9⅝"at 1270'	9⅝" at 1270'	9⅝"at 1270'	9⅝"at 1270'	9⅝"at 1270'
Casing Logger	1271'	1271'	1271'	1271'	1271'
Bit Size	8¾"	8¾"	8¾"	8¾"	8¾"
Type Fluid in Hole	Fresh water Q'broxin	Fresh water Q'broxin	Fresh water Q'broxin	Fresh water Q'broxin	Fresh water Q'broxin
Dens. Visc.	9·8 38	10·6 46	9·8 38	10·6 46	9·8 38
PH Fluid loss	8·1 10 ml	8·7 11 ml	8·1 10 ml	8·7 11 ml	8·1 10 ml
Rm. at Meas. Temp.	3.50 at 86°F	3.34 at 52°F	3.50 at 86°F	3.34 at 52°F	
Rmf. at Meas. Temp.	3.71 at 70°F	3.19 at 47°F	3.71 at 70°F	3.19 at 47°F	
Rme at Meas. Temp.	3.92 at 70°F	3.84 at 47°F	3.92 at 70°F	3.84 at 47°F	
RM at BHT	2.75 at 116°F	2.52 at 122°F	2.70 at 119°F	2.51 at 124°F	
Time since circ.	3 hrs.	5 hrs.	5 hrs.	8 hrs.	
Max. Rec. Temp.	121°F	122°F	121°F	124°F	121°F
Recorded by	M. Kervella N. Affleck	B. Thompson N. Affleck	M. Kervella N. Affleck	B. Thompson N. Affleck	M. Kervella N. Affleck
Witnessed by	J. Veenema J. Poll	J. Veenema J. Poll	J. Veenema J. Poll	J. Veenema J. Poll	

LITHOLOGY

- SANDSTONE
- SAND
- SILTSTONE
- SILT
- SHALE
- CLAY
- MARL
- LIMESTONE
- COAL
- TUFF
- VOLCANIC (Ba=basalt)
- FOLDED METASEDIMENT
- SANDSTONE — SAND
- SILTSTONE — SILT
- SHALE — CLAYSTONE
- LIMESTONE
- CONGLOMERATIC
- SANDY
- SILTY
- ARGILLACEOUS
- MARLY
- CALCAREOUS
- COALY, CARBONACEOUS
- INTERBEDS (70% CLAY / 30% SAND)
- WEATHERED VOLCANICS

STREAKS OR LENSES

MIXTURES OF MATRICES

WELL SYMBOLS

- CORE, INTERVAL, RECOVERY, NUMBER
- SIDEWALL CORE RECOVERED
- SIDEWALL CORE NOT RECOVERED
- CASING SHOE, CEMENTED, DIAMETER, DEPTH, SACKS OF CEMENT.
- HOLE PLUGGED BACK TO 535' 28 th NOVEMBER 1969
- HOLE BRIDGED AT 2000' 27 th NOVEMBER 1969
- B.P. BRIDGE PLUG

9⅝"/1270'/450
PB535'/28-XI-69
BP 2000'/27-XI-'69

FOSSILS

- SHELL DEBRIS OR BIOCLASTS
- ECHINOIDS
- BRYOZOA
- FORAMINIFERA IN GENERAL
- LAMELLIBRANCHS
- CRINOIDS
- CORALS
- SPOROMORPHS
- PLANT REMAINS

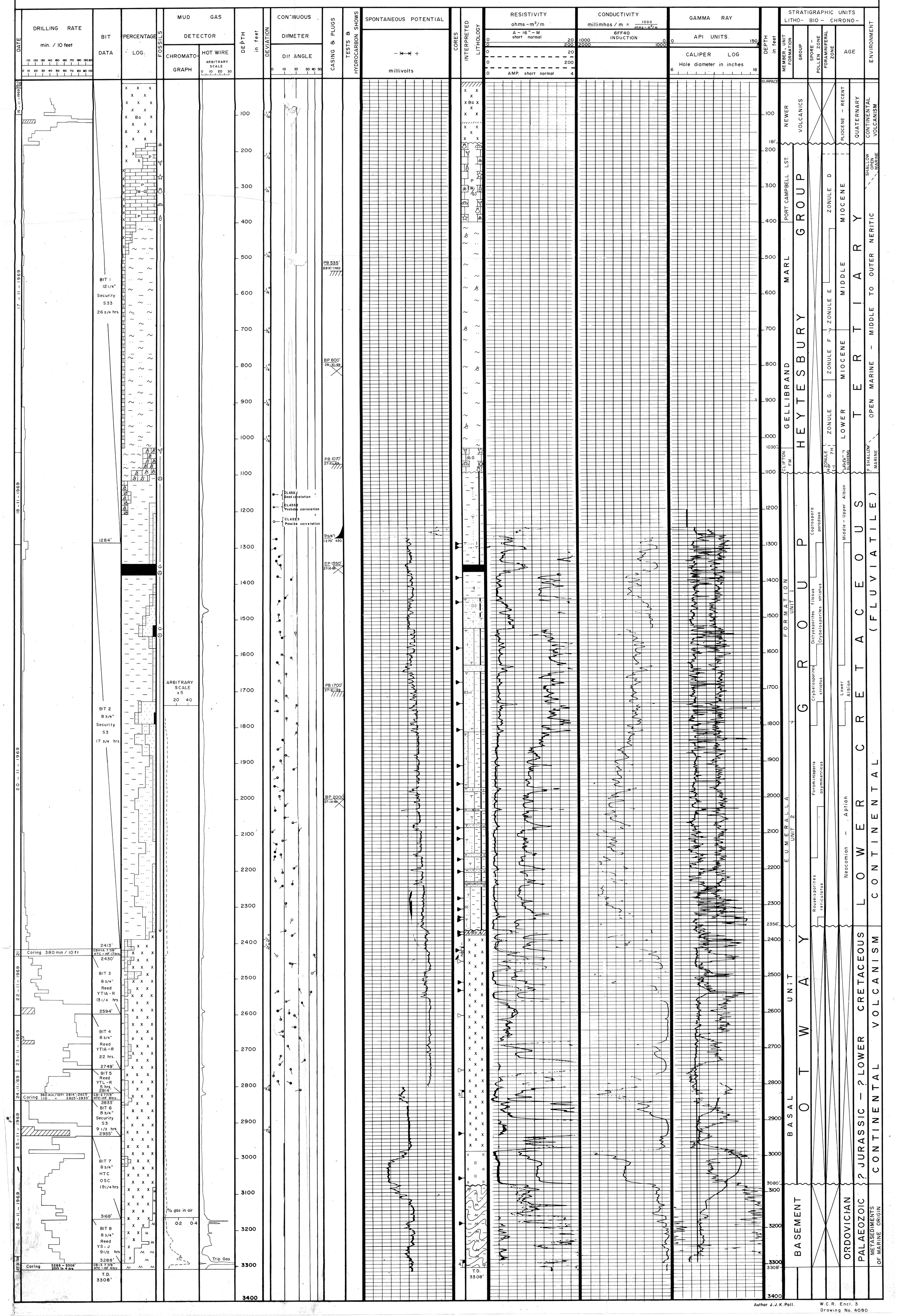
CARBONATE TEXTURES

- W COARSE GRAINED WACKESTONE
- P " " PACKSTONE
- G " " GRAINSTONE

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

CLASTIC COMPOSITION

- Q QUARTZ CLASTS, FINE GRAINED
- (L) SUBLITHIC CLASTS, MEDIUM TO COARSE GRAINED
- Q " " , MEDIUM, TO COARSE GRAINED
- f FELDSPATHIC " , FINE GRAINED
- l LITHIC " , FINE GRAINED
- F " " , MEDIUM TO COARSE GRAINED
- L " " , MEDIUM, TO COARSE GRAINED
- (f) SUBFELDSPATHIC " , FINE GRAINED
- (l) SUBLITHIC " , FINE GRAINED
- (F) " " , MEDIUM TO COARSE GRAINED



Author J.J.K. Poll

W.C.R. Encl. 3
Drawing No. 4090