BAKER HUGHES INTEQ

DUAL PROPAGATION RESISTIVITY, GAMMA RAY

Company BHP PETROLEUM
Well CHAMPION-1
Field VIC/P30
County OTWAY BASIN
State VICTORIA
Country AUSTRALIA

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Well Location:
Lat : 38 deg 32' 33.54" S
Long : 142 deg 23' 18.66" E

Other Services:

API Number	Sect.	Twp.	Range

Log Measured From Drill Floor Above Perm. Datum
Depth In 1225m MWD Start 13-08-1995 Perm. Datum
Depth Out 1882m MWD End 15-08-1995 M.I.S.L.W.

Elev. KB N/A
Elev. DF 25.00
Sea Bed/GL 53.7

Bore Hole Record			Casing Record		
Hole Size	From	To	Casing Size	From	To
36"	Seabed	120.0m	30"	Seabed	120.0m
26"	Seabed	120.0m	20"	Seabed	120.0m
17 1/2"	120.0m	1225.0m	13 3/8"	Seabed	1216.5m
12 1/4"	1226.0m	1882.0m			

Drilling Contractor DIAMOND M OFFSHORE Rig OCEAN BOUNTY

1:500

MEASURED DEPTH

DEPT. NAT. RES & ENV
PE600539

FINAL PRINT

Company Rep. H. ROBERTS A. BANKS
FIELD G. BAYNES
PERSONNEL K. FERNANDES
Job # TAU 305

Bit Run No.	3	4				
Teleco Data						
Run Number	1	2				
DHA Number	DHB 8475-05	DHB 8475-05				
Surface Gear	TR 1000	TR 1000				
Tool OD / Type	8 1/4"/ DPR	8 1/4"/ DPR				
Run Data						
Bit Diameter	12 1/4"	12 1/4"				
Measured Depth In	1225m	1246m				
Measured Depth Out	1246m	1882m				
Top Interval Logged	1217m	1230m				
Btm Interval Logged	1230m	1870m				
Min/Max Inclination	1.7 deg	0.4/0.9 deg				
Begin Log : Time	11:10 hrs	23:30 hrs				
Begin Log : Date	13-08-1995	13-08-1995				
End Log : Time	15:22 hrs	09:15 hrs				
End Log : Date	13-08-1995	15-08-1995				
Mud Data @ Depth	1225m	1670m				
Mud Type	KCl Polymer	KCl Polymer				
Density from-to	1.14 sg	1.18-1.2 sg				
Mud Chlorides	36000 ppm	53000				
Oil/Water Ratio	0/100	0/100				
Max Circ. Temp	36 deg C	58 deg C				
Company Rep.	H. ROBERTS	H. ROBERTS				
Field Eng.	G. BAYNES	K.FERNANDES				

Remarks

LOG MNEMONICS:

GRAM = Natural Gamma Ray, API Calibrated [RWD]
TCDM = MWD Tool Temperature [RWD]
RPCM = Resistivity Phase Difference, Dielectric Corrected [RWD]
RACM = Resistivity Amplitude Ratio, Dielectric Corrected [RWD]
PDEM = Resistivity, Elapsed Time Since Drilled [RWD]
PDDM = Resistivity, Data Density Integrated
WBCS = Weight On Bit [Surface]
ROPS = Rate of Penetration [Surface]

LOG ENVIRONMENTAL CORRECTIONS:

Gamma Ray: Normalised for Tool Size, Borehole Size, Sensor Type. Correctio has been made for mud potassium content.

Resistivity: Normalised for Tool Size, Borehole Size, Mud Resistivity, Temperature. Correction has been applied for Formation Dielectri Properties.

MWD Transmission Data Rate : x 4 Splitphase (0.8 bits/second)

Surface Logging System / Software: P-Series / 2.13

Surface Data Obtained from Baker Hughes INTEQ : Bit Depth
Rate of Penetration
Weight on Bit

Remarks

TOOL & DATA AQUISITION INFORMATION

BHI Run Number	1	2
Bit to Btm of BHI Tool	13.88	10.62
Bit to Resistivity	14.40	11.14
Bit to Gamma Ray	15.78	12.52
Bit to Directional	18.44	15.18
Run Circulating Hours	6.50	35.00
RWD Memory Updata Rate (Seconds)		
- Gamma Ray	5.00	5.00
- Resistivity	5.00	5.00

REMARKS:

Remark 1 - MWD services completed at 1882m.

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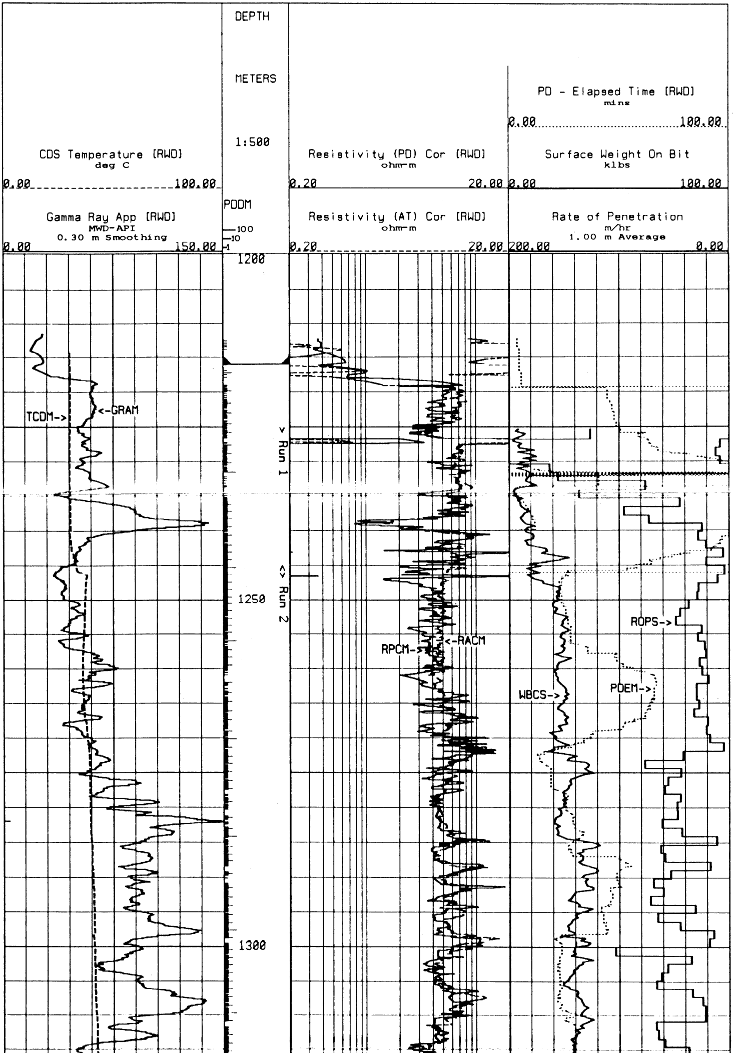

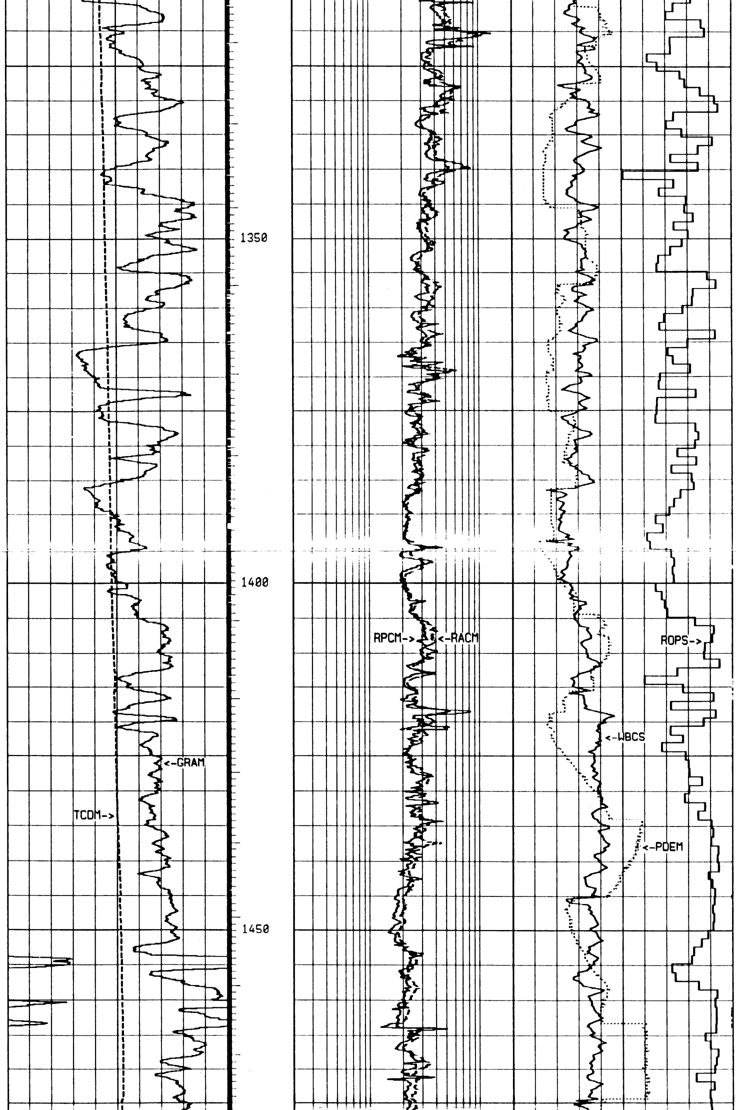

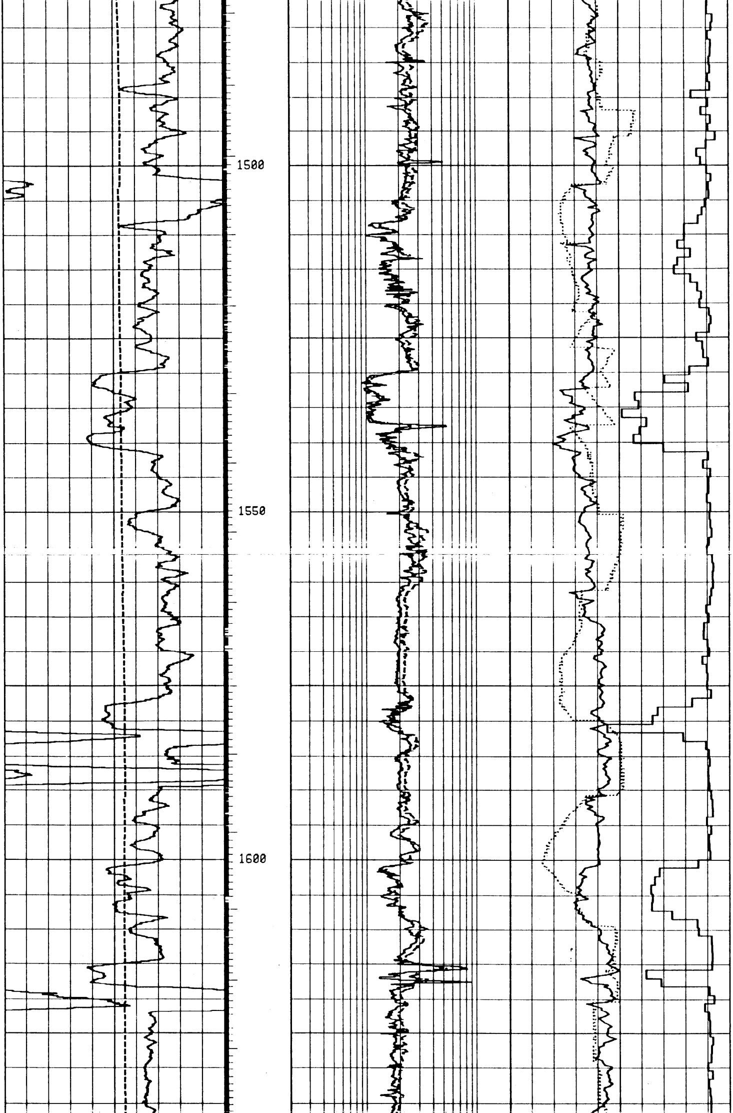

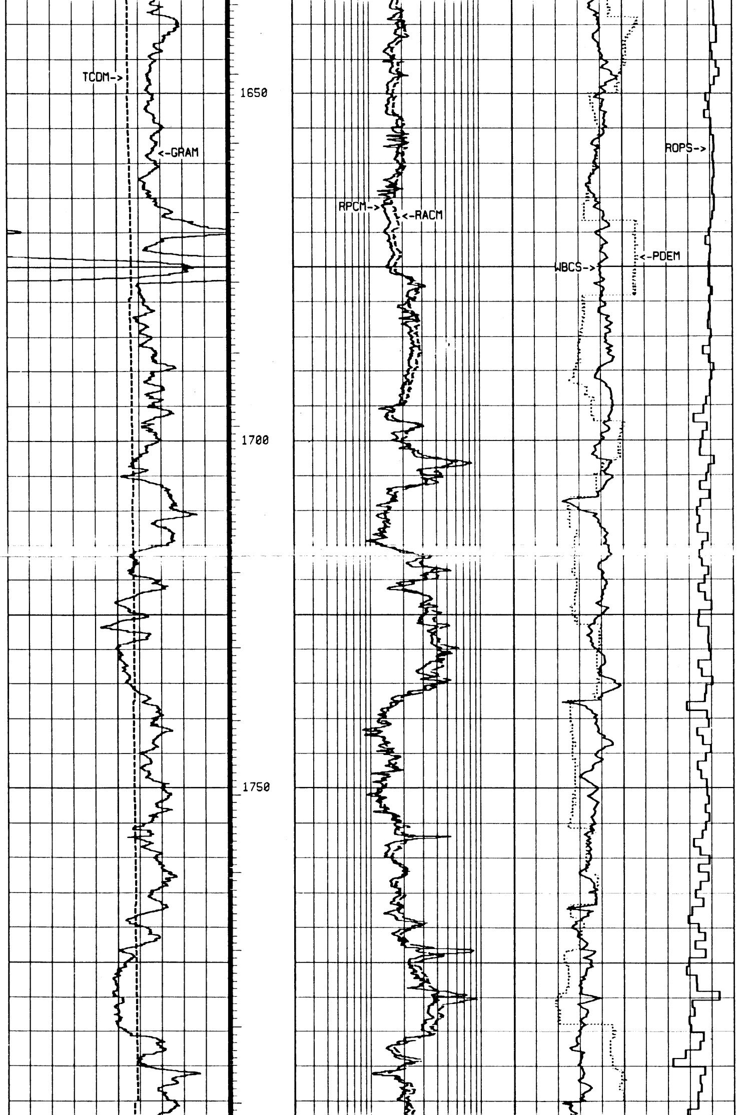

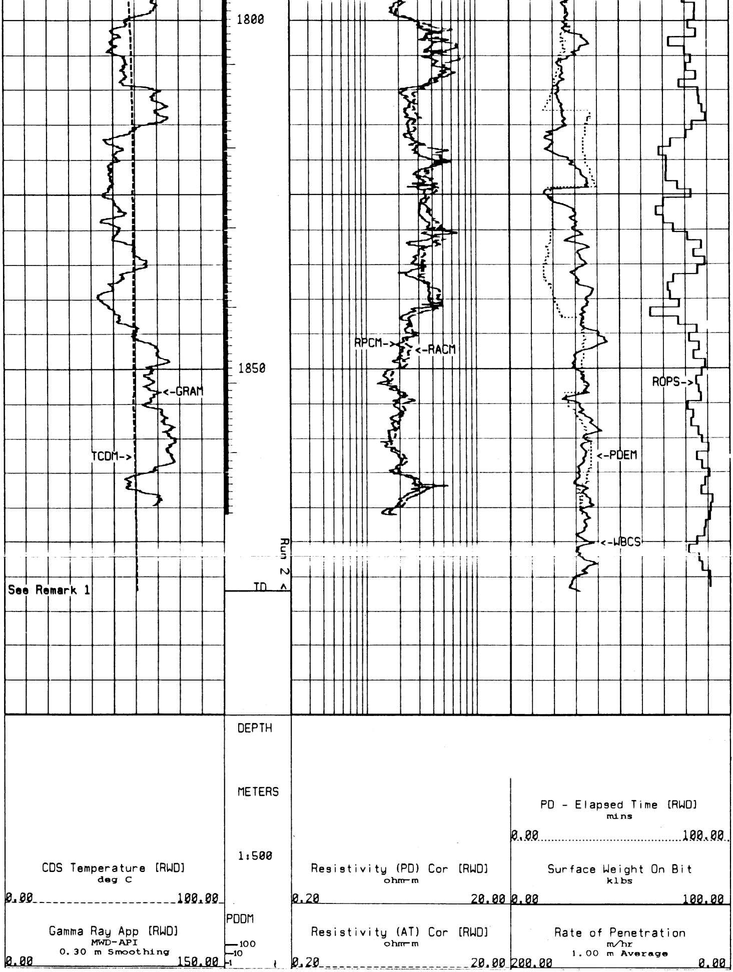

BHIMWD DIRECTIONAL SURVEY LISTING

Company.................... BHP PETROLEUM
Well....................... CHAMPION-1
Survey Cal . Method........ Minimum Curvature
Vert. Sect. Calc. Method... Overall
Proposed Azimuth.......... -

BHIMWD Job ID.......... TAU 305
Grid Correction........ -
Mag. Decl. Corr........ 10.56 deg
Grid Decl. Corr........ -

M.DPTH meters	CRS LEN meters	INCLINATION degrees	AZIMUTH degrees	T.V.D. meters	VERT.SECT. meters	NORTH/SOUTH meters	EAST/WEST meters	DOGLEG SEV. d/30m
0.00	0	0.00	0.00	0.00	0.00	0.00N	0.00E	TIEON
146.00	146	0.40	0.00	146.00	0.51	0.51N	0.00E	0.08
579.00	433	0.20	0.00	578.99	2.78	2.78N	0.00E	0.01
1174.00	595	1.90	0.00	1173.87	13.68	13.68N	0.00E	0.09
1226.00	52	1.70	309.00	1225.85	15.03	15.03N	0.60W	0.90
1487.00	261	0.40	8.80	1486.80	18.36	18.36N	3.47W	0.18
1777.00	290	0.90	53.80	1776.78	20.71	20.71N	1.48W	0.07
1867.00	90	0.60	45.00	1866.78	21.46	21.46N	0.57W	0.11

NOTICE: FIELD COPY ONLY. CERTIFIED SURVEY RESULTS WILL BE PROVIDED AFTER SUBMISSION TO BHIMWD OFFICE.

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