DEPT. NAT. RES & ENV
PE600535

HALLIBURTON

DRILLING PARAMETER LOG

WELL: CHAMPION-1

12 SEP 1995

PETROLEUM DIVISION

COMPANY : BHPP Pty Ltd.
RIG : OCEAN BOUNTY
AREA : OFFSHORE OTWAY BASIN, VICTORIA
COUNTRY : AUSTRALIA
LOCATION : 38 Deg 32' 33.5" SOUTH, 142 Deg 23' 17.86" EAST
ELEVATION : Air Gap 25.00 m (RT-MSL)
Water Depth 77.80 m (MSL-SB)
DEPTH REF.: ROTARY TABLE

SPUD DATE : 09/08/95
TD DATE : 14/08/95
TD DRILLER : 1882 m (1882 m TVD)
TD WIRELINE : 1859 m (1859 m TVD)
LOGGED FROM : 09/08/95 @ 78 m
LOGGED TO : 15/08/95 @ 1882 m
STATUS : PLUGGED AND ABANDONED

WELL CONFIGURATION

BIT SIZE in	*HOLE DEPTH* m	*CASING SIZE* in	*SHOE DEPTH* m
36	120	20	119
17 1/2	1225	13 3/8	1216
12 1/4	1002		

LOGGING ENGINEERS

A FORD
A JAMES
T GEDDES
R JONES

LOGGING UNIT No.

DEPTH SCALE
1: 500

SYMBOLS

- NEW BIT RUN
- NEW CORE BIT RUN
- CASING SHOE
- LINER HANGER
- CROSS-OVER
- ► SIDEWALL CORE
- ▷ SWC Not Recovered
- CORED INTERVAL Core #
- ☒ Not Recovered
- WIRELINE LOGS RUN
- RFT POINTS
- ← Pressure Only
- Sample
- Seal Failure
- Tight
- NO SHOW
- WEAK SHOW
- FAIR SHOW
- GOOD SHOW

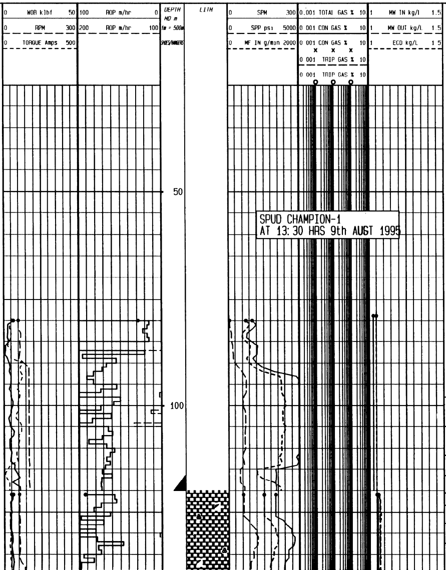
ABBREVIATIONS

NB	NEW BIT	DS	DIRECTIONAL SURVEY
NCB	NEW CORE BIT	WT	WIPER TRIP
RRB	RE-RUN BIT	POH	PULL OUT OF HOLE
CS	CASING SHOE	RIH	RUN IN TO HOLE
SWC	SIDEWALL CORES	WOW	WAIT ON WEATHER
EL	ELECTRIC LOG	LAT	LOGGED AFTER TRIP
WOB	WEIGHT ON BIT	LCM	LOST CIRCULATION MATERIAL
RPM	REVS PER MINUTE	DC	DEPTH CORRECTION
PP	PUMP PRESSURE	DST	DRILL STEM TEST
SPM	STROKES PER MINUTE	RMG	REAMING
CR	CIRCULATED RETURNS	ML	MUD LOSSES
PR	POOR RETURNS	FR	FLOW RATE
NR	NO RETURNS	FC	FLOW CHECK
TG	TRIP GAS	BR	BIT RUN
CG	CONNECTION GAS		
WTG	WIPER TRIP GAS		

MUD DATA

W	WEIGHT	kg/L
MG	MUD GRADIENT	psi/kft
V	FUNNEL VISCOSITY	s/qt
PV	PLASTIC VISCOSITY	cP
YP	YIELD POINT	lb/cf2
GEL	GEL STRENGTH	lb/cf2
pH	ACIDITY	
F	FILTRATE	ml/30m
CK	CAKE THICKNESS	in/32
S	SALINITY	mg/L
SD	SAND CONTENT	%
O	OIL CONTENT	%
WL	WATER LOSS	ml/30m
SOL	SOLIDS CONTENT	%
pF	FILTRATE ALKALINITY	c3/c3
GYP	GYPSUM CONTENT	kg/m3

ANHYDRITE
BASALT
BRECCIA
CALC CLAYSTONE
CALCARENITE
CALCILUTITE
CALCISILTITE
CEMENT
CHERT
CLAYSTONE
COAL
CONGLOMERATE
DOL LIMESTONE
DOL CALCARENITE
DOLERITE
DOLOMITE
HALITE
INTERBEDDED CALC CLAYSTONE AND MARL
LIMESTONE
MARL
SANDSTONE
SANDSTONE (MED)
SANDSTONE (CRS)
SANDSTONE (V. CRS)
SHALE
SILTSTONE
RECRYSTALLISED
FELDSPATHIC
GLAUCONITIC
BIVALVE
RADIOLARITES
BRYOZOA
FORAMINIFERA
GASTROPODA
INOCERAMUS
PLANT REMAINS



COMMENTS

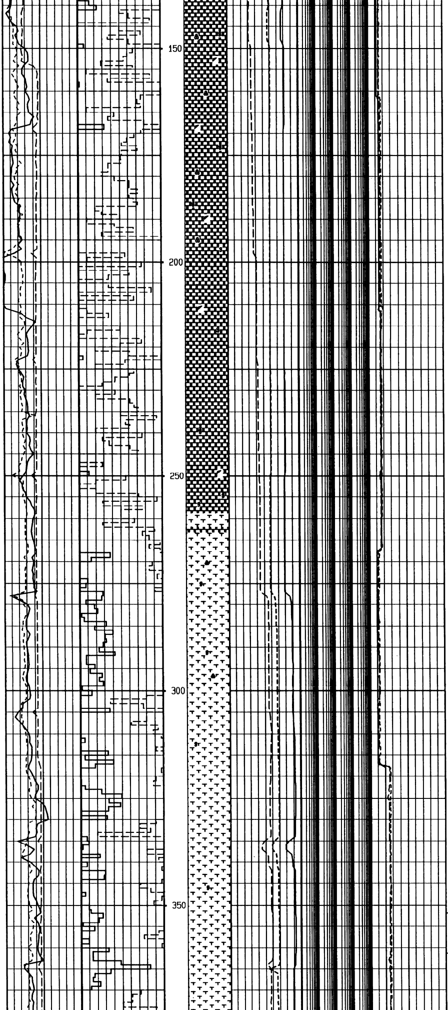
BR1 26"/36"
STC S3SJ
JETS: 2x28, 1x32
IN: 77.4m
OUT: 122.4m
MTG: 45m
HRS: 0.8
COND: 0-0-BC-A-0-I-BC-TD

RETURNS TO SEABED
DRILL WITH SEAWATER/HI-VIS SWEEPS

HOLE DRILLED WITH 26" BIT 36" HOLE OPENER TO 122.40m.

36"/20" CASING-20" SHOE AT 120m

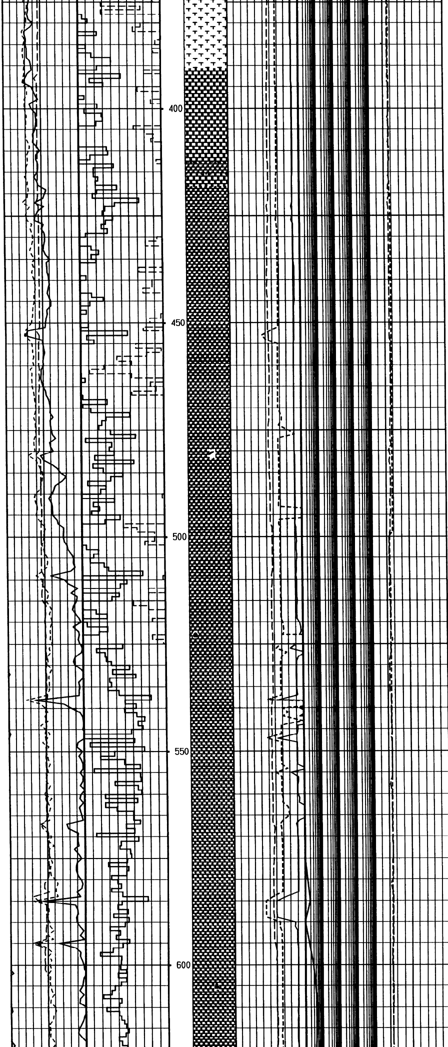
DRILL WITH KCL/POLYMER MUD SYSTEM.



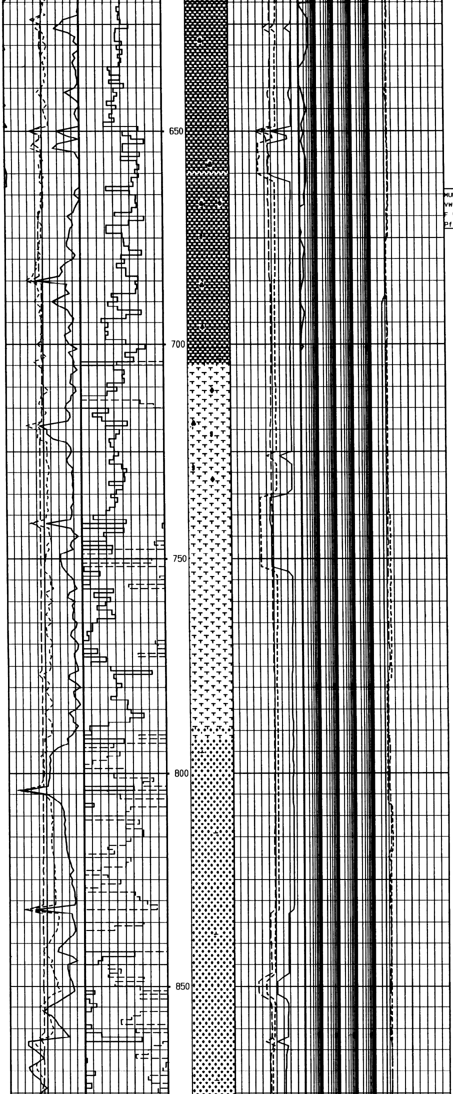
BR2 17.5"
HTC MAX-05
JETS: 22, 22, 18
IN : 120m
MTG : 1105
HRS : 18.52
COND: 2-3-WT-A-
3-1/16-ER-TD

POH TO PICK UP ADDITIONAL BHA

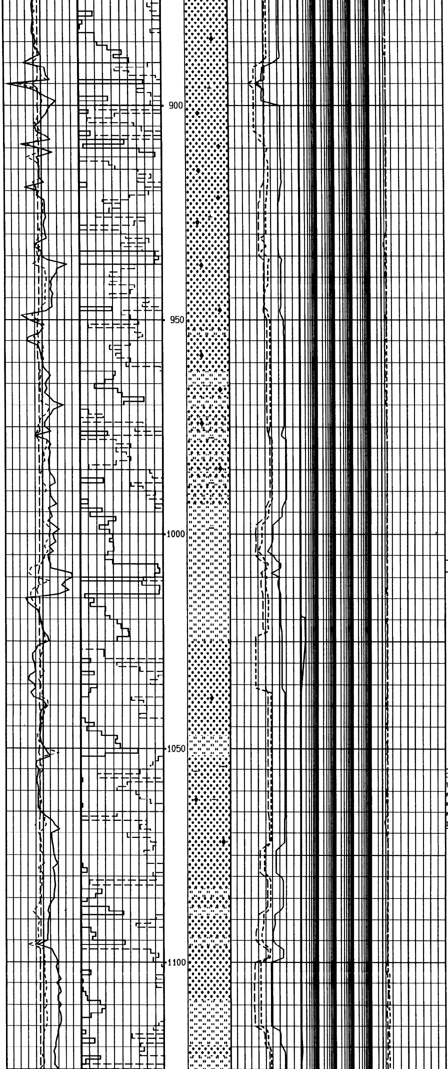
MUD DATA @ 340m
W 1.09, V 60, PV 14, YP 23, GEL 5/15
F 6, CK 1, SOL 6, SD 1, pH 9.5, Pf/Mf
0.25/0.5, Cl 31000, KCl 4.5%



MUD DATA @ 520m
W 1.1, V 56, PV 15, YP 21, GEL 4/12
F 6, CK 1, SOL 6.5, SD 1, pH 9.3,
Pf/Mf 0.2/0.4, Cl 31000, KCl 4.5%

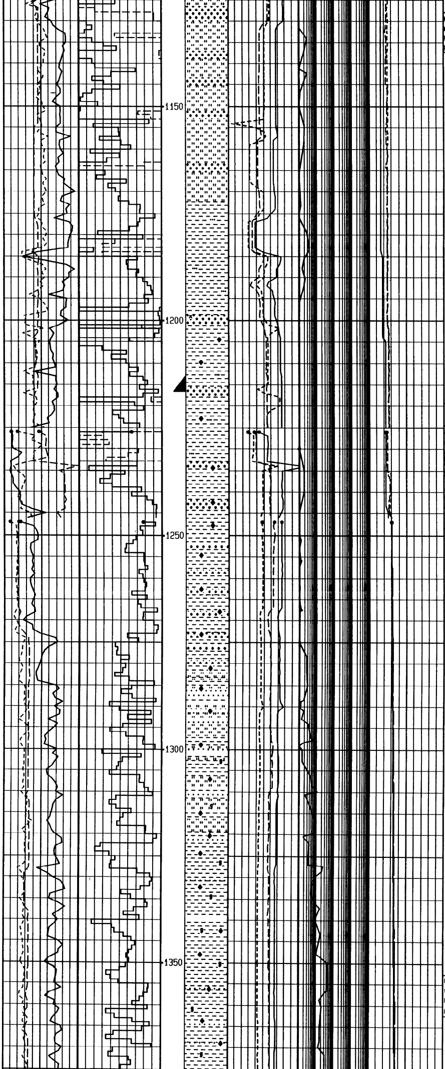


MUD DATA AT 650m
VW 1.1, V 58, PV 14, YP 23, GEL 4/6,
F 5.6, FK 1, SOL 6.0, SD 1.0, pH 9.5,
Pf/Mf 0.8/1.0, CL 32K, KCL 4.5%.



SLOW ROP @ 1010m-BIT BALLING?

CARBIDE LAG CHECK AT 1066m
THEOR. STROKES= 8001
ACTUAL STROKES= 9450
ASSUME PUMPS= 0.1194 BBL/STRK
AT 95%
INFER: 120 BBLS EXCESS OPEN HOLE.



MUD DATA AT 1120m
W 1.1, V 58, PV 14, YP 22, GEL 4/4,
F 5.0, FK 1, SOL 6.0, SD 2.0, pH 9.2,
Pf/Mf 0.3/0.6, CL 33K, KCL 4.0%.

BR3 12.25"
HTC AG526
4x16, 18
IN: 1225m
OUT: 1246m
HRS: 1.6
COND: 3/4/BT
/S/X/2/RO/PR

SPOT 8% KCL PILL @ T.D PRIOR POH
13.375in CASING SHOE AT 1216.5m

CHANGE PUMP LINERS FROM
6.5" TO 6.0" AT 1225m

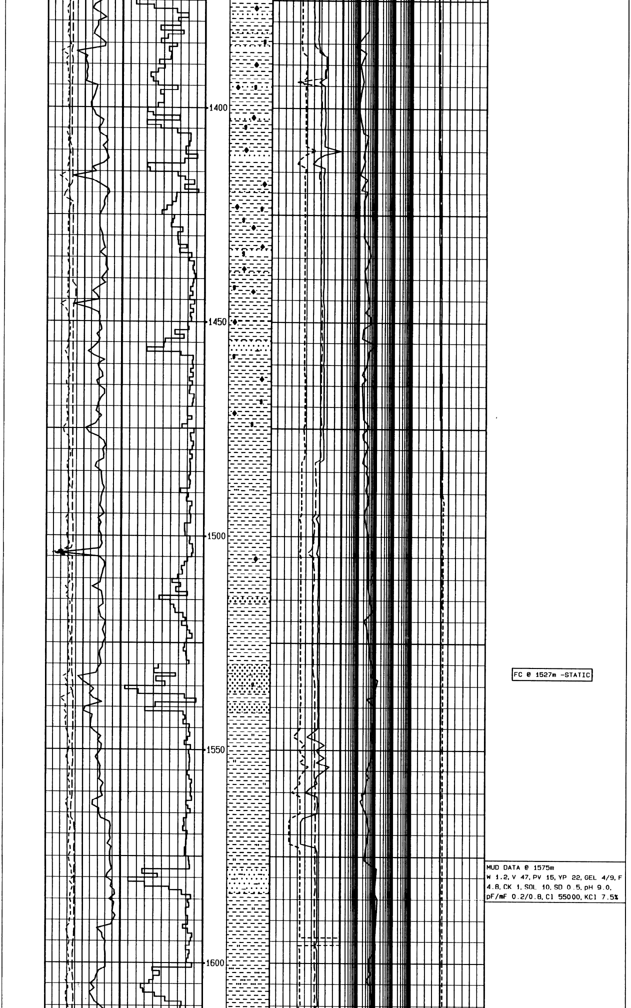
LEAK OFF TEST : 1.92 ppg EMW

MWD MOTOR IN BHA: 0.15 REV/GAL

CONVENTIONAL ROTARY BHA FROM
1246m

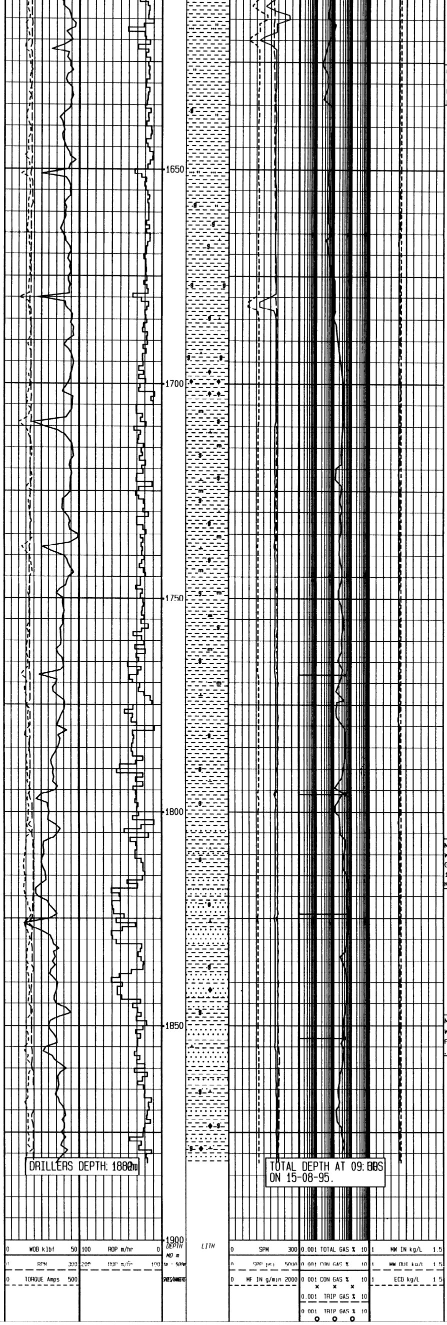
BR4 12.25"
HTC ATM GT18
JETS: 3x18
IN : 1246
MTG : 636
HRS : 46.7
COND: 2-2-WT-A-
E-I-ER-TD.

MUD DATA @ 1356m
W 1.18, V 58, PV 13, YP 24, GEL 4/10
F 4.8, CK 1, SOL 9, SD 0.75, pH 9.3,
pF/mF 0.25/0.65, Cl 54000, KCl 8%



FC @ 1527m -STATIC

MUD DATA @ 1575m
W 1.2, V 47, PV 15, YP 22, GEL 4/9, F
4.8, CK 1, SOL 10, SD 0.5, pH 9.0,
pF/mF 0.2/0.8, Cl 55000, KCl 7.5%



MUD DATA @ 1620m
W 1.2, V 46, PV 14, YP 22, GEL 4/8,
F 4.4, CK 1, SOL 10, SD 0.5, pH 9.2,
pF/mF 0.1/1.1, Cl 53000, KCl 7%

MUD DATA AT 1802m
W 1.2, V 54, PV 15, YP 23,
GEL 4/12, F 4.2, FK 1, SOL
10.0, SD 0.25, pH 9.6, CL 50K
KCL 8.0%.

MUD DATA AT 1882m
W 1.2, V 52, PV 16, YP 22, GEL 4/10,
F 4.2, CK 1, SOL 9.5, SD 0.5, pH 9.3
, Pf/Mf 0.3/0.8, CL 55K, KCL 7.9%.

ELECTRIC LOGS

COMMENTS