



BODALLA SOUTH-18

WELL COMPLETION REPORT

PL 31
South Australia

Beach Petroleum Limited
A.B.N. 20227 617 969
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February 2008

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WELL DATA CARD**BODALLA SOUTH-18****PAGE 1 of 1**

Location:	Survey:	Bodalla South 3D	Permit:	PL 31	
	Inline:	425	Participants:	Beach Petroleum Ltd (Op)	100%
	CDP:	187			
	Latitude:	26° 26' 39.5023" S	Status:	Cased and suspended.	
	Longitude:	143° 25' 10.1014" E	Type Structure:	Anticline	
	Easting:	741 260.644	Rig:	Hunt Energy	2
	Northing:	7 072 841.178	Total Depth:	Driller:	1524.0m
	Projection	MGA Zone 54		Logger:	1523.0m
	Spheroid	GRS 80 Ellipsoid	Plugs:	Nil	
	Datum	GDA 94	Hole Sizes:	311mm (12 ¼")	202.0m
Elevation:	GL:	149.40 m		216mm (8 ½")	1524.0m
	RT:	153.2 m	Casing:	Size	Shoe
Date Spudded:	05/08/2007	01:00 hours	(a) Conductor	406mm (16")	10.0m
Reached TD:	09/08/2007	17:30 hours	(b) Surface	244mm (9 ⅝")	198.8m
Date rig release:	16/08/2007	19:00 hours	(c) Production	178mm (7")	1518.4m

STRATIGRAPHIC UNITS PENETRATED

AGE	FORMATION	Depth (mRT)	Depth (mTVDSS)	Thickness (mTVT)
L. Tertiary- Recent	Surficial Deposits & Winton Fm	3.8	149.4	483.2.0
E. Cretaceous	Mackunda Formation	487.0	-333.8	141.0
E. Cretaceous	Allaru Mudstone	628.0	-474.8	192.0
E. Cretaceous	Toolebuc Formation	820.0	-666.8	16.0
E. Cretaceous	Wallumbilla Formation	836.0	-682.8	231.0
E. Cretaceous	Cadna-Owie Formation	1067.0	-913.8	79.5
E. Cretaceous	Murta Formation	1146.5	-993.3	18.5
L. Juras – E. Cret	Namur Sandstone	1165.0	-1011.8	103.0
L. Jurassic	Westbourne Formation	1268.0	-1114.8	108.2
L. Jurassic	Adori Sandstone	1376.2	-1223.0	18.0
M. Jurassic	Birkhead Formation	1394.2	-1241.0	61.7
M. Jurassic	Hutton Sandstone	1456.0	-1302.8	68.0+
	TD	1524.0	-1370.8	

WIRELINE LOGS (Schlumberger)

Type Log	Run	Interval (m)	Max Temp Recorded
HALS-BHC-PEX-GR-SP	1	1520.71 – 199.0m GR recorded to surface. High resolution recorded TD to 1270m.	88 degC 7:10 hrs after circ. stopped

DRILL STEM TESTS

No	Formation / Interval (metres)	Periods (mins)	EMP IP/FP (psi)	EMP FSIP (psi)	Fluid to surface (mins)	Surface Press (max) (psi)	Result
1	Birkhead Formation 1444.01 – 1455.41 m (Conventional Straddle)	5/30 60/90	33.3 50.8	1755.2 1736.7	Nil	Nil	Reversed out rat hole mud with condensate/oil film. Sample chamber contained mud with a skim of oil. Formation appeared to be very tight.
2	Basal Birkhead / Top Hutton Fms 1455.02 – 1459.07m	N/A	N/A	N/A	Nil	N/A	Misrun
3	Hutton Formation 1455.22 – 1459.95 m	5/30 120/90	77.5 460.6	1938.6 1938.5	Nil	Nil	Reversed out 8.5 bbl of light oil and 9.2 bbl of mud cut water with 1 litre of oil with muddy water from sample chamber.

PERFORATIONS

Interval	Formation	Gun				Charges	
		Size	Type	Phase	S / ft.	Type	Gram

LOG INTERPRETATION (Schlumberger)

Interval (mRT)	Formation	Gross (m)	Net Pay (m)	Phit Av %	Swt Av %	Vcl Av %
1455.8 – 1524.0	Hutton Sst	68.2	3.15	15	42	19

Cut-offs for Reservoir Summary: Phie \geq 0.1, Sw_c = 0.5, Vcl \leq 0.5

SUMMARY

The Bodalla South Oilfield in PL 31 is located in southwest Queensland, approximately 900km west of Brisbane (Figure 1). The field was discovered in 1984, and commenced production in the same year from sandstones of the Birkhead/Hutton and Basal Jurassic intervals. To date, more than six and a half million barrels of oil has been produced. Most wells now produce at high water-cuts, and ongoing development drilling is aimed at attic and unswept oil reserves that lie within a complex reservoir stratigraphy in the upper portion of the Hutton Sandstone and in the lower Birkhead Formation.

The Bodalla South Field is an elongate dip-closed anticline at the level of the 'Birkhead Datum' (Figure 2), formed over a regional, fault-controlled basement ridge. Structural control is currently provided by the Bodalla South 3D seismic survey that was acquired and processed in 2003/2004. Bodalla South-18 was the fourth well to be drilled on the field since acquisition of the 3D seismic survey.

The Bodalla South-18 development well was proposed to develop oil located in the northern portion of the field between the recently completed Bodalla South-16 and the older Bodalla South-1 and -12 producers. Bodalla South-16 showed undrained oil in the northern area within fair quality reservoir, indicating that additional drilling will be required to access these oil reserves. In a success case the well was estimated to address a mean incremental reserve of 90kstb within the Birkhead/Hutton.

The nearest offset wells to Bodalla South-18 are Bodalla South-1, Bodalla South-12 and Bodalla South-16.

Bodalla South-18 spudded on the 5th August 2007 (01:00 hrs). A 311mm (12 ¼") hole was drilled to 202.0m and 244mm (9 5/8") surface casing was run to 198.8m and cemented. 8 ½" hole was drilled to a total depth of 1524.0 m then wireline logging was carried out.

Trace moderate shows were described in the Westbourne Formation from 1272.0 to 1315 m in very fine sandstone aggregates with bright yellow-white, diminishing to dull brown fluorescence. The interval from 1330 to 1340 meters recorded 10 to 30% bright white, even fluorescence in tight moderate to poor sorted sandstone aggregates with very slow blooming cut, moderate blooming crushed cut and thin film and ring residue. In the Lower Birkhead Formation from 1450 to 1458 meters trace to 10% moderately bright yellow-white to blue-white fluorescence was described in fine to medium moderate sorted aggregates with trace to common matrix. The fluorescence was patchy with a slow blooming cut, moderate to slow blooming crushed cut and a thin film and ring residue. Good shows were described in the Upper Hutton Sandstone from 1458 to 1470 meters with 10-50%, moderate to bright yellow-white fluorescence with dull overall fluorescence in part, a moderate streaming cut, fast streaming crushed cut and occasionally moderate blooming cut with thick blue-white ring residue. Shows decreased to trace and patchy from 1470 to 1480 meters with a very slow blooming cut, slow blooming crushed cut and thin blue film and ring residue.

A suite of wireline logs (HALS-BHC-PEX-GPIT) were run from TD to casing shoe, with GR acquired to surface. Three drill stem tests (DST) were carried out over the Basal Birkhead/Hutton sequence. DST#1 recovered rate hole mud with a condensate/oil film from drill pipe from the Basal Birkhead Formation. DST#2 was a misrun. DST#3 recovered 8.5 bbl of light oil and 9.2 bbl of mud cut water from drill pipe from the Hutton Sandstone. One litre of oil with muddy water was recovered from the downhole chamber.

Log analysis (Schlumberger) indicates 3.2 m of net pay in the Hutton Sandstone using cut-offs of PHIE > 10%; Vcl < 50% and SWT < 50%.

Bodalla South-18 was cased and suspended as a future oil producer and the rig released on 16th August 2007 at 19:00 hrs.

Wellsite Geologist:	Peter Morris	Card Prepared by:	Andrew Hodgson	Date:	February 08
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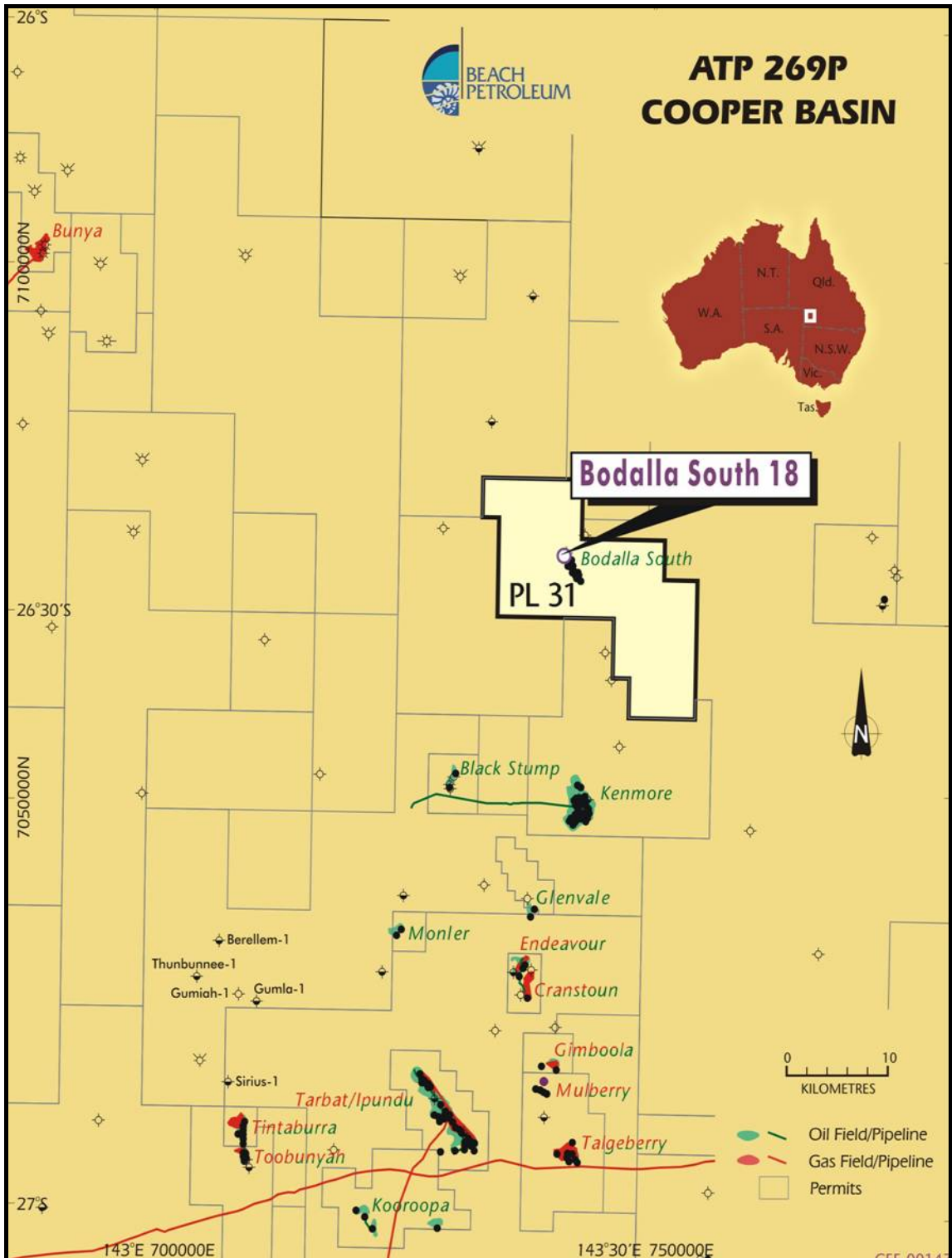


Figure 1: Bodalla South-18 Location Map

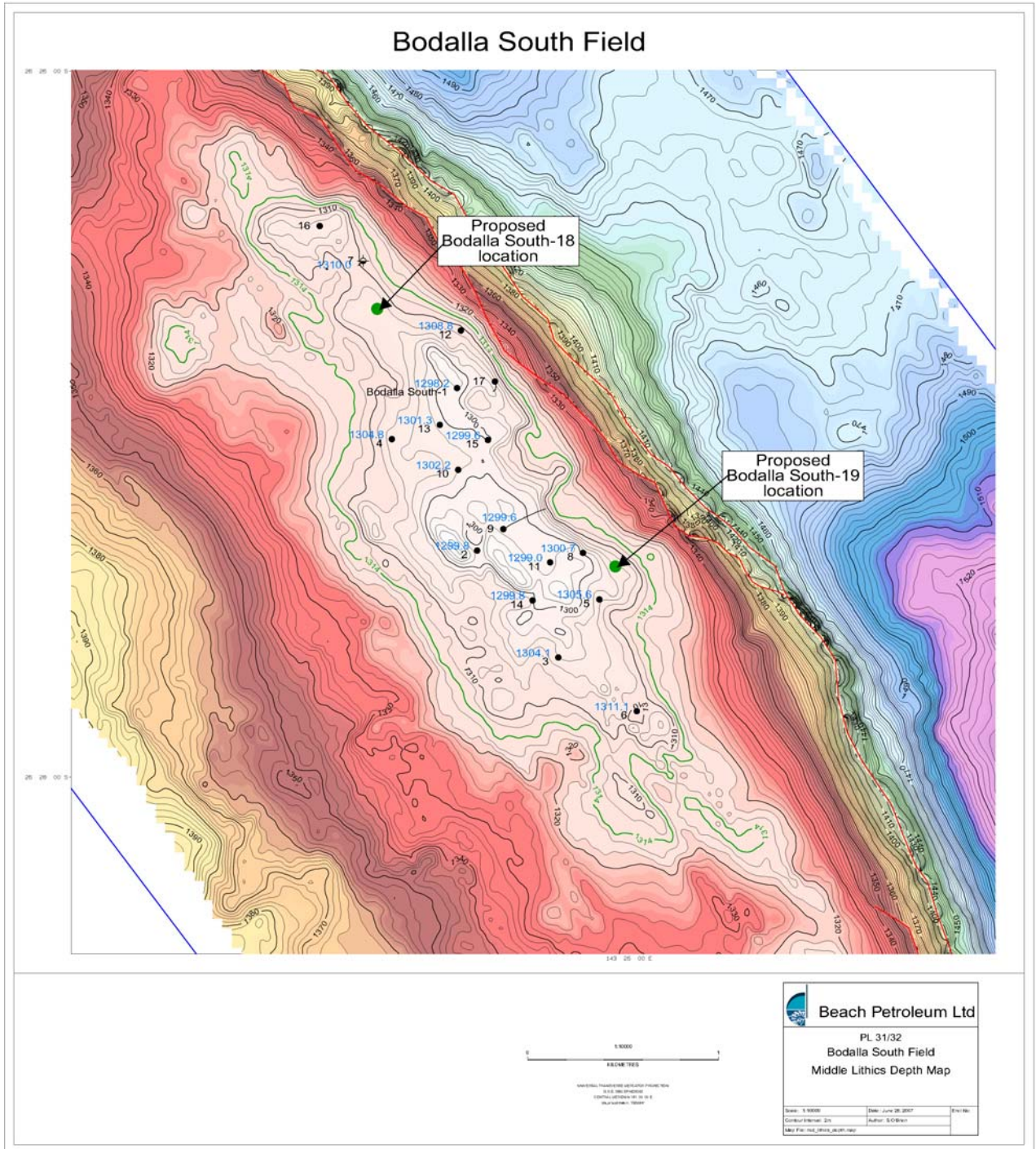


Figure 2: Bodalla South-18 Pre Drill Depth Structure Map at Birkhead Datum.

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2 WELL HISTORY

2.1 General Data

2.1.1	Well Name and Number	:	Bodalla South-18																				
2.1.2	Location	:	<table> <tr> <td>Latitude</td> <td>26° 26' 39.5023" S</td> </tr> <tr> <td>Longitude</td> <td>143° 25' 10.1014" E</td> </tr> <tr> <td>Easting</td> <td>741 260.644 E</td> </tr> <tr> <td>Northing</td> <td>7 072 841.178 N</td> </tr> <tr> <td>Projection</td> <td>MGA Zone 54</td> </tr> <tr> <td>Spheroid</td> <td>GRS 80 Ellipsoid</td> </tr> <tr> <td>Datum</td> <td>GDA 94</td> </tr> <tr> <td>Survey</td> <td>Bodalla South 3D</td> </tr> <tr> <td>Inline</td> <td>425</td> </tr> <tr> <td>CDP</td> <td>187</td> </tr> </table>	Latitude	26° 26' 39.5023" S	Longitude	143° 25' 10.1014" E	Easting	741 260.644 E	Northing	7 072 841.178 N	Projection	MGA Zone 54	Spheroid	GRS 80 Ellipsoid	Datum	GDA 94	Survey	Bodalla South 3D	Inline	425	CDP	187
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Inline	425																						
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2.1.3	Elevations	:	<table> <tr> <td>G.L.</td> <td>149.40m</td> </tr> <tr> <td>R.T.</td> <td>153.20m</td> </tr> </table>	G.L.	149.40m	R.T.	153.20m																
G.L.	149.40m																						
R.T.	153.20m																						
2.1.4	Petroleum Tenement	:	PL31																				
2.1.5	Name of Operator	:	Beach Petroleum Ltd (100.0%) 25 Conyngham St Glenside SA 5065																				
2.1.6	Other Participants	:	Nil																				
2.1.7	Date Drilling Commenced	:	01:00 hours 5 th August, 2007																				
2.1.8	Date Drilling Completed	:	17:30 hours 9 th August, 2007																				
2.1.9	Date Rig Released	:	19:00 hours 16 th August, 2007																				
2.1.10	Total Depth	:	<table> <tr> <td>Driller</td> <td>1524.0m MD</td> </tr> <tr> <td>Logger</td> <td>1523.0m MD</td> </tr> </table>	Driller	1524.0m MD	Logger	1523.0m MD																
Driller	1524.0m MD																						
Logger	1523.0m MD																						
2.1.11	Status:	:	Completed oil producer.																				

All depths reported in this well completion report are measured depth relative to the rotary table (MDRT) unless otherwise stated.

2.2 Rig Data

- 2.2.1 Drilling Contractor : Hunt Energy and Mineral Co Australia Pty Ltd,
Lonsdale 15 Scarborough Way 5160 South Australia.
- 2.2.2 Rig : Rig #2
- 2.2.3 Draw Works : Mac Model-400 (500 HP)
Single Drum Draw works S/N 5-20-81.
Lebus 1-1/8" Main Drum Grooving.
Air Operated Makeup and Breakout Catheads fitted
with Tong Line Torque Gauge.
2 Engine Compound and Drillers Console, Master
skidded.
- 2.2.4 Engines : Powered by 2 x Skid/Floor Mounted Caterpillar Model
3406-TA air start diesel engines, F-11524-TC1 Twin
Disc Torque Converters with Airflex 16-CB-500
Clutches. Motor Rating: 275 Hp at 1,800 rpm each.
(Engine s/n 90U14147 and 90U14162).
- 2.2.5 Brake : Parmac 22" Single Rotor Hydromatic Brake
- 2.2.6 Rig Capacity : Drilling Depth 2,100mtr with 4-1/2" Drill Pipe
- 2.2.7 Substructure : Box type, (G.L. to K.B. 14.00ft,) 11' High (below
rotary) x 18' Wide x 40 Foot Long, fitted with all
necessary and Certified Cross Braces and Rotary
support beams.
8' load skids for one piece rig moving.
Mudline manifold (4"), 36" folding walkways,
stairways, hand rails and Drillers House (Dog house).
- 2.2.8 Derrick : Al Hicks Model AH-100. Ground Height 100', Pen
Type Cantilever Mast, 14 feet 9-3/4" leg Span.
Maximum static hook load 300,000lb with 8 lines.
Racking capacity for 4-1/2" Drill pipe 6,000ft with
600ft Bottom Hole Assy.
- 2.2.9 Crown Block : Al Hicks Model AHC-300, 5 x 1-1/8" Sheaves
including fast line and dead line sheaves.
- 2.2.10 Crown-O-Matic : Koomey Model-TCB Crown Block Safety Device.
- 2.2.11 Floor Winch : Ingersol Rand HU Series.
- 2.2.12 Travelling Block : Sowa Model S-150-4 , 150 Ton, 4 x 1-1/8" Sheave
Unitised Block and Hook..
- 2.2.13 Rotary Swivel : Tri-Service Machine Model TSM-150 Swivel 150 ton
Rating @ 100 RPM
- 2.2.14 Rotary Table : Oilwell Mdl-175, (17-1/2"), oil bathe, c/w Varco
"MSS" split Master Bushings.

- 2.2.15 Mud Pumps : No. 1
One (1) Tri Service Machine TSM-500 (7-1/2" x 16") Duplex Mud Pump, Api-7, S/N 149, Forged Steel fluid End, Quick Change Cylinder Heads, Oteco 2" SRV, Oteco model 7 pressure gauge, Belt Driven by Caterpillar D-353-E Diesel Engine, Hydril K-10 x 3,000 pulsation dampener, Twin Disc PTO all on an Oilfield Skid. (Engine Serial # 46B09555 Arrangement # 7N3199).
- No. 2
One (1) Continental Emsco DB-550 (550 HP) (7-1/2" x 16") Duplex Mud Pump, Api-8, S/N 262, Oteco 2" SRV, Belt driven By Caterpillar D-353-E Diesel Engine, Continental Emsco 3,000lb Pulsation Dampener, Twin Disc PTO, Oilfield Skid Mounted. (Engine Serial # 46B05099 Arrangement # 8L3921).
- 2.2.16 Standpipe : 4" x 5,000lb Manifold fitted with Demco 4" Gate Valve
One (1) 3-1/2" ID x 55 ft x 4,000/8,000psi Kelly Hose.
- 2.2.17 Mud System : 2 x 300 Barrel Tanks incorporating 80 bbl pill tank and 40 bbl Trip tank.
- 2.2.18 Shale Shakers : Drilling Fluid Equipment Linear motion SCR-01 Single three screen shaker.
- 2.2.19 Agitator : Lightnin 72Q7.5 Mixer c/w 25hp Exp Motor.
- 2.2.20 Degasser : Demco Model 122.2 x 12" Cones with 6 x 8 Centrifugal Pump driven by 50 HP Electric Motor.
- 2.2.21 Desilter : Harrisburg Model 600-12 (600 GPM)
12 x 4" Cone Assembly, with Mission 6 x 8 centrifugal pump driven by a 50 HP electric motor.
- 2.2.22 Desander : Demco Model 122.2 x 12" Cones with 6 x 8 Centrifugal Pump driven by 50 HP Electric Motor.
- 2.2.23 Mud Mixing : Demco Style Hopper charged by 6 x 8 centrifugal pump driven by a 50 Hp electric motor.
- 2.2.24 BOP's : Ram BOP:
One (1) Shaffer Double Gate 13 5/8" x 3000 Type "B" complete with CSO, 2-3/8", 2-7/8", 3-1/2", 4-1/2" and 7" Ram assembly
- 2.2.25 Accumulator : Ross Hill G-180-E-20-2-AG (8 station) 180 gallon Accumulator with 1 x Triplex pump c/w 20hp 60HZ Electric motor fitted with 2 only Haskel GW35 56:1 ratio backup Air Pumps c/w remote skid mounted Drillers.
- 2.2.26 Choke Manifold : One (1) Cameron Skid Mounted Choke Manifold consisting of:

7 x 2-1/16" x 3,000 Cameron Gate Valves
 2x CPI 2-1/16" x 5,000 Adjustable Chokes.
 1 x 2-1/16" x 3 M x 5M Tees/Crossovers and
 manifolding.

- 2.2.27 Kill Line : Kill Line
 3x 3-1/8" x 3,000 Cameron manual valves
 Continental Emsco XHP series 2" 15,000 WP swivel
 lines.
- 2.2.28 Instrumentation : Martin Decker 7 Pen Record-O-Graph
 Martin Decker "Clipper" Weight Type Indicator
 Martin Decker GM-6 Series Mud pressure System
 Martin Decker Pump Stroke Indicators
 Totco TS Rotary Tong Torque System
- 2.2.29 Mud Monitoring : AOI-300 Series Flow Indicator System
 AOI Digital Read Out Stroke Counter
 AOI-1000 Series Pneumatic Mud Monitoring System
- 2.2.30 Survey Unit : Totco Operating Unit No. 6 (P/N ABA8AT5N9)
 Double recorder 0-8 degree. Go-devil series
 1-5/8" OD x 1-1/4" ID.
- 2.2.31 Automatic Driller : Martin Decker "Satellite" Apollo Auto Driller
 Model: SA-100-50-1500.
- 2.2.32 toooPipe Spinner : Varco SSW10 Pneumatic
- 2.2.33 Kelly Spinner : Foster Model 77 Pneumatic
- 2.2.34 Kelly : 1 x 4 1/4" Square x 40 ft Kelly with 6-5/8" Regular LH
 Box up and 4" FH Pin Down.
- Upper Kelly Valve
 M&M Upper Kelly Cock 6-5/8" Regular LH Pin/Box
 Connection 10,000psi test.
- Lower Kelly Valve
 M and M. 4-1/4" x 10,000 (4"IF Pin/Box) Canister type
 Lower Kelly Cock
- 2.2.35 Kelly Drive Bushing : Varco 4-1/4" HDS
- 2.2.36 AC Generators : One (1) Caterpillar SR4 alternator Powered by Cat-
 3406PC 256 KVA Serial # 90U9591
 Arrangement # 6N459
- One (1) Caterpillar Model: SR-4 (112 KVA) Generator
 Serial # 5CA02364 Powered by Cat-3304 Diesel engine
 Serial # 4B23410
- One (1) Kubota 5KVA Portable Generator
 Serial # RK125-2X

- 2.2.37 Air Compressors : One (1) Elgi model 5515 Compound Compressor
 One (1) Ingersol Rand Series 3000 Compressor Serial # 0007384 Powered by Siemens 25HP 60HZ electric motor
- 2.2.38 Drill Pipe/Collars : One (1) John Wood Co 200psi air receiver
 Drill pipe
 200 joints 4-1/2" Grade 'S' 16.6 lbs/ft Range 2 with 4"IF pin/box connections
 Heavy-Weight Drill pipe
 6 joints - 4-1/2" OD with 4" IF connections.
 Drill Collars
 3 each 8" OD Spiral x 2-13/16 x 30 ft
 1 each 8" OD Spiral (6 ft) Pup Joint.
 26 each 6 1/4" OD Spiral and Slick x 2-13/16"ID x 30 ft
 Slip recess only, with 4"IF pin/Box connections
- 2.2.39 Communications : 1 x S-3000 Satellite Telephone (Optus) with fax
 1 x Digital Mobile phone for camp
 1 x Mobile CDMA network Hand held

2.3 Drilling and Completion Data

2.3.1 Drilling Data Summary

The following is the daily operations summary for Bodalla South-18. It has been compiled from the tour sheets and daily drilling reports (Appendix 1). Gary Mogg provided onsite drilling supervision for Beach Petroleum Ltd. A final time-depth curve is provided in Figure 3. The drilling bit record is included in Appendix 3.

The depths in the following summary are those reached at 2400 hours on each day with the operations given for the previous 24 hour period.

Date	Depth metres	Operation
05.08.07	202.0m	Make up crossover, bit , bit sub on Kelly. Prepare to spud. Carry out hazard hunt. Spud and drill 12-1/4" surface hole to 70m. Circulate and run wireline survey at 37m, 1/2Deg N45E. Drill from 70m to 155m. Circulate and survey at 121m, 1/2Deg N30E. Drill from 155m to 202m. Cellar washed out at 160m around mousehole and continued drilling. Circulate and clean hole. Pooh to 33m for wiper trip. Lay down 12-1/4" Sstabilizer and pooh to surface. Clean bit. Rih to 190m. Wiper trip. Pick up kelly and wash 12m to bottom, 2m fill. Circulate and clean hole. Pump hevi-wt pill. Pooh to run casing. Lay down 2x8" drill collars. Rig up to run casing. Repair casing power tong. Make up float collar and run 9-5/8" casing.
06.08.07	202.0m	Run 17jts 9-5/8"x36lb/ft k-55 Bt&c casing and landing jt. Wash down landing jt. Circulate and clean hole. Rig up cement head and surface lines. Hold PJSM. Pump preflush, PT lines. Cement with 275sacks "A" at 15.6ppg. Displace and bump plug. PT casing, 10bbl cement top-up. Flush riser, flowline. Cut conductor pipe. Wait on cement. Prepare Bradenhead. Slack off casing. Lay out cement head and back out landing jt. Install 9-5/8"x11" WG 3k Bradenhead. Install Bops and koomey lines. Choke line and flowline. PT Bradenhead, Bops, choke line, kill line valves to 200-2300psi.
07.08.07	705.0m	Pick up kelly and make up test plug. Rig up test line to Kelly. Pressure test standpipe valve. Upper and lower kelly cocks to 200-2300psi. Break out test plug and rack Kelly. Install 11" wearbushing. Make up BHA and Pdc bit and Rih to 117m. Break out quill and install kelly spinner. Rih to 174m. Break circulation and tag shoe at 186m. 0.5m above float collar. Drill out shoe track and change to new mud. Drill 8-1/2" hole to 251m, Wob-5k, Rpm-120, Spm-60. Circulate and survey at 235m, 1/2Deg S20E. Drill from 251m to 402m, Wob-8k, Rpm-120, Spm-33x2. Circulate and survey at 385m, 1/4Deg S. Drill from 402m to 553m, Wob-8-10k, Rpm-120, Spm-33x2. Circulate and survey at 537m, 1/2Deg S22W. Drill from 553m to 705m, Wob-8-10k, Rpm-120, Spm-60. Change 1valve on No-2 pump. Circulate and survey at 689m, 1-1/2Deg S38W.

08.08.07	1212.0m	Drill from 705m to 856m, Wob-10k, Rpm-120, Spm-61. Circulate and survey at 849m, misrun. Survey line caught in sheave. Reposition line. Drill from 856m to 875m, Wob-10k, Rpm-120, Spm-61. Circulate and survey at 859m, 5-1/4Deg, S54W. Drill from 875m to 922m, Wob-5k, Rpm-120, Spm-61. Circulate and survey at 906m, 5Deg S55W. Drill from 922m to 969m, Wob-5k, Rpm-120, Spm-61. Circulate and survey at 956m, 4-1/14Deg. S56W. Drill from 969m to 1062m, Wob-5k, Rpm-120, Spm-61. Circulate and survey at 1046m, 3-1/4Deg, S38W. Drill from 1062m to 1091m, Wob-10k, Rpm-120, Spm-61. Suspected well flow. Shut well in and monitor pressures. Open rams and flow check. Increase mud weight to 9.6ppg. Continue drilling from 1091m to 1212m, Wob-10k, Rpm-120, Spm-61. Circulate and survey at 1196m 1-1/2Deg S10W.
09.08.07	1524.0m	Run wireline survey at 1196m, 1-1/2Deg S10W. Drill from 1212m to 1364m, Wob-10k, Rpm-100, Spm-61. Circulate and survey at 1346m, 1/2Deg S30W. Drill from 1364m to 1383m, Wob-10k, Rpm-100, Spm-61. Service rig. Drill from 1383m to 1472m, Wob-10k, Rpm-100, Spm-61. Repair fuel line on No-2 mud pump. Change head on No-1 mud pump. Pull 4 stands D/P, Rih and drill ahead. Drill from 1472m to 1524m, Wob-10k, Rpm-100, Spm-61. TD. Circulate and clean hole. Flow check, pump hevi-wt pill. Rack Kelly. Pooh to casing shoe. Tight hole at 989m to 839m, 20k overpull. Slip 30ft and cut 30ft drilling line.
10.08.07	1524.0m	Rih to 1503m. Wash to bottom 1524m. Circulate and clean hole. Run wireline survey at 1508m, 1-1/2Deg S20W. Pump hevi-wt pill, rack Kelly. Pooh to log. Rig up Schlumberger wireline. Hold PJSM. Make up combination tool and Rih. Log from 1523m to casing shoe, HALS-PEX-BHC-DLL-SP-CAL-GR. Lay down tools. Make up rerun tooth bit and Rih to 1519m, 5m fill. Break circulation and clean hole. Pump Hi-vis sweep. Pooh to make up test tools.
11.08.07	1524.0m	Pooh to make up test tools. Clean floor and prepare to make up test tools. Hold PJSM. Make up test tool for test interval, 1444m-1455.5m. Rih for DST-1 for on bottom straddle test Birkhead formation. Rig up test head and surface lines. Pressure test to 1500psi. Test pumps and hydril. Hold PJSM. Set packers with tool open. No blow in bucket, 5minute preflow, Close and reopen tool 2nd flow with no blow in bucket. Close tool. Pull free with 20k overpull. Pull 1stand drill pipe and pup jt. Drop bar and reverse circulate. Recovered full string mud, trace of oil. Rig down surface lines and test head. Pooh with test tool. No tight hole or swabbing.
12.08.07	1524.0m	Pooh with test tool. Lay down test tool. Repair break-out tong. Replace springs. Lay down test tools with one damaged packer and one button rubber. Make up rerun bit and Rih to shoe. Slip 30ft and cut 30ft drilling line. Rih to 1510m. Pick up Kelly. Wash and ream 14m to bottom, 4m of fill. Circulate and pump 20bbl Hi-Vis pill. Clean hole. Pooh for DST-2. Prepare to make up test tool. Hold PJSM. Make up test tool to test interval 1459m-1455m. Rih to shoe for DST-2. Slip 30ft and cut 30ft drilling line.

- 13.08.07 1524.0m Slip 30ft and cut 30ft drilling line. Rih for DST-1 for on bottom straddle test, Birkhead & Hutton formation. Rig up test head and surface lines. Hold PJSM. Set packers with tool open. Weak blow in bucket. 5minute preflow, Close and reopen tool 2nd flow with no blow in bucket. Close tool. Pull free with 13k overpull, Pull 1jt drill pipe. Drop bar and reverse circulate. No recovery. Circulate mud to surface at 9.6ppg. Pump Hevi-wt pill. Pooh with test tool. Break out and lay down test tool. Charts showed invalid test with tool not opening. Service tools for DST-3. Make up test tool to test interval 1460m-1455m, conventional on bottom straddle. Rih to shoe for DST-3. Monitor well. Wait on daylight.
- 14.08.07 1524.0m Wait on daylight at shoe. Monitor well. Rih for DST-3 to test interval 1455m - 1460m. Rig up test head and surface lines. Hold PJSM. Set packers with tool open. Weak blow in bucket, 5minute preflow. Close and reopen tool 2nd flow with 6" blow in bucket. Close tool. Pull free with 30k overpull, Drop bar and reverse circulate. Recovered 8.5bbbls oil, 9.2bbbls formation water. Pump Hevi-wt pill. Pooh with test tool. Break out and lay down test tool. Clean floor and make up rerun bit. Rih to clean hole prior to laying down pipe.
- 15.08.07 1524.0m Rih with rerun bit to 198m. Slip 30ft and cut 30ft drilling line. Rih to 1508m. Pick up Kelly. Wash to bottom 1524m. Circulate and clean hole. Pump Hevi-wt pill. Pooh and lay down pipe using inhibitor in mud. Pick up kelly and lay down spinner and break connections. Lay down hwd/p and drill collars. Retrieve wearbushing. Rig up to run casing. Make up crossover and pressure test pipe rams to 750psi. Make up float shoe and collar. Hold PJSM. Run 7"x23lb/ft K-55 Bt&c casing to 759m.
- 16.08.07 1524.0m Run 128jts 7" x 23lb/ft k-55 Bt&c casing and 1 Marker jt. Circulate and clean hole. Pump 30bbl preflush. Hold PJSM. Cement with Lead and Tail. Displace and bump plug. Pressure test casing, 10bbl cement returns at 10.5ppg. Flush out stack and flowline. Set slips with 30k overpull, 76k-106k. ND Bops, Koomy lines, kill line, chokeline and flowline. Dump and clean mud tanks. Rig down catwalks and V-door. Lift Bop and rough cut casing 7" above Bradenhead flange. Lay out Bell nipple and Bops. Final cut casing 5" and dress. Install 7-1/16" x 10" WG 3K tubing spool and plate on top. Complete cleaning out mud tanks and lay down Kelly. Release Rig. Rig down drill floor, mud tanks and pumps. Prepare mast for lowering.

Rig released 16^h August, 2008 @ 19:00 hours.

Bodalla South-18 Time Depth Chart

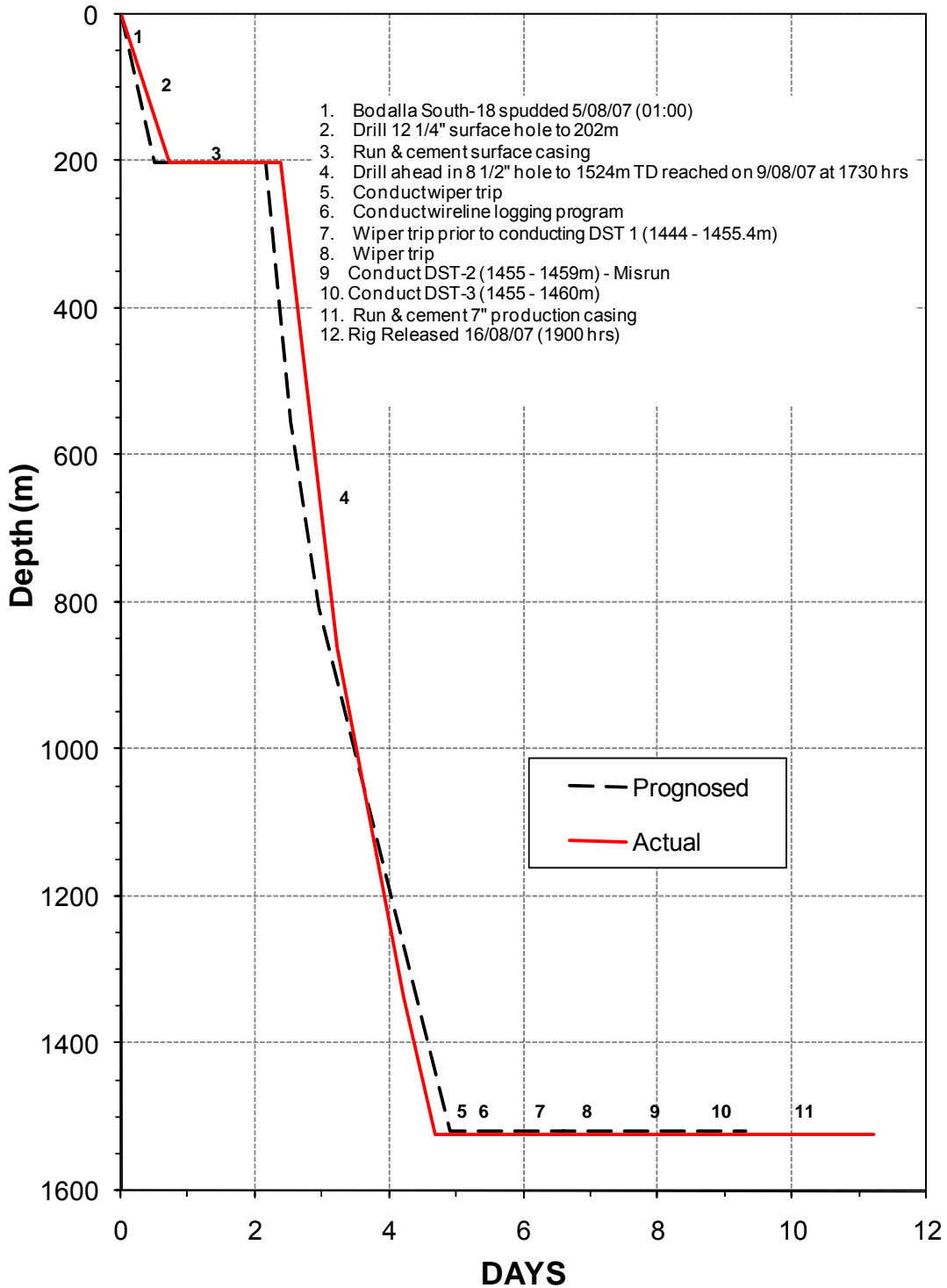


Figure 3: Bodalla South-18 Drilling Time/Depth Curve

2.3.2 Hole Sizes and Depths

12.25" / 311mm to 202.0mRT
 8.5" / 216mm to 1524.0mRT (Total Depth – Drillers)

2.3.3 Casing and Cementing

Casing and cementing reports are available in Appendix 8.

2.3.4 Deviation Surveys (Magnetic Single shot and MWD)

A final report by Schlumberger is available in Appendix 12

Depth (m)	Inclination (deg)	Azimuth (deg)	Depth (m)	Inclination (deg)	Azimuth (deg)
37	0.50	045	906	5.00	235
121	0.50	030	956	4.25	236
235	0.50	160	1046	3.25	213
385	0.25	180	1196	1.50	190
537	0.50	202	1346	0.50	210
689	1.50	218	1508	1.50	200
859	5.25	234			

2.3.5 Drilling Fluid, Physical Mud Properties, Chemicals Used

RMN Drilling Fluids provided the drilling mud for Bodalla South-18 and a full report is provided in Appendix 4.

2.3.6 Bit Record

The bit record for Bodalla South-18 is included in Appendix 3.

2.3.7 Water Supply

Drilling water for the well was supplied from local water bore.

2.4 Logging and Testing

2.4.1 Wellsite Geologist

Peter Morris provided the onsite geological supervision for Beach Petroleum Ltd. Daily geological reports are contained in Appendix-2.

2.4.2 Mudlogging

Geoservices Overseas S.A provided Mudlogging services. Cuttings gas was monitored from surface conductor shoe to total depth using a FID gas chromatograph. A mudlog recording lithology, penetration rate, mud gas and other data was prepared and is an enclosure (2) to this report.

2.4.3 Ditch Cutting Samples

Cuttings were collected and described from spud to TD. The sampling intervals were 10m from spud to 1000m, and 5m from 1000m to 1524m TD. The cuttings samples and sets were:

<u>Sample Type</u>	<u>No.Sets</u>
Washed & Dried	2
Samplex Trays	1

The cuttings descriptions are provided in Appendix 5.

2.4.4 Coring

None taken.

2.4.5 Sidewall Cores

None taken

2.4.6 Testing

DST No: 1	(Conventional Straddle)
Formation:	Birkhead Formation
Interval:	1444.01 – 1455.41 m.
Result:	Preflow: No blow. Second Flow: No blow No flow to surface after 90 mins. Good test of interpreted tight formation.
Recovery:	Reversed out rat hole mud and formation water with condensate/oil film. Sample chamber recovery: mud with skim of oil.
DST No: 2	(Conventional Straddle)
Formation:	Basal Birkhead / Hutton Formations
Interval:	1455.02 – 1459.07 m.
Result:	Preflow: no blow. Second Flow: no blow Failed test.
Recovery:	Reversed out rat hole mud. Sample chamber recovery: rat hole mud.

DST No: 3 (Conventional Straddle)
 Formation: Hutton Formation
 Interval: 1455.22 – 1459.95 m.
 Result: Preflow: weak blow at surface.
 Second Flow: Weak blow at surface building to moderate blow after 120 minutes.
 Good test.
 Recovery: Reversed out 8.5 bbl of light oil and 9.2 bbl of mud cut water.
 Sample chamber recovery: 1 litre of oil.

2.4.7 Wireline Logs

One suite of two separate runs of logs was acquired by Schlumberger

<u>Run No.</u>	<u>Type Log</u>	<u>Interval</u>
1	HALS-BHC-PEX-GPI (GR to surface)	1520.7 – 199.0m (1520.7 – 1270.0m high resolution)

2.4.8 Temperature Surveys

The following maximum temperature was recorded from wireline logs:

HALS-BHC-PEX-GPI 88.0°C @ 1520.7m, 7:20 hrs after circulation.

DST#1 92.1°C @ 1446.4m from electronic recorder, 19hrs after circulation.

DST#2 93.0°C @ 1462.9m from electronic recorder, 20hrs 30mins after circulation.

DST#3 98.8°C @ 1449.5m from electronic recorder, 22hrs 30mins after circulation.

2.4.9 Velocity Survey

Not conducted.

3 GEOLOGY

3.1 Reasons for Drilling

The Bodalla South-18 appraisal/development well is located to access oil in the northern portion of the field between the recently completed Bodalla South-16 and the older Bodalla South-1 and -12 producers. Bodalla South-16 showed undrained oil in the northern area within fair quality reservoir, indicating that additional drilling will be required to access these oil reserves.

3.2 Stratigraphic Prognosis

The stratigraphic prognosis for Bodalla South-18 was made utilising the results of surrounding wells and interpretation and seismic data. The well penetrated an expected stratigraphic section comprising approximately 1671.0 metres of surficial and Eromanga Basin sediments, and terminated in the Basal Jurassic.

AGE	FORMATION	Depth (mRT)	DEPTH (mTVDSS)	Thick (mTVT)
L. Tertiary- Recent	Surficial Deposits & Winton Fm	3.8	149.4	483.2.0
E. Cretaceous	Mackunda Formation	487.0	-333.8	141.0
E. Cretaceous	Allaru Mudstone	628.0	-474.8	192.0
E. Cretaceous	Toolebuc Formation	820.0	-666.8	16.0
E. Cretaceous	Wallumbilla Formation	836.0	-682.8	231.0
E. Cretaceous	Cadna-Owie Formation	1067.0	-913.8	79.5
E. Cretaceous	Murta Formation	1146.5	-993.3	18.5
L. Juras – E. Cret	Namur Sandstone	1165.0	-1011.8	103.0
L. Jurassic	Westbourne Formation	1268.0	-1114.8	108.2
L. Jurassic	Adori Sandstone	1376.2	-1223.0	18.0
M. Jurassic	Birkhead Formation	1394.2	-1241.0	61.7
M. Jurassic	Hutton Sandstone	1456.0	-1302.8	68.0+
	TD	1524.0	-1370.8	

Table 1: Bodalla South-18 Stratigraphy

3.3 Stratigraphy

The stratigraphic section encountered in Bodalla South-18 is summarised below and tops are tabulated in Table 1. The detailed lithological description of the section encountered is presented in Appendix 2 (Daily Geological Reports) and Appendix 5 (Cuttings descriptions). For reference, a generalised Cooper/Eromanga stratigraphic column is provided as Figure 4.

**All depths reported in this well completion report are measured depth relative to the rotary table (MDRT) unless otherwise stated

SURFICIAL DEPOSITS AND WINTON FORMATION

4.0 – 487.0 m

Thickness : 483.0 m

Not described from surface to 200 m.

Interbedded SANDSTONE and SILTSTONE from 200.0 to 280.0 m:

SANDSTONE: light grey to light brownish grey, fine to occasionally medium, sub angular to sub rounded, siliceous cement, common very calcareous clay matrix, common dark and reddish orange lithics, minor carbonaceous material, friable to moderate hard, loose in part, poor visible porosity, no show.

SILTSTONE: brownish grey, olive grey, light grey, greenish grey, predominantly argillaceous, rare carbonaceous material, glauconitic in part, firm to moderate hard, blocky to sub blocky..

SILTSTONE with minor interbedded COAL and SANDSTONE and trace DOLOMITE from 280.0 to 487 m:

SANDSTONE: translucent, light grey, very fine to fine, well sorted, sub angular to sub rounded, trace siliceous cement, argillaceous matrix, variably calc, trace glauconite, rare carbonaceous material, friable to moderate hard, common loose, poor visible porosity, no show.

SILTSTONE: brownish grey, olive grey, medium grey, argillaceous, common arenaceous, grading to very fine feldspathic SANDSTONE in part, rare carbonaceous microlaminae, soft to firm, sub blocky to blocky.

COAL: black, brownish black, earthy, argillaceous, soft to brittle, blocky, trace plant remnants,

DOLOMITE: light brown, micritic, minor carbonaceous specks, hard.

MACKUNDA FORMATION

487.0 – 628.0 m

Thickness : 141.0 m

SILTSTONE with minor interbedded SANDSTONE from 487.0 to 540.0 m:

SANDSTONE: medium light grey, greenish grey, fine to medium, moderate sorted, sub rounded to rounded, siliceous cement, argillaceous matrix, common glauconitic alteration, minor feldspar, rare lithics, friable to moderate hard, nil visible porosity, no show.

SILTSTONE: brownish grey, olive black, argillaceous, minor carbonaceous material/laminae, trace nodular pyrite, rare mica, soft to firm, sub fissile to blocky.

Interbedded SANDSTONE and SILTSTONE from 540.0 to 628.0 m:

SANDSTONE: medium grey to medium dark grey, very fine to fine, rare medium, moderate sorted, sub rounded, siliceous cement, variably calcareous clay matrix, rare feldspar, trace pyrite, common dark lithics, trace glauconite, loose to moderate hard, poor visible porosity, very dull mineral fluorescence from calcareous fraction.

SILTSTONE: brownish grey, brownish black, olive grey, argillaceous, trace carbonaceous specks, hygroturgid in part, dispersive in part, predominantly soft to firm, sub blocky

ALLARU MUDSTONE

628.0 – 820.0 m

Thickness : 192.0 m

Massive SILTSTONE from 628.0 to 750.0 m:

SILTSTONE: medium dark grey to dark grey, brownish grey, olive grey, argillaceous, arenaceous in part, trace carbonaceous specks, rare calcitic fossil fragments, grading to very fine SANDSTONE, soft to firm, blocky to sub blocky.

SILTSTONE with minor rare DOLOMITE/LIMESTONE interbeds from 750.0 to 820.0 m:

SILTSTONE: medium dark grey to dark grey, brownish grey to brownish black, argillaceous, arenaceous in part, common carbonaceous specks, rare micromica, firm, sub blocky to sub fissile.

LIMESTONE: brownish grey, micritic, minor nodular pyrite, hard

DOLOMITE: light brownish grey to brownish grey, micritic, moderate hard to hard, trace carbonaceous specks, trace fossil fragments.

TOOLEBUC FORMATION

820.0 – 836.0 m

Thickness : 16.0 m

Massive SILTSTONE:

SILTSTONE: brownish grey to brownish black, common carbonaceous material/microlaminae, very calcareous, rare Inoceramus, firm, fissile.

WALLUMBILLA FORMATION

836.0 – 1067.0 m

Thickness : 231.0 m

Massive SILTSTONE from 836.0 to 940.0 m:

SILTSTONE: medium dark grey to dark grey, argillaceous, trace glauconite, rare carbonaceous specks, common micromica, soft to firm, sub blocky to sub fissile.

SILTSTONE with minor interbedded SANDSTONE from 940.0 to 1010 m:

SANDSTONE: medium grey, greenish grey, very fine, well sorted, siliceous cement, argillaceous matrix, minor glauconite, rare feldspar, interlaminated with and grading to SILTSTONE, friable to moderate hard, tight to poor visible porosity, no show.

SILTSTONE: medium dark grey to dark grey, argillaceous, arenaceous in part, micromicaceous, trace pyrite as fossil replacement, soft to firm, blocky to sub blocky.

Massive SILTSTONE from 1010.0 to 1067.0 m:

SILTSTONE: dark grey, argillaceous, micromicaceous, trace glauconite, soft to firm, dispersive in part, sub blocky to sub fissile.

CADNA-OWIE FORMATION

1067.0 – 1146.5 m

Thickness : 79.5 m

Interbedded SANDSTONE and SILTSTONE from 1067.0 to 1095.0 m:

SANDSTONE: light grey, light brownish grey, very fine to medium, minor loose medium to coarse, rare granular, moderate sorted to poor sorted, sub angular to sub rounded, siliceous cement, nil to predominantly abundant variably calcareous clay matrix, rare feldspar, trace glauconite, rare carbonaceous material, rare coal fragments, minor quartz overgrowths, grading to arenaceous SILTSTONE, friable to moderate hard, poor to fair visible porosity, minor mineral fluorescence.

SILTSTONE: medium dark grey to dark grey, argillaceous, arenaceous in part, rare to locally common carbonaceous material, micromicaceous, trace nodular pyrite, soft to moderate hard, sub blocky to sub fissile.

Interbedded SANDSTONE and SILTSTONE from 1095.0 to 1146.5 m:

SANDSTONE: as above, commonly interlaminated with and grading to arenaceous SILTSTONE, minor carbonaceous microlaminae

SILTSTONE: brownish grey to brownish black, arenaceous, common carbonaceous microlaminae, micromicaceous in part, feldspathic, soft to moderate hard, sub fissile.

MURTA FORMATION

1146.5 – 1165.0 m

Thickness : 18.5 m

Interlaminated SILTSTONE and SANDSTONE:

SANDSTONE: light grey, light brownish grey, very fine, well sorted, sub rounded to rounded, siliceous cement, trace argillaceous matrix, minor feldspar, trace carbonaceous specks, minor micromica, interlaminated with and grading to arenaceous SILTSTONE, moderate hard, tight visible porosity, no show.

SILTSTONE: brownish grey, olive grey, arenaceous, micromicaceous, feldspathic, minor carbonaceous specks, common very fine SANDSTONE interlaminations, moderate hard, fissile.

NAMUR SANDSTONE

1165.0 – 1268.0 m

Thickness: 103.0 m

Interbedded SANDSTONE and SILTSTONE from 1165.0 to 1220.0 m:

SANDSTONE: light olive grey, light brownish grey to brownish grey, fine to medium, moderate sorted, sub angular to sub rounded, siliceous cement, partially recrystallised calcareous matrix, trace mica, trace carbonaceous material, loose to moderate hard, poor visible porosity, no show.

SILTSTONE: medium dark grey to dark grey, brownish grey, arenaceous, micromicaceous, minor carbonaceous specks/laminae, firm, sub fissile to blocky.

SANDSTONE with occasional SILTSTONE interbeds from 1220.0 to 1268.0 m:

SANDSTONE: light grey to medium light grey, transparent, translucent, predominantly fine to medium, rare coarse, moderate sorted, angular to sub rounded, siliceous cement, common white calcareous clay matrix, rare carbonaceous and silty laminae, trace lithics, trace glauconite, loose to friable, poor visible porosity, no show.

SILTSTONE: brownish grey to brownish black, feldspathic, minor micromica, common carbonaceous material, firm, fissile.

WESTBOURNE FORMATION

1268.0 – 1376.2 m

Thickness : 108.2 m

Interlaminated SANDSTONE and SILTSTONE from 1268.0 to 1345.0 m:

SANDSTONE: light grey to medium light grey, fine to medium, well sorted, sub angular to sub rounded, siliceous cement, trace to common white clay matrix, variably calcareous, trace lithics, trace carbonaceous material, friable to moderate hard, rare loose, fair to poor visible porosity,

SILTSTONE: brownish grey to brownish black, arenaceous, argillaceous in part, common carbonaceous material/microlaminae, minor feldspar, firm sub fissile.

Interbedded SANDSTONE and SILTSTONE from 1345.0 to 1376.2 m:

SANDSTONE: light grey to medium light grey, fine to occasionally medium, angular to sub rounded, siliceous cement, nil to common white clay matrix, slightly calcareous in part, minor silty laminae, trace carbonaceous specks, friable, tight visible porosity, no show.

SILTSTONE: brownish grey to brownish black, arenaceous, argillaceous in part, common carbonaceous material/microlaminae, minor feldspar, firm sub fissile.

ADORI SANDSTONE

1376.2 – 1394.2 m

Thickness : 18.0 m

Massive SANDSTONE:

SANDSTONE: translucent, transparent, fine, well sorted, sub angular to sub rounded, siliceous cement, minor white clay matrix, trace lithics, predominantly loose, rare friable aggregates, becoming fine to medium and poorly sorted toward base, tight visible porosity, tight to good inferred porosity, no show.

BIRKHEAD FORMATION

1394.2 – 1455.8 m

Thickness : 61.6 m

Interbedded SANDSTONE and SILTSTONE from 1394.2 to 1410.0 m:

SANDSTONE: translucent, transparent, fine, well sorted, sub angular to sub rounded, siliceous cement, minor white clay matrix, trace lithics, predominantly loose, rare friable aggregates, tight visible porosity, good/tight inferred porosity, no show.

SILTSTONE: brownish grey, arenaceous, micromicaceous, minor carbonaceous material, firm to moderate hard, fissile.

Interbedded SANDSTONE and SILTSTONE from 1410.0 - 1455.8 m:

SANDSTONE: translucent, transparent, light brownish grey, very fine to coarse, poor sorted, sub angular to rounded, siliceous cement, moderate to abundant white clay matrix, calcareous in part, common carbonaceous material, minor feldspar, minor lithics, loose to friable, poor visible porosity, fair inferred porosity, no show.

SILTSTONE: brownish grey, olive grey, greyish brown, arenaceous, micromicaceous, feldspathic, common carbonaceous material, common carbonaceous microlaminae, firm to moderate hard, sub blocky to sub fissile.

HUTTON SANDSTONE

1455.8 – 1524.0 m +

Thickness : 68.2 m +

SANDSTONE with trace to minor interbedded SILTSTONE from 1455.8 to 1470.0m:

SANDSTONE: translucent, transparent, medium light grey, fine to medium, moderate sorted, sub rounded, predominantly loose, minor aggregates with siliceous cement & common white clay matrix, trace lithics, trace mica, excellent inferred porosity.

SILTSTONE: light brownish grey to brownish grey, arenaceous, common carbonaceous material, feldspathic, moderate hard, sub fissile.

SANDSTONE with minor interbedded SILTSTONE from 1470.0 to 1524.0 m:

SANDSTONE: translucent, transparent, very fine to predominantly medium, trace coarse, well sorted, sub rounded, trace aggregates with siliceous cement, nil to trace matrix, trace pink garnet, trace carbonaceous material, excellent inferred porosity.

SILTSTONE: brownish grey, arenaceous, common carbonaceous specks, trace carbonaceous microlaminae, micromicaceous, firm to moderate hard, fissile.

TOTAL DEPTH

Driller: 1524.0 mRT

Logger: 1523.0 mRT

3.4 Hydrocarbon Shows

Total gas was recorded and analyzed from surface to T.D. All ditch cuttings were checked for hydrocarbon fluorescence.

Westbourne Formation

- 1272.0 – 1295.0 m: Trace in very fine aggregates, bright yellow-white, even, moderate fast streaming cut, fast blooming crushed cut, thick blue film and ring residue.
- 1310.0 – 1315.0 m: Trace dull brown in light brownish grey very fine SANDSTONE aggregates, no cut, very slow crushed cut with very faint film and ring residue.
- 1330.0 – 1340.0 m: 10 to 30% in tight moderate to poor sorted sandstone aggregates, bright white, even, very slow blooming cut, moderate blooming crushed cut, thin film and ring residue.
- 1340.0 – 1345.0 m: Trace, in tight moderate to poor sorted sandstone aggregates, bright white, even, very slow blooming cut, moderate blooming crushed cut, thin film and ring residue.

Birkhead Formation

- 1450.0 – 1458.0 m: Trace to 10% in fine to medium moderate sorted aggregates with trace to common matrix, moderately bright yellow-white to blue-white, patchy, slow blooming cut, moderate to slow blooming crushed cut, thin film and ring residue.

Hutton Sandstone

- 1458.0 – 1470.0 m: 10-50%, moderate to bright yellow-white fluorescence with dull overall fluorescence in part, moderate streaming cut, fast streaming crushed cut, occasionally moderate blooming cut, thick blue-white ring residue.
- 1470.0 – 1480.0 m: Trace in fine to medium aggregates with nil to common clay matrix, dull to moderately bright, patchy, occasionally pinpoint, very slow blooming cut, slow blooming crushed cut, thin blue film and ring residue.

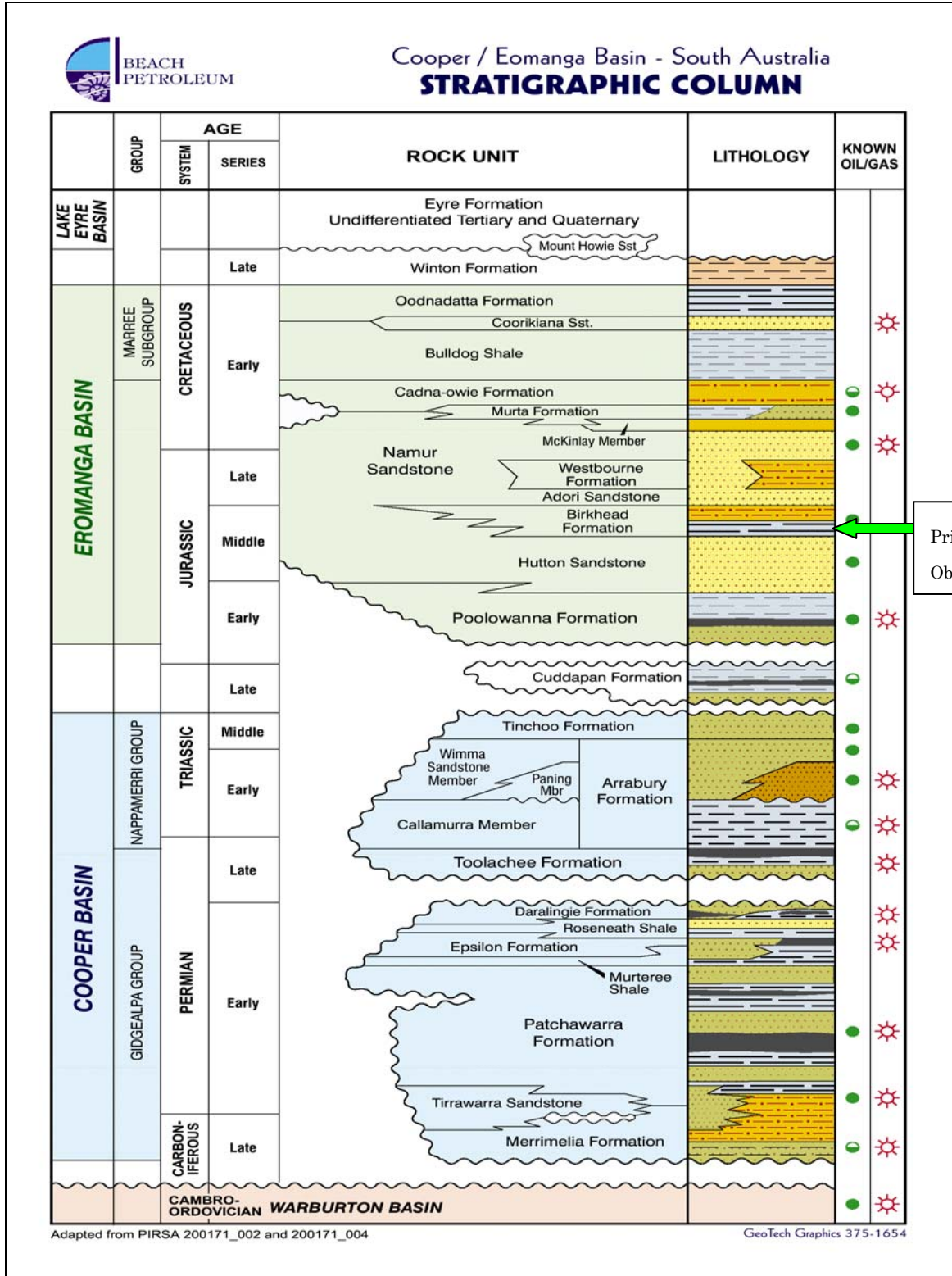


Figure 4: Generalised Cooper/Eromanga Basin Stratigraphic Column

4 CONCLUSIONS

Bodalla South-18 was a successful development well, which resulted in oil being intersected in the Hutton sandstone. The well intersected the expected stratigraphic section.

Three drill stem tests (DST) were carried out over the Basal Birkead/Hutton sequence. DST#1 recovered rate hole mud with a condensate/oil film from drill pipe from the Basal Birkhead Formation. DST#2 was a misrun. DST#3 recovered 8.5 bbl of light oil and 9.2 bbl of mud cut water from drill pipe from the Hutton Sandstone. One litre of oil with muddy water was recovered from the downhole chamber.

Trace moderate shows were described in the Westbourne Formation from 1272 to 1315 m in very fine sandstone aggregates with bright yellow-white, diminishing to dull brown fluorescence. The interval from 1330 to 1340 m recorded 10 to 30% bright white, even fluorescence in tight moderate to poor sorted sandstone aggregates with very slow blooming cut, moderate blooming crushed cut and thin film and ring residue. In the Lower Birkhead Formation from 1450 to 1458 m trace to 10% moderately bright yellow-white to blue-white fluorescence was described in fine to medium moderate sorted aggregates with trace to common matrix. Good shows were described in the Upper Hutton Sandstone from 1458 to 1470 m with 10-50% with moderate to bright yellow-white fluorescence. Shows decreased to trace and patchy from 1470 m to 1480 m.

Log analysis (Schlumberger) indicates 3.2 m of net pay in the Upper Hutton Sandstone using cut-offs of PHIE > 10%; Vcl < 50% and SWT < 50%.

Bodalla South-18 was cased and suspended as a future oil producer and the rig released on 16th August 2007 at 19:00 hrs.



DAILY DRILLING REPORT

5/08/2007

REPORT # 01

WELL	Bodalla Sth 18	24:00 DEPTH	202m	24 HR PROG	202m	CUM. COSTS	
RIG	Hunt Energy # 2	FORMATION	Winton	PTD	1518m	DAILY COSTS	
OP's TO 06:00	Run total 17jts 9-5/8" casing and Landing jt, wash down landing jt, Circulate and clean hole, Rig up Cement Head and surface lines, Hold PJSM, Pump preflush and PT, Cement with 275sacks "A" at 15.6ppg, Displace and bump plug, Float held okay, CIP @ 05:22hrs, 10bbl Cement Top-up.						
REMARKS / FORWARD PLAN:	Spudded at 01:00hrs, drill 12-1/4" surface hole to 202m, Wiper trip to surface, Rih, Circulate, Pooh, Rig to run casing,, Repair Casing power Tong, Run 9-5/8" casing					PERSONNEL ON SITE:	28
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
		BOP TEST	NIL	TEST DUE			
AFD's: 156	SAFETY	1. Handling Tubulars 2. Weekly Meeting				WEATHER AM	Cold & Fine
						PM	Fine & Cool

BIT INFORMATION				BHA # 1		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	5-20	JET V(fps)	239	TOOL	LENGTH	Time	24:00	BOP's / Wellhead		
RPM	120	H S I	1.25	GT-CI	0.30	Depth (m)	202	Cementing		
BIT NUMBER	1			Bit Sub	0.91	Temp (° C)		Circ & Condition	1.5	1.5
Size (in)	12.25			8" Drill Collars	18.69	Mud Type	Gel Spud Mud	Coring		
Make	Hughes			12-1/4' Stabilizer	1.35	Density (ppg)	8.90	D/O Cement		
Type	GT-CI			Crossover	0.54	ECD (ppg)		Drilling	11.0	11.0
IADC Code	117			Monel Drill Collar	9.51	Viscosity (sec)	32	FIT / LOT		
Serial Number	6033357			Drill Collars	130.47	PV / YP (cp/lb)	9 / 10	Handle BHA	1.5	1.5
T.F.A. (")	0.746				9.75	Gells (s/m)	2 / 7	Repairs	2.0	2.0
Depth In (m)					19.04	API Filt. (cc)	NC	Rig Service		
Depth Out (m)	202				27.41	Cake (/32")		Rig up Csg./ Cmt.	1.0	1.0
Total Meters	202					Solids (% Vol)	3.9	Run Casing	1.0	1.0
Hours	11					Sand (% Vol)	0.25	Safety		
ROP	18.4					MBT		Slip/Cut Drill Line		
Condition Out	3 3 WT A E 1 N TD			BHA LENGTH (m)	217.97	pH (strip)	8.5	Survey	1.0	1.0
FLOW DATA				BHA WEIGHT(kLb)	0.2	Chlorides (mg/l)	2000	Test BOP		
CIRC. RATE (gpm)	555			STRING WT (kLb)	-0.7	KCL (%)		Tight hole / Fishing		
AV - DP (fpm)	105			HOOK LOAD (kLb)	40.0	PHPA (ppb)		Tripping	1.5	1.5
AV - DC (fpm)	123			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		
SPP (psi)	750			DRAG UP (kLb)	40.0	Circ. Vol. (Bbl)	224	Wash / Ream		
SPP (calculated)				DRAG DOWN (kLb)	38.0	CHEMICAL USAGE		Well Control		
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)		Ausgel	106	Well Test		
TSM 500	CE DB 550			TORQUE OFF (Amps/Rel.)		Barite	40	Wiper Trip	2.5	2.5
RATE	40	RATE	40	BULK PRODUCTS		Caustic Soda	1	Wireline		
LINER	6.0"	LINER	6.0"	FUEL ON SITE	32900 Litres			Other	1.0	1.0
STROKE	16.0"	STROKE	16.0"	DAILY USAGE	-2900 Litres			TOTALS	24.0	24.0
SURVEYS				CUM. FUEL USED	-2900 Litres			DAILY MUD COSTS		\$1,786.80
.5N45E° at 37m				BARITES ON SITE	#N/A			CUM. MUD COSTS		\$1,786.80
				BARITES USED	#N/A			AFE COST - C&S		
				MUD MIXED	360 Bbls			AFE COST - P&A		
				MUD LOSSES	136 Bbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
	0:30	Make up crossover, Bit, Bit sub on Kelly, Prepare to spud
0:30	1:00	Carry out Hazard hunt
1:00	7:00	Spud and drill 12-1/4" surface hole to 70m
7:00	7:30	Circulate and run wireline survey at 37m, 1/2Deg N45E
7:30	11:00	Drill from 70m to 155m
11:00	11:30	Circulate and survey at 121m, 1/2Deg N30E
11:30	13:00	Drill from 155m to 202m, Cellar washed out at 160m around mousehole and continued drilling
13:00	13:30	Circulate and clean hole
13:30	15:00	Pooh to 33m for wiper trip
15:00	16:00	Lay down 12-1/4" Stabilizer and pooh to surface, Clean Bit
16:00	17:00	Rih to 190m, Wiper trip
17:00	18:00	Pick up kelly and wash 12m to Bottom, 2m Fill, Circulate and clean hole, Pump hevi-wt pill
18:00	19:30	Pooh to run casing
19:30	20:00	Lay down 2x8" Drill collars
20:00	21:00	Rig up to run casing
21:00	23:00	Repair Casing Power Tong
23:00	0:00	Make up Float Collar and run 9-5/8" Casing

MAXIMUM GAS:	% @ m	BACKGROUND GAS:	%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg		GEOLOGIST:			MUD CO:	RMN Drilling Fluids

WELL	Bodalla Sth 18	24:00 DEPTH	202m	24 HR PROG		CUM. COSTS	\$3,777
RIG	Hunt Energy # 2	FORMATION	Winton	PTD	1518m	DAILY COSTS	\$1,990.00
OP's TO 06:00	Make up Test Plug and Kelly, PT Kelly Cocks, Standpipe valve, Install Wearbushing, Make up BHA and PDC Bit and Rih.						
REMARKS / FORWARD PLAN:	Run casing, Cement, Wait on cement, Install Bradenhead, NU Bops and pressure test.					PERSONNEL ON SITE:	25
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
		BOP TEST	6/08/2007	TEST DUE	20/08		
AFD's: 157	SAFETY	1. Running Casing 2. Nipling up Bops				WEATHER AM	Cold & Fine
						PM	Fine & Cold

BIT INFORMATION				BHA # 2		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)		JET V(fps)		TOOL		Time	24:00	BOP's / Wellhead	9.0	9.0
RPM		H S I		DSX419S		Depth (m)	202	Cementing	1.0	1.0
BIT NUMBER				Bit Sub		Temp (° C)		Circ & Condition	1.0	2.5
Size (in)				Pony Drill Collar		Mud Type	KCL Brine	Coring		
Make				NMDC		Density (ppg)	8.60	D/O Cement		
Type				String Stabilizer		ECD (ppg)		Drilling		11.0
IADC Code				Drill Collars		Viscosity (sec)	Water	FIT / LOT		
Serial Number				Bico Drilling Jars		PV / YP (cp/lb)		Handle BHA		1.5
T.F.A.(")				Drill Collars		Gells (s/m)		Repairs		2.0
Depth In (m)				Hwd/p		API Filt. (cc)		Rig Service		
Depth Out (m)						Cake (/32")		Rig up Csg./ Cmt.	0.5	1.5
Total Meters						Solids (% Vol)	0.5	Run Casing	3.0	4.0
Hours						Sand (% Vol)		Safety		
ROP						MBT		Slip/Cut Drill Line		
Condition Out				BHA LENGTH (m)		pH (strip)	9	Survey		1.0
FLOW DATA				BHA WEIGHT(kLb)		Chlorides (mg/l)	19000	Test BOP	3.0	3.0
CIRC. RATE (gpm)				STRING WT (kLb)		KCL (%)	4	Tight hole / Fishing		
AV - DP (fpm)				HOOK LOAD (kLb)		PHPA (ppb)		Tripping		1.5
AV - DC (fpm)				WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement	4.0	4.0
SPP (psi)				DRAG UP (kLb)		Circ. Vol. (Bbl)	441	Wash / Ream		
SPP (calculated)				DRAG DOWN (kLb)		CHEMICAL USAGE		Well Control		
PUMP #1		PUMP #2		TORQUE ON (Amps/Rel.)		KCL	100	Well Test		
TSM 500		CE DB 550		TORQUE OFF (Amps/Rel.)				Wiper Trip		2.5
RATE		RATE		BULK PRODUCTS				Wireline		
LINER	6.0"	LINER	6.0"	FUEL ON SITE	29000 Litres			Other	2.5	3.5
STROKE	16.0"	STROKE	16.0"	DAILY USAGE	3900 Litres			TOTALS		
				CUM. FUEL USED	1000 Litres			DAILY MUD COSTS		\$1,990.00
SURVEYS				BARITES ON SITE	#N/A			CUM. MUD COSTS		\$3,776.80
				BARITES USED	#N/A			AFE COST - C&S		
				MUD MIXED	750 Bbbs			AFE COST - P&A		
				MUD LOSSES	136 Bbbs			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400			
From	To	Description	
0:00	3:00	Run 17jts 9-5/8"x36lb/ft k-55 Bt&c casing and Landing Jt.	
3:00	3:30	Wash down Landing Jt	
3:30	4:00	Circulate and clean hole	
4:00	4:30	Rig up Cement Head and surface lines, Hold PJSM	
4:30	5:30	Pump Preflush, PT Lines, Cement with 275sacks "A" at 15.6ppg, Displace and bump Plug, PT Casing, 10bbl Cement Top-up	
5:30	9:30	Flush Riser, Flowline, Cut Conductor pipe, Wait on Cement, Prepare Bradenhead	
9:30	12:00	Slack off casing, Lay out cement head and back out landing jt, Install 9-5/8"x11" WG 3k Bradenhead	
12:00	21:00	Install Bops and Koomey lines, Choke line and Flowline	
21:00	0:00	PT Bradenhead, Bops, Choke line, Kill line valves to 200-2300psi	
MAXIMUM GAS:	% @ m	BACKGROUND GAS:	%
CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:	Peter Morris
		MUD CO:	RMN Drilling Fluids



DAILY DRILLING REPORT

7/08/2007

REPORT # 03

WELL	Bodalla Sth 18	24:00 DEPTH	705m	24 HR PROG	503m	CUM. COSTS	\$6,079
RIG	Hunt Energy # 2	FORMATION	Wallumbilla	PTD	1518m	DAILY COSTS	\$2,302.40
OP's TO 06:00	Drilling Wallumbilla Formation at 862m, Rate of Penetration 30mtrs/hr.						
REMARKS / FORWARD PLAN:	Pressure test Kelly cocks, Install Wearbushing, Make up BHA and PDC Bit, Rih and drill out shoe track, Drill 8-1/2" hole with Wireline surveys.					PERSONNEL ON SITE:	25
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
		BOP TEST	6/08/2007	TEST DUE	20/08		
AFD's: 158	SAFETY	1. Pressure Testing 2. Running Wireline survey				WEATHER AM	Cold & Fine
					PM	Fine & Cold	

BIT INFORMATION				BHA # 2		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	5-10	JET V(fps)	187	TOOL	LENGTH	Time	24:00	BOP's / Wellhead		9.0
RPM	120	H S I	1.30	DSX419S	0.19	Depth (m)	705	Cementing		1.0
BIT NUMBER	2			Bit Sub	0.92	Temp (° C)		Circ & Condition		2.5
Size (in)	8.5			Pony Drill Collar	3.07	Mud Type	KCL Brine	Coring		
Make	REED			NMDC	9.51	Density (ppg)	8.80	D/O Cement	1.5	1.5
Type	DSX419S			String Stabilizer	1.11	ECD (ppg)		Drilling	12.0	23.0
IADC Code	437			Drill Collars	130.47	Viscosity (sec)	29	FIT / LOT		
Serial Number	214007			Bico Drilling Jars	9.75	PV / YP (cp/lb)		Handle BHA	2.0	3.5
T.F.A.(")	0.785			Drill Collars	19.04	Gells (s/m)		Repairs		2.0
Depth In (m)	202			Hwd/p	27.41	API Filt. (cc)		Rig Service		
Depth Out (m)	IN					Cake (/32")		Rig up Csg./ Cmt.		1.5
Total Meters	503					Solids (% Vol)	2	Run Casing		4.0
Hours	12					Sand (% Vol)	0.25	Safety		
ROP	41.9					MBT		Slip/Cut Drill Line		
Condition Out				BHA LENGTH (m)	201.47	pH (strip)	9	Survey	2.0	3.0
FLOW DATA				BHA WEIGHT(kLb)	53.2	Chlorides (mg/l)	20000	Test BOP	3.5	6.5
CIRC. RATE (gpm)	458			STRING WT (kLb)	80.2	KCL (%)	4	Tight hole / Fishing		
AV - DP (fpm)	216			HOOK LOAD (kLb)	58.0	PHPA (ppb)		Tripping	1.0	2.5
AV - DC (fpm)	338			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		4.0
SPP (psi)	650			DRAG UP (kLb)	58.0	Circ. Vol. (Bbl)	471	Wash / Ream		
SPP (calculated)				DRAG DOWN (kLb)	56.0	CHEMICAL USAGE		Well Control		
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)		Caustic Soda	2	Well Test		
TSM 500	CE DB 550			TORQUE OFF (Amps/Rel.)		Sodium Sulphite	4	Wiper Trip		2.5
RATE	33	RATE	33	BULK PRODUCTS		KCL	104	Wireline		
LINER	6.0"	LINER	6.0"	FUEL ON SITE	27000 Litres			Other	2.0	5.5
STROKE	16.0"	STROKE	16.0"	DAILY USAGE	2000 Litres			TOTALS	24.0	72.0
SCR: 250 @ 30	SCR: 350 @ 40			CUM. FUEL USED	3000 Litres			DAILY MUD COSTS		\$2,302.40
SURVEYS				BARITES ON SITE	#N/A			CUM. MUD COSTS		\$6,079.20
.5S20E° at 235m	1.5S38W° at 689m			BARITES USED	#N/A			AFE COST - C&S		
.25S° at 385m				MUD MIXED	1130 Bbbls			AFE COST - P&A		
.5S22W° at 537m				MUD LOSSES	486 Bbbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	1:00	Pick up Kelly and make up Test Plug
1:00	1:30	Rig up test line to Kelly
1:30	3:00	Pressure test Standpipe valve, Upper and lower kelly cocks to 200-2300psi
3:00	3:30	Break out test plug and rack Kelly
3:30	4:00	Install 11" Wearbushing
4:00	6:00	Make up BHA and Pdc Bit and Rih TO 117m
6:00	7:30	Break out Quill and install Kelly Spinner
7:30	8:30	Rih to 174m, Break circulation and tag Shoe at 186m, 0.5m above Float Collar
8:30	10:00	Drill out shoe track and change to new mud
10:00	11:00	Drill 8-1/2" hole to 251m, Wob-5k, Rpm-120, Spm-60
11:00	11:30	Circulate and survey at 235m, 1/2Deg S20E
11:30	15:00	Drill from 251m to 402m, Wob-8k, Rpm-120, Spm-33x2
15:00	15:30	Circulate and survey at 385m, 1/4Deg S.
15:30	19:30	Drill from 402m to 553m, Wob-8-10k, Rpm-120, Spm-33x2
19:30	20:00	Circulate and survey at 537m, 1/2Deg S22W
20:00	23:30	Drill from 553m to 705m, Wob-8-10k, Rpm-120, Spm-60, Change 1valve on No-2 pump
23:30	0:00	Circulate and survey at 689m, 1-1/2Deg S38W

MAXIMUM GAS:	.87% @ 410m	BACKGROUND GAS:	0.12%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:	Peter Morris	MUD CO:	RMN Drilling Fluids		



DAILY DRILLING REPORT

8/08/2007

REPORT # 04

WELL	Bodalla Sth 18	24:00 DEPTH	1212m	24 HR PROG	507m	CUM. COSTS	
RIG	Hunt Energy # 2	FORMATION	Westbourne	PTD	1518m	DAILY COSTS	
OP's TO 06:00	Drilling Westbourne Formation @ 1336m, Rate of penetration 25mtrs/hr.						
REMARKS / FORWARD PLAN:	Drill to 856m, Repair wireline sheave, Drill to 1091m, Increase mud weight to 9.6ppg, Drill ahead to 1212m with wireline surveys.					PERSONNEL ON SITE:	25
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
		BOP TEST	6/08/2007	TEST DUE	20/08		
AFD's: 159	SAFETY	1. Running wireline surveys 2. Well control drills				WEATHER AM	Cold & Fine
						PM	Fine & Cold

BIT INFORMATION				BHA # 2		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	5-10	JET V(fps)	173	TOOL	LENGTH	Time	24:00	BOP's / Wellhead		9.0
RPM	100	HSI	1.11	DSX419S	0.19	Depth (m)	1196	Cementing		1.0
BIT NUMBER	2			Bit Sub	0.92	Temp (° C)		Circ & Condition		2.5
Size (in)	8.5			Pony Drill Collar	3.07	Mud Type	KCL Polymer	Coring		
Make	REED			NMDC	9.51	Density (ppg)	9.50	D/O Cement		1.5
Type	DSX419S			String Stabilizer	1.11	ECD (ppg)		Drilling	19.5	42.5
IADC Code	437			Drill Collars	130.47	Viscosity (sec)	39	FIT / LOT		
Serial Number	214007			Bico Drilling Jars	9.75	PV / YP (cp/lb)	17 / 13	Handle BHA		3.5
T.F.A.(")	0.785			Drill Collars	19.04	Gells (s/m)	1 / 7	Repairs	0.5	2.5
Depth In (m)	202			Hwd/p	27.41	API Filt. (cc)	7.4	Rig Service		
Depth Out (m)	IN					Cake (/32")	1	Rig up Csg./ Cmt.		1.5
Total Meters	1010					Solids (% Vol)	6.7	Run Casing		4.0
Hours	31.5					Sand (% Vol)	0.25	Safety		
ROP	32.1					MBT		Slip/Cut Drill Line		
Condition Out				BHA LENGTH (m)	201.47	pH (strip)	9	Survey	3.0	6.0
FLOW DATA				BHA WEIGHT(kLb)	52.5	Chlorides (mg/l)	23000	Test BOP		6.5
CIRC. RATE (gpm)	423			STRING WT (kLb)	106.0	KCL (%)	4.8	Tight hole / Fishing		
AV - DP (fpm)	200			HOOK LOAD (kLb)	88.0	PHPA (ppb)		Tripping		2.5
AV - DC (fpm)	313			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		4.0
SPP (psi)	850			DRAG UP (kLb)	91.0	Circ. Vol. (Bbl)	630	Wash / Ream		
SPP (calculated)				DRAG DOWN (kLb)	88.0	CHEMICAL USAGE		Well Control		
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)	5550	AMC Pac- R	16	Well Test		
TSM 500	CE DB 550			TORQUE OFF (Amps/Rel.)	1850	Barite	104	Wiper Trip		2.5
RATE	61	RATE		BULK PRODUCTS		Caustic Soda	1	Wireline		
LINER	6.0"	LINER	6.0"	FUEL ON SITE	27200 Litres	Soda Ash	6	Other	1.0	6.5
STROKE	16.0"	STROKE	16.0"	DAILY USAGE	800 Litres	Sodium Sulphite	4	TOTALS	24.0	96.0
SCR: 300 @ 30	SCR: 300 @ 30			CUM. FUEL USED	2800 Litres	Xanthan Gum	3	DAILY MUD COSTS		\$6,480.83
SURVEYS				BARITES ON SITE	#N/A	KCL	84	CUM. MUD COSTS		\$12,560.03
5.25S54W° at 859m	3.25S33W° at 1046m			BARITES USED	#N/A			AFE COST - C&S		
5.-S55W° at 906m				MUD MIXED	1390 Bbbls			AFE COST - P&A		
4.25S56W° at 956m				MUD LOSSES	587 Bbbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	4:00	Drill from 705m to 856m, Wob-10k, Rpm-120, Spm-61
4:00	4:30	Circulate and survey at 849m, Misrun
4:30	5:00	Survey line caught in Sheave, Reposition line.
5:00	5:30	Drill from 856m to 875m, Wob-10k, Rpm-120, Spm-61
5:30	6:00	Circulate and survey at 859m, 5-1/4Deg, S54W
6:00	7:30	Drill from 875m to 922m, Wob-5k, Rpm-120, Spm-61
7:30	8:00	Circulate and survey at 906m, 5Deg S55W
8:00	10:00	Drill from 922m to 969m, Wob-5k, Rpm-120, Spm-61
10:00	10:30	Circulate and survey at 956m, 4-1/14Deg, S56W
10:30	15:00	Drill from 969m to 1062m, Wob-5k, Rpm-120, Spm-61
15:00	15:30	Circulate and survey at 1046m, 3-1/4Deg, S38W
15:30	17:30	Drill from 1062m to 1091m, Wob-10k, Rpm-120, Spm-61
17:30	18:30	Suspected well flow, Shut well in and monitor pressures, Open rams and Flow check, Increase mud weight to 9.6ppg
18:30	23:30	Continue drilling from 1091m to 1212m, Wob-10k, Rpm-120, Spm-61
23:30	0:00	Circulate and survey at 1196m 1-1/2Deg S10W

MAXIMUM GAS:	.57% @ 835.5m	BACKGROUND GAS:	0.16%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:	Peter Morris	MUD CO:	RMN Drilling Fluids		



DAILY DRILLING REPORT

9/08/2007

REPORT # 05

WELL	Bodalla Sth 18	24:00 DEPTH	1524m	24 HR PROG	312m	CUM. COSTS	
RIG	Hunt Energy # 2	FORMATION	Hutton	PTD	1518m	DAILY COSTS	
OP's TO 06:00	Rih to 1403m, Wash to 1524m, Circulate and clean hole, Run wireline survey, Pump hevi-wt Pill, Pooh to Log.						
REMARKS / FORWARD PLAN:	Drill to 1383m with surveys, Service Rig, Drill to 1472m, Repair Mud Pumps, Drill to 1524m TD, Circulate hole clean, Pooh to Shoe for Wiper Trip, Slip & cut Drilling Line.					PERSONNEL ON SITE:	25
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
AFD's: 160	SAFETY	1. Picking up Drill pipe off pipe racks. 2. Mousehole connections				BOP TEST	6/08/2007
						TEST DUE	20/08
						WEATHER AM	Cold & Fine
						PM	Fine & Cold

BIT INFORMATION				BHA # 2		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	10	JET V(fps)	173	TOOL	LENGTH	Time	24:00	BOP's / Wellhead		9.0
RPM	100	H S I	1.12	DSX419S	0.19	Depth (m)	1524	Cementing		1.0
BIT NUMBER	2			Bit Sub	0.92	Temp (° C)		Circ & Condition	1.5	4.0
Size (in)	8.5			Pony Drill Collar	3.07	Mud Type	KCL Polymer	Coring		
Make	REED			NMDC	9.51	Density (ppg)	9.60	D/O Cement		1.5
Type	DSX419S			String Stabilizer	1.11	ECD (ppg)		Drilling	15.0	57.5
IADC Code	437			Drill Collars	130.47	Viscosity (sec)	41	FIT / LOT		
Serial Number	214007			Bico Drilling Jars	9.75	PV / YP (cp/lb)	16 / 13	Handle BHA		3.5
T.F.A. (")	0.785			Drill Collars	19.04	Gells (s/m)	2 / 8	Repairs	1.0	3.5
Depth In (m)	202			Hwd/p	27.41	API Filt. (cc)	6.8	Rig Service	0.5	0.5
Depth Out (m)	1524					Cake (/32")	1	Rig up Csg / Cmt.		1.5
Total Meters	1322					Solids (% Vol)	7.7	Run Casing		4.0
Hours	46.5					Sand (% Vol)	0.5	Safety		
ROP	28.4					MBT		Slip/Cut Drill Line	1.5	1.5
Condition Out				BHA LENGTH (m)	201.47	pH (strip)	9	Survey	1.0	7.0
FLOW DATA				BHA WEIGHT(kLb)	52.5	Chlorides (mg/l)	19500	Test BOP		6.5
CIRC. RATE (gpm)	423			STRING WT (kLb)	122.2	KCL (%)	4	Tight hole / Fishing		
AV - DP (fpm)	200			HOOK LOAD (kLb)	98.0	PHPA (ppb)		Tripping		2.5
AV - DC (fpm)	313			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		4.0
SPP (psi)	1000			DRAG UP (kLb)	98.0	Circ. Vol. (Bbl)	690	Wash / Ream		
SPP (calculated)				DRAG DOWN (kLb)	94.0	CHEMICAL USAGE		Well Control		
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)	5550	AMC Pac- R	4	Well Test		
TSM 500	CE DB 550			TORQUE OFF (Amps/Rel.)	1850	Barite	88	Wiper Trip	3.5	6.0
RATE		RATE	61	BULK PRODUCTS		Caustic Soda	1	Wireline		
LINER	6.0"	LINER	6.0"	FUEL ON SITE	24300 Litres	PHPA	3	Other		6.5
STROKE	16.0"	STROKE	16.0"	DAILY USAGE	2900 Litres	Sodium Sulphite	4	TOTALS	24.0	120.0
SCR: 300 @ 30	SCR: 300 @ 30			CUM. FUEL USED	5700 Litres	Xanthan Gum	3	DAILY MUD COSTS		\$4,234.97
SURVEYS				BARITES ON SITE	#N/A	KCL	62	CUM. MUD COSTS		\$16,795.00
1.5S10W° at 1196m				BARITES USED	#N/A			AFE COST - C&S		
.5S30W° at 1346m				MUD MIXED	1605 Bbbls			AFE COST - P&A		
1.5S20W° at 1508m				MUD LOSSES	742 Bbbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	0:30	Run wireline survey at 1196m, 1-1/2Deg S10W
0:30	7:30	Drill from 1212m to 1364m, Wob-10k, Rpm-100, Spm-61
7:30	8:00	Circulate and survey at 1346m, 1/2Deg S30W
8:00	9:00	Drill from 1364m to 1383m, Wob-10k, Rpm-100, Spm-61
9:00	9:30	Service Rig
9:30	14:30	Drill from 1383m to 1472m, Wob-10k, Rpm-100, Spm-61
14:30	15:30	Repair Fuel line on No-2 Mud pump, Change Head on No-1 Mud pump, Pull 4 stands D/P, Rih and drill ahead.
15:30	17:30	Drill from 1472m to 1524m, Wob-10k, Rpm-100, Spm-61. TD.
17:30	18:30	Circulate and clean hole
18:30	19:00	Flow check, Pump Hevi-wt pill, Rack Kelly
19:00	22:30	Pooh to casing shoe, Tight hole at 989m to 839m, 20k overpull.
22:30	0:00	Slip 30ft and cut 30ft Drilling line

MAXIMUM GAS:	.85% @ 1464m	BACKGROUND GAS:	0.18%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:	Peter Morris	MUD CO:	RMN Drilling Fluids		



DAILY DRILLING REPORT

10/08/2007

REPORT # 06

WELL	Bodalla Sth 18	24:00 DEPTH	1524m	24 HR PROG		CUM. COSTS	\$18,270
RIG	Hunt Energy # 2	FORMATION	Hutton	PTD	1518m	DAILY COSTS	\$1,474.77
OP's TO 06:00	Pooh, Make up Test Tool, Rih to Test Interval 1444m-1455.5m, Birkhead Formation.						
REMARKS / FORWARD PLAN:	Rih, Circulate and clean hole, Pooh, Rig up Wireline, Run Combination Tool, Lay down Tools, Rih with Bit, Circulate and clean hole, Pooh for DST-1					PERSONNEL ON SITE:	27
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
		BOP TEST	6/08/2007	TEST DUE	20/08		
AFD's: 161	SAFETY	1. Running Wireline Logs 2. Tripping				WEATHER AM	Cold & Fine
						PM	Fine & Cold

BIT INFORMATION				BHA # 2		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)		JET V(fps)	173	TOOL	LENGTH	Time	24:00	BOP's / Wellhead		9.0
RPM	80	H S I		DSX419S	0.19	Depth (m)	1524	Cementing		1.0
BIT NUMBER				Bit Sub	0.92	Temp (° C)		Circ & Condition	3.5	7.5
Size (in)				Pony Drill Collar	3.07	Mud Type	KCL Polymer	Coring		
Make				NMDC	9.51	Density (ppg)	9.65	D/O Cement		1.5
Type				String Stabilizer	1.11	ECD (ppg)		Drilling		57.5
IADC Code				Drill Collars	130.47	Viscosity (sec)	39	FIT / LOT		
Serial Number				Bico Drilling Jars	9.75	PV / YP (cp/lb)	15 / 12	Handle BHA		3.5
T.F.A.(")				Drill Collars	19.04	Gells (s/m)	1 / 7	Repairs		3.5
Depth In (m)				Hwd/p	27.41	API Filt. (cc)	7.2	Rig Service		0.5
Depth Out (m)						Cake (/32")	1	Rig up Csg./ Cmt.		1.5
Total Meters						Solids (% Vol)	8	Run Casing		4.0
Hours						Sand (% Vol)	0.25	Safety		
ROP						MBT		Slip/Cut Drill Line		1.5
Condition Out				BHA LENGTH (m)	201.47	pH (strip)	9	Survey	0.5	7.5
FLOW DATA				BHA WEIGHT(kLb)	52.4	Chlorides (mg/l)	19500	Test BOP		6.5
CIRC. RATE (gpm)		423		STRING WT (kLb)	122.1	KCL (%)	4	Tight hole / Fishing		
AV - DP (fpm)		200		HOOK LOAD (kLb)	98.0	PHPA (ppb)		Tripping	10.5	13.0
AV - DC (fpm)		313		WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		4.0
SPP (psi)		1000		DRAG UP (kLb)	98.0	Circ. Vol. (Bbl)	704	Wash / Ream		
SPP (calculated)				DRAG DOWN (kLb)	96.0	CHEMICAL USAGE		Well Control		
PUMP #1		PUMP #2		TORQUE ON (Amps/Rel.)	1850	AMC Pac- R	4	Well Test		
TSM 500		CE DB 550		TORQUE OFF (Amps/Rel.)		PHPA	4	Wiper Trip	3.0	9.0
RATE		RATE	61	BULK PRODUCTS		Xanthan Gum	1	Wireline	6.5	6.5
LINER	6.0"	LINER	6.0"	FUEL ON SITE	21200 Litres			Other		6.5
STROKE	16.0"	STROKE	16.0"	DAILY USAGE	3100 Litres			TOTALS	24.0	144.0
				CUM. FUEL USED	8800 Litres			DAILY MUD COSTS		\$1,474.77
SURVEYS				BARITES ON SITE	#N/A			CUM. MUD COSTS		\$18,269.77
				BARITES USED	#N/A			AFE COST - C&S		
				MUD MIXED	1619 Bbbls			AFE COST - P&A		
				MUD LOSSES	742 Bbbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	3:00	Rih to 1503m
3:00	4:30	Wash to bottom 1524m, Circulate and clean hole
4:30	5:00	Run Wireline survey at 1508m, 1-1/2Deg S20W
5:00	10:00	Pump Hevi-wt pill, rack Kelly, Pooh to Log
10:00	10:30	Rig up Schlumberger wireline, Hold PJSM
10:30	15:30	Make up Combination Tool and Rih, Log from 1523m to casing Shoe, HALS-PEX-BHC-DLL-SP-CAL-GR
15:30	16:30	Lay down Tools
16:30	20:30	Make up Rerun Tooth Bit and Rih to 1519m, 5m Fill
20:30	22:30	Break circulation and clean hole, Pump Hi-vis Sweep
22:30	0:00	Pooh to make up Test Tools

MAXIMUM GAS:	.85% @ 1464m	BACKGROUND GAS:	0%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:	Peter Morris	MUD CO:	RMN Drilling Fluids		



DAILY DRILLING REPORT

11/08/2007

REPORT # 07

WELL	Bodalla Sth 18	24:00 DEPTH	1524m	24 HR PROG		CUM. COSTS	\$18,692	
RIG	Hunt Energy # 2	FORMATION	Total Depth	PTD	1518m	DAILY COSTS	\$422.50	
OP's TO 06:00	Pooh and lay down Test Tool, Repair Rig Tong, Make up Rerun Bit and Rih for Wiper Trip.							
REMARKS / FORWARD PLAN:	Pooh, Make up Test tool, Rih to test Birkhead Formation and run DST-1, No Flow, Close tool, Pull free, Drop bar, Reverse circulate, Rig down, Pooh with Test tool.						PERSONNEL ON SITE:	27
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP		
		BOP TEST	6/08/2007	TEST DUE	20/08			
AFD's: 162	SAFETY	1. Making up Test Tools 2. Jsa #60, Running DST				WEATHER AM	Cold & Fine	
						PM	Fine & Cold	

BIT INFORMATION						MUD PROPERTIES		OPERATION		HRS	CUM
WOB(kLb)		JET V(fps)		TOOL	LENGTH	Time	24:00	BOP's / Wellhead			9.0
RPM		HSI				Depth (m)	1524	Cementing			1.0
BIT NUMBER						Temp (° C)		Circ & Condition			7.5
Size (in)						Mud Type	KCL Polymer	Coring			
Make						Density (ppg)	9.60	D/O Cement			1.5
Type						ECD (ppg)		Drilling			57.5
IADC Code						Viscosity (sec)	38	FIT / LOT			
Serial Number						PV / YP (cp/lb)	13 / 12	Handle BHA		3.5	7.0
T.F.A. (")						Gells (s/m)	1 / 5	Repairs			3.5
Depth In (m)						API Filt. (cc)	7.6	Rig Service			0.5
Depth Out (m)						Cake (/32")	1	Rig up Csg./ Cmt.			1.5
Total Meters						Solids (% Vol)	7.7	Run Casing			4.0
Hours						Sand (% Vol)	TR	Safety			
ROP						MBT		Slip/Cut Drill Line			1.5
Condition Out				BHA LENGTH (m)		pH (strip)	9	Survey			7.5
FLOW DATA				BHA WEIGHT(kLb)		Chlorides (mg/l)	19000	Test BOP			6.5
CIRC. RATE (gpm)				STRING WT (kLb)		KCL (%)	4	Tight hole / Fishing			
AV - DP (fpm)				HOOK LOAD (kLb)		PHPA (ppb)		Tripping		13.0	26.0
AV - DC (fpm)				WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement			4.0
SPP (psi)				DRAG UP (kLb)		Circ. Vol. (Bbl)	684	Wash / Ream			
SPP (calculated)				DRAG DOWN (kLb)		CHEMICAL USAGE		Well Control			
PUMP #1		PUMP #2		TORQUE ON (Amps/Rel.)		Barite	50	Well Test		4.0	4.0
TSM 500		CE DB 550		TORQUE OFF (Amps/Rel.)				Wiper Trip			9.0
RATE		RATE		BULK PRODUCTS				Wireline			6.5
LINER	6.0"	LINER	6.0"	FUEL ON SITE	20200 Litres			Other		3.5	10.0
STROKE	16.0"	STROKE	16.0"	DAILY USAGE	1000 Litres			TOTALS		24.0	168.0
				CUM. FUEL USED	9800 Litres			DAILY MUD COSTS			\$422.50
SURVEYS				BARITES ON SITE	#N/A			CUM. MUD COSTS			\$18,692.27
				BARITES USED	#N/A			AFE COST - C&S			
				MUD MIXED	1639 Bbbls			AFE COST - P&A			
				MUD LOSSES	742 Bbbls			AFE COST - C&C			

From	To	Description
0:00	3:00	Pooh to make up Test Tools
3:00	3:30	Clean Floor and prepare to make up Test Tools
3:30	7:00	Hold PJSM, Make up test Tool for Test Interval, 1444m-1455.5m
7:00	12:00	Rih for DST-1 for On Bottom Straddle Test, Birkhead formation.
12:00	13:00	Rig up Test Head and surface lines, Pressure test to 1500psi.
13:00	13:30	Test Pumps and Hydril, Hold PJSM
13:30	17:30	Set Packers with Tool open, No blow in Bucket, 5minute Preflow, Close and Reopen Tool 2nd Flow with No blow in Bucket, Close Tool.
17:30	18:30	Pull Free with 20k overpull, Pull 1stand drill pipe and Pup Jt, Drop Bar and reverse Circulate, Recovered full string Mud, Trace of Oil.
18:30	19:00	Rig down surface lines and Test Head
19:00	0:00	Pooh with Test Tool, No tight hole or swabbing

MAXIMUM GAS:	% @ m	BACKGROUND GAS:	0%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:	Peter Morris	MUD CO:	RMN Drilling Fluids		



DAILY DRILLING REPORT

12/08/2007

REPORT # 08

WELL	Bodalla Sth 18	24:00 DEPTH	1524m	24 HR PROG	CUM. COSTS
RIG	Hunt Energy # 2	FORMATION	Total Depth	PTD	1518m
OP's TO 06:00	Slip 30ft & Cut 30ft Drilling line, Rih for DST-2 to Test Interval 1459m-1455m, Birkhead and Hutton formation, Rig up Test Head and surface lines,				
REMARKS / FORWARD PLAN:	Lay down Test tool. Repair Rig Tong,Rih with Rerun Bit, Wash 14m to Bottom, 4m Fill, Circulate to clean hole, Pooh, Make up Test Tool, Rih to Shoe.				PERSONNEL ON SITE:
LAST CASING	9 5/8"	SET AT	198.8m	LOT	
AFD's: 163	SAFETY	1. Rig Tong Safety 2. Housekeeping		MAASP	
		BOP TEST	6/08/2007	TEST DUE	20/08
		WEATHER AM	Cold & Fine		
		PM	Fine & Cold		

BIT INFORMATION				MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	JET V(fps)	TOOL		LENGTH	Time	24:00	BOP's / Wellhead	9.0
RPM	H S I	BHA LENGTH (m)			Depth (m)	1524	Cementing	1.0
BIT NUMBER		BHA WEIGHT(kLb)			Temp (° C)		Circ & Condition	2.5
Size (in)		STRING WT (kLb)			Mud Type	KCL Polymer	Coring	
Make		HOOK LOAD (kLb)			Density (ppg)	9.60	D/O Cement	1.5
Type		WT BELOW JARS (kLb)			ECD (ppg)		Drilling	57.5
IADC Code		DRAG UP (kLb)			Viscosity (sec)	38	FIT / LOT	
Serial Number		DRAG DOWN (kLb)			PV / YP (cp/lb)	13 / 12	Handle BHA	6.0
T.F.A.()		TORQUE ON (Amps/Rel.)			Gells (s/m)	1 / 5	Repairs	0.5
Depth In (m)		TORQUE OFF (Amps/Rel.)			API Filt. (cc)	7.8	Rig Service	0.5
Depth Out (m)		BULK PRODUCTS			Cake (/32")	1	Rig up Csg./ Cmt.	1.5
Total Meters		FUEL ON SITE	18800 Litres		Solids (% Vol)	7.7	Run Casing	4.0
Hours		DAILY USAGE	1400 Litres		Sand (% Vol)	TR	Safety	
ROP		CUM. FUEL USED	11200 Litres		MBT		Slip/Cut Drill Line	3.0
Condition Out		BARITES ON SITE	#N/A		pH (strip)	9	Survey	7.5
		BARITES USED	#N/A		Chlorides (mg/l)	19000	Test BOP	6.5
		MUD MIXED	1672 Bbbls		KCL (%)	4	Tight hole / Fishing	
		MUD LOSSES	742 Bbbls		PHPA (ppb)		Tripping	11.0
					ALC - 50 (K)		Wait on Cement	4.0
					Circ. Vol. (Bbl)	651	Wash / Ream	0.5
					CHEMICAL USAGE		Well Control	
					Barite	35	Well Test	4.0
					Xanthan Gum	1	Wiper Trip	9.0
							Wireline	6.5
							Other	0.5
							TOTALS	24.0
							DAILY MUD COSTS	\$655.00
							CUM. MUD COSTS	\$19,347.27
							AFE COST - C&S	
							AFE COST - P&A	
							AFE COST - C&C	

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	1:00	Pooh with Test Tool
1:00	2:00	Lay down Test Tool
2:00	2:30	Repair Break-out Tong, Replace Springs
2:30	4:30	Lay down Test Tools with one damaged Packer and one Button rubber.
4:30	6:00	Make up Rerun Bit and Rih to Shoe
6:00	8:00	Slip 30ft and cut 30ft Drilling line
8:00	11:00	Rih to 1510m, Pick up Kelly
11:00	11:30	Wash and Ream 14m to bottom, 4m of Fill
11:30	14:00	Circulate and pump 20bbl Hi-Vis pill, Clean Hole
14:00	18:00	Pooh for DST-2
18:00	18:30	Prepare to make up Test Tool, Hold PJSM
18:30	21:30	Make up Test Tool to test Interval 1459m-1455m
21:30	23:00	Rih to Shoe for DST-2
23:00	0:00	Slip 30ft and cut 30ft Drilling line

MAXIMUM GAS: % @ m	BACKGROUND GAS: 0%	CONNECTION GAS: %	TRIP GAS: %
SUPERVISOR: Gary Mogg	GEOLOGIST: Peter Morris	MUD CO: RMN Drilling Fluids	



DAILY DRILLING REPORT

13/08/2007

REPORT # 09

WELL	Bodalla Sth 18	24:00 DEPTH	1524m	24 HR PROG		CUM. COSTS	\$19,601
RIG	Hunt Energy # 2	FORMATION	Total Depth	PTD	1518m	DAILY COSTS	\$253.50
OP's TO 06:00	Wait on Daylight at shoe, Rih, Rig up Test Head and Lines, Run DST-3.						
REMARKS / FORWARD PLAN:	Slip & cut drilling line, Rih, Rig up Test Head, Run DST-2, Pull free, Drop bar and reverse circulate, Pooh, Service Tools, Make up Tools and Rih for DST-3.					PERSONNEL ON SITE:	27
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
		BOP TEST	6/08/2007	TEST DUE	20/08		
AFD's: 164	SAFETY	1. Rigging up Test Head & Lines 2. Revised Topics held at weekly meeting				WEATHER AM	Cold & Fine
					PM	Fine & Cold	

BIT INFORMATION						MUD PROPERTIES		OPERATION		HRS	CUM				
WOB(kLb)	JET V(fps)			TOOL	LENGTH	Time	24:00	BOP's / Wellhead			9.0				
RPM	H S I					Depth (m)	1524	Cementing			1.0				
BIT NUMBER						Temp (° C)		Circ & Condition			10.0				
Size (in)						Mud Type	KCL Polymer	Coring							
Make						Density (ppg)	9.60	D/O Cement			1.5				
Type						ECD (ppg)		Drilling			57.5				
IADC Code						Viscosity (sec)	38	FIT / LOT							
Serial Number						PV / YP (cp/lb)	13 / 10	Handle BHA		5.0	18.0				
T.F.A. (")						Gells (s/m)	1 / 5	Repairs			4.0				
Depth In (m)						API Filt. (cc)	7.8	Rig Service			0.5				
Depth Out (m)						Cake (/32")	1	Rig up Csg./ Cmt.			1.5				
Total Meters						Solids (% Vol)	7.7	Run Casing			4.0				
Hours						Sand (% Vol)	TR	Safety							
ROP						MBT		Slip/Cut Drill Line		2.0	6.5				
Condition Out						pH (strip)	9	Survey			7.5				
FLOW DATA				BHA LENGTH (m)		Chlorides (mg/l)		19000	Test BOP		6.5				
CIRC. RATE (gpm)				BHA WEIGHT(kLb)		KCL (%)		4	Tight hole / Fishing						
AV - DP (fpm)				STRING WT (kLb)		PHPA (ppb)			Tripping		9.0	46.0			
AV - DC (fpm)				HOOK LOAD (kLb)		ALC - 50 (K)			Wait on Cement			4.0			
SPP (psi)				WT BELOW JARS (kLb)		Circ. Vol. (Bbl)		648	Wash / Ream			0.5			
SPP (calculated)				DRAG UP (kLb)		CHEMICAL USAGE		Well Control							
				DRAG DOWN (kLb)						Barite	30	Well Test	4.0	8.0	
PUMP #1	PUMP #2	TORQUE ON (Amps/Rel.)		TORQUE OFF (Amps/Rel.)		BULK PRODUCTS		TOTALS		24.0	216.0				
TSM 500	CE DB 550	FUEL ON SITE		DAILY USAGE						DAILY MUD COSTS		\$253.50			
RATE	RATE	LINER		6.0"						CUM. FUEL USED		12400 Litres	CUM. MUD COSTS		\$19,600.77
STROKE	STROKE	LINER		6.0"									AFE COST - C&S		
SURVEYS				BARITES ON SITE		#N/A				AFE COST - P&A					
				BARITES USED		#N/A						AFE COST - C&C			
		MUD MIXED		1675 Bbbs											
		MUD LOSSES		742 Bbbs											

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	2:00	Slip 30ft and cut 30ft drilling line
2:00	5:30	Rih for DST-1 for On Bottom Straddle Test, Birkhead & Hutton formation.
5:30	6:30	Rig up Test head and surface lines, Hold PJSM
6:30	10:00	Set Packers with Tool open, Weak blow in Bucket, 5minute Preflow, Close and Reopen Tool 2nd Flow with No blow in Bucket, Close Tool.
10:00	10:30	Pull Free with 13k overpull, Pull 1jt drill pipe, Drop Bar and reverse Circulate, No recovery, Circulate mud to surface at 9.6ppg.
10:30	15:00	Pump Hevi-wt pill, Pooh with Test Tool
15:00	17:30	Break out and lay down Test Tool, Charts showed Invalid Test with Tool not opening.
17:30	19:00	Service Tools for DST-3
19:00	21:30	Make up Test Tool to test Interval 1460m-1455m, Conventional on bottom Straddle
21:30	22:30	Rih to shoe for DST-3
22:30	0:00	Monitor Well, Wait on daylight

MAXIMUM GAS:	% @ m	BACKGROUND GAS:	0%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg		GEOLOGIST:	Peter Morris		MUD CO:	RMN Drilling Fluids



DAILY DRILLING REPORT

14/08/2007

REPORT # 10

WELL	Bodalla Sth 18	24:00 DEPTH	1524m	24 HR PROG		CUM. COSTS	\$20,594
RIG	Hunt Energy # 2	FORMATION	Total Depth	PTD	1518m	DAILY COSTS	\$993.00
OP's TO 06:00	Rih, Wash 12m to bottom, Circulate and Condition Mud.						
REMARKS / FORWARD PLAN:	Wait at shoe, Rih and rig up Test head, Run DST-3, Pull free, Reverse circulate, Pooh and lay down Tools, Rih with Bit.					PERSONNEL ON SITE:	29
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
		BOP TEST	6/08/2007	TEST DUE	20/08		
AFD's: 165	SAFETY	1. Tripping with Test Tool 2. Laying down Test Tool				WEATHER AM	Cold & Fine
						PM	Fine & Cold

BIT INFORMATION						MUD PROPERTIES		OPERATION		HRS	CUM
WOB(kLb)		JET V(fps)		TOOL		Time	24:00	BOP's / Wellhead			9.0
RPM		H S I		LENGTH		Depth (m)	1524	Cementing			1.0
BIT NUMBER						Temp (°C)		Circ & Condition			10.0
Size (in)						Mud Type	KCL Polymer	Coring			
Make						Density (ppg)	9.60	D/O Cement			1.5
Type						ECD (ppg)		Drilling			57.5
IADC Code						Viscosity (sec)	38	FIT / LOT			
Serial Number						PV / YP (cp/lb)	13 / 10	Handle BHA		3.0	21.0
T.F.A. (")						Gells (s/m)	1 / 5	Repairs			4.0
Depth In (m)						API Filt. (cc)	8	Rig Service			0.5
Depth Out (m)						Cake (/32")	1	Rig up Csg./ Cmt.			1.5
Total Meters						Solids (% Vol)	7.7	Run Casing			4.0
Hours						Sand (% Vol)	TR	Safety			
ROP						MBT		Slip/Cut Drill Line			6.5
Condition Out				BHA LENGTH (m)		pH (strip)	9	Survey			7.5
FLOW DATA				BHA WEIGHT(kLb)		Chlorides (mg/l)	19000	Test BOP			6.5
CIRC. RATE (gpm)				STRING WT (kLb)		KCL (%)	4	Tight hole / Fishing			
AV - DP (fpm)				HOOK LOAD (kLb)		PHPA (ppb)		Tripping		9.0	55.0
AV - DC (fpm)				WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement			4.0
SPP (psi)				DRAG UP (kLb)		Circ. Vol. (Bbl)	668	Wash / Ream			0.5
SPP (calculated)				DRAG DOWN (kLb)		CHEMICAL USAGE		Well Control			
PUMP #1		PUMP #2		TORQUE ON (Amps/Rel.)		Barite	75	Well Test		10.0	18.0
TSM 500		CE DB 550		TORQUE OFF (Amps/Rel.)		Xanthan Gum	1	Wiper Trip			9.0
RATE		RATE		BULK PRODUCTS				Wireline			6.5
LINER	6.0"	LINER	6.0"	FUEL ON SITE	16600 Litres			Other		2.0	16.5
STROKE	16.0"	STROKE	16.0"	DAILY USAGE	1000 Litres			TOTALS		24.0	240.0
				CUM. FUEL USED	13400 Litres			DAILY MUD COSTS			\$993.00
SURVEYS				BARITES ON SITE	#N/A			CUM. MUD COSTS			\$20,593.77
				BARITES USED	#N/A			AFE COST - C&S			
				MUD MIXED	1713 Bbbls			AFE COST - P&A			
				MUD LOSSES	760 Bbbls			AFE COST - C&C			

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	2:00	Wait on daylight at shoe, Monitor Well
2:00	5:00	Rih for DST-3 to test interval 1455m - 1460m
5:00	6:00	Rig up Test head and surface lines, Hold PJSM
6:00	13:30	Set Packers with Tool open, Weak blow in Bucket, 5minute Preflow, Close and Reopen Tool 2nd Flow with 6" blow in Bucket, Close Tool.
13:30	15:00	Pull Free with 30k overpull, Drop Bar and reverse circulate, Recovered 8.5bbbls Oil, 9.2bbbls formation Water
15:00	19:30	Pump Hevi-wt pill, Pooh with Test Tool
19:30	22:00	Break out and Lay down Test Tool
22:00	22:30	Clean Floor and Make up rerun Bit
22:30	0:00	Rih to clean hole prior to laying down Pipe.

MAXIMUM GAS:	% @ m	BACKGROUND GAS:	0%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:	Peter Morris	MUD CO:	RMN Drilling Fluids		



DAILY DRILLING REPORT

15/08/2007

REPORT # 11

WELL	Bodalla Sth 18	24:00 DEPTH	1524m	24 HR PROG		CUM. COSTS	
RIG	Hunt Energy # 2	FORMATION	Total Depth	PTD	1518m	DAILY COSTS	
OP's TO 06:00	Run 128jts 7" x 231b/ft K-55 Bt&c casing, Rig up to Circulate.						
REMARKS / FORWARD PLAN:	Rih to shoe, Slip and cut Line, Rih and circulate to clean, Lay down Pipe and BHA, Rig to run casing, PT Pipe rams, Make up Float shoe and Collar, Run casing to 759m.					PERSONNEL ON SITE:	30
LAST CASING	9 5/8"	SET AT	198.8m	LOT		MAASP	
		BOP TEST	6/08/2007	TEST DUE	20/08		
AFD's: 166	SAFETY	1. JSA#8, Laying down Drill pipe. 2. Running Casing				WEATHER AM	Cold & Fine
						PM	Fine & Cold

BIT INFORMATION				TOOL		MUD PROPERTIES		OPERATION	HRS	CUM		
WOB(kLb)	JET V(fps)	H S I	TOOL	LENGTH	Time	24:00	BOP's / Wellhead			9.0		
RPM					Depth (m)	1524	Cementing			1.0		
BIT NUMBER					Temp (° C)		Circ & Condition	1.5		11.5		
Size (in)					Mud Type	KCL Polymer	Coring					
Make					Density (ppg)	9.60	D/O Cement			1.5		
Type					ECD (ppg)		Drilling			57.5		
IADC Code					Viscosity (sec)	38	FIT / LOT					
Serial Number					PV / YP (cp/lb)	13 / 10	Handle BHA	2.5		23.5		
T.F.A. (")					Gells (s/m)	1 / 5	Repairs			4.0		
Depth In (m)					API Filt. (cc)	8	Rig Service			0.5		
Depth Out (m)					Cake (/32")	1	Rig up Csg./ Cmt.	3.0		4.5		
Total Meters					Solids (% Vol)	7.7	Run Casing	4.5		8.5		
Hours					Sand (% Vol)	TR	Safety					
ROP					MBT		Slip/Cut Drill Line	1.5		8.0		
Condition Out					BHA LENGTH (m)	9	Survey			7.5		
FLOW DATA					BHA WEIGHT(kLb)		Chlorides (mg/l)	19000		6.5		
CIRC. RATE (gpm)					STRING WT (kLb)		KCL (%)	4				
AV - DP (fpm)					HOOK LOAD (kLb)		PHPA (ppb)					
AV - DC (fpm)					WT BELOW JARS (kLb)		ALC - 50 (K)		9.0	64.0		
SPP (psi)					DRAG UP (kLb)		Circ. Vol. (Bbl)	692		4.0		
SPP (calculated)					DRAG DOWN (kLb)		CHEMICAL USAGE			0.5		
PUMP #1	PUMP #2				TORQUE ON (Amps/Rel.)		Barite	28		18.0		
TSM 500	CE DB 550				TORQUE OFF (Amps/Rel.)		Biocide G	2		9.0		
RATE	RATE				BULK PRODUCTS		KCL	112		6.5		
LINER	6.0"	LINER	6.0"		FUEL ON SITE	15200 Litres	SAPP	6		18.5		
STROKE	16.0"	STROKE	16.0"		DAILY USAGE	1400 Litres						
					CUM. FUEL USED	14800 Litres						
SURVEYS					BARITES ON SITE	#N/A	TOTALS				24.0	264.0
					BARITES USED	#N/A	DAILY MUD COSTS				\$3,251.90	
					MUD MIXED	1737 Bbbls	CUM. MUD COSTS				\$23,845.67	
					MUD LOSSES	760 Bbbls	AFE COST - C&S					
							AFE COST - P&A					
							AFE COST - C&C					

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	1:00	Rih with Rerun Bit to 198m
1:00	2:30	Slip 30ft and cut 30ft Drilling Line
2:30	5:30	Rih to 1508m
5:30	7:00	Pick up Kelly, Wash to bottom 1524m, Circulate and clean hole
7:00	12:00	Pump Hevi-wt Pill, Pooh and lay down Pipe using Inhibitor in Mud
12:00	13:30	Pick up Kelly and lay down Spinner and break connections
13:30	16:00	Lay down Hwd/p and Drill collars
16:00	16:30	Retreive Wearbushing
16:30	19:30	Rig up to run Casing, Make up Crossover and pressure test Pipe rams to 750psi
19:30	0:00	Make up Float shoe and collar, Hold PJSM, Run 7"x231b/ft K-55 Bt&c casing to 759m

MAXIMUM GAS:	% @ m	BACKGROUND GAS:	0.24%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:		MUD CO:	RMN Drilling Fluids		



DAILY DRILLING REPORT

16/08/2007

REPORT # 12

WELL	Bodalla Sth 18	24:00 DEPTH	1524m	24 HR PROG		CUM. COSTS	\$23,846	
RIG	Hunt Energy # 2	FORMATION	Total Depth	PTD	1518m	DAILY COSTS		
OP's TO 06:00 Rig down and prepare to load out Camp.								
REMARKS / FORWARD PLAN: Run Casing, Circulate, Pump Preflush, Cement and Displace, ND Bops, Clean tanks, Install Tubing Spool, Release Rig at 19:00hrs, Rig down.							PERSONNEL ON SITE:	25
LAST CASING	7"	SET AT	1518.4m	LOT		MAASP		
		BOP TEST	6/08/2007	TEST DUE	20/08			
AFD's: 167	SAFETY	1. Running casing and Cementing 2. Rigging down				WEATHER AM	Co0l & Fine	
						PM	Fine & Cool	

BIT INFORMATION				MUD PROPERTIES		OPERATION		HRS	CUM
WOB(kLb)		JET V(fps)		Time	24:00	BOP's / Wellhead	6.5	15.5	
RPM		HSI		Depth (m)	1524	Cementing	1.5	2.5	
BIT NUMBER				Temp (°C)		Circ & Condition	1.0	12.5	
Size (in)				Mud Type	KCL Brine	Coring			
Make				Density (ppg)	8.50	D/O Cement		1.5	
Type				ECD (ppg)		Drilling		57.5	
IADC Code				Viscosity (sec)	Water	FIT / LOT			
Serial Number				PV / YP (cp/lb)		Handle BHA		23.5	
T.F.A. (")				Gells (s/m)		Repairs		4.0	
Depth In (m)				API Filt. (cc)	NC	Rig Service		0.5	
Depth Out (m)				Cake (/32")		Rig up Csg / Cmt.		4.5	
Total Meters				Solids (% Vol)	0.5	Run Casing	5.5	14.0	
Hours				Sand (% Vol)		Safety			
ROP				MBT		Slip/Cut Drill Line		8.0	
Condition Out				pH (strip)		Survey		7.5	
FLOW DATA				BHA LENGTH (m)		Chlorides (mg/l)	10000	Test BOP	6.5
CIRC. RATE (gpm)				BHA WEIGHT(kLb)		KCL (%)	2	Tight hole / Fishing	
AV - DP (fpm)				STRING WT (kLb)		PHPA (ppb)		Tripping	64.0
AV - DC (fpm)				HOOK LOAD (kLb)		ALC - 50 (K)		Wait on Cement	4.0
SPP (psi)				WT BELOW JARS (kLb)		Circ. Vol. (Bbl)	197	Wash / Ream	0.5
SPP (calculated)				DRAG UP (kLb)		CHEMICAL USAGE			
PUMP #1		PUMP #2		DRAG DOWN (kLb)				Well Control	
TSM 500		CE DB 550		TORQUE ON (Amps/Rel.)				Well Test	18.0
RATE		RATE		TORQUE OFF (Amps/Rel.)				Wiper Trip	9.0
LINER	6.0"	LINER	6.0"	BULK PRODUCTS					
STROKE	16.0"	STROKE	16.0"	FUEL ON SITE	12500 Litres			Wireline	6.5
				DAILY USAGE	2700 Litres			Other	9.5
				CUM. FUEL USED	17500 Litres			TOTALS	24.0
SURVEYS				BARITES ON SITE	#N/A			DAILY MUD COSTS	
				BARITES USED	#N/A			CUM. MUD COSTS	\$23,845.67
				MUD MIXED	1934 Bbbls			AFE COST - C&S	
				MUD LOSSES	1452 Bbbls			AFE COST - P&A	
				AFE COST - C&C					

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	5:30	Run 128jts 7" x 23lb/ft k-55 Bt&c casing and 1 Marker jt
5:30	6:30	Circulate and clean hole, Pump 30bbl Preflush, Hold PJSM
6:30	8:00	Cement with Lead and Tail, Displace and Bump plug, Pressure test casing, 10bbl cement returns at 10.5ppg
8:00	9:00	Flush out Stack and flowline, Set Slips with 30k Overpull, 76k-106k
9:00	11:00	ND Bops, Kooemy lines, Kill line, chokeline and Flowline, Dump and clean Mud tanks
11:00	12:00	Rig down catwalks and V-Door
12:00	13:30	Lift Bop and rough cut Casing 7" above Bradenhead Flange
13:30	15:00	Lay out Bell nipple and Bops.
15:00	16:00	Final cut Casing 5" and Dress
16:00	17:30	Install 7-1/16" x 10" WG 3K Tubing Spool and Plate on Top
17:30	19:00	Complete cleaning out mud tanks and Lay down Kelly, Release Rig.
19:00	0:00	Rig down Drill floor, Mud tanks and Pumps, Prepare Mast for lowering

MAXIMUM GAS:	% @ m	BACKGROUND GAS:	%	CONNECTION GAS:	%	TRIP GAS:	%
SUPERVISOR:	Gary Mogg	GEOLOGIST:		MUD CO:	RMN Drilling Fluids		



DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 1-2 **DAYS FROM SPUD:** 2 **DATE:** 06/08/07
PL: PL 31 **0000 hrs Depth:** 202m **LAST DEPTH:** 0 m **PROGRESS:** 202m
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level:** 150 m
NEARBY WELLS: Bodalla South -7
0600 OPS, 07/08/07: M/U BHA.

PREVIOUS 24 Hours Operations: WSG onsite 18:30hrs 06/08/2007. 12 ¼ inch hole drilled to 202 mRT, 9 5/8 inch casing run and cemented with shoe at 198.8 mRT and nipping up BOPs. Commence pressure testing.

Formation Tops	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial &Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.			489	335		
Allaru Mudstone			629	475		
Toolebuc Fm.			816	662		
Wallumbilla Fm.			829	675		
Cadna-owie Fm.			1070	916		
Murta Fm.			1146	992		
Namur Sst.			1168	1014		
Westbourne Fm.			1273	1119		
Adori Sst.			1376	1222		
Birkhead Fm.			1392	1238		
Hutton SST "Top Φ"			1458	1304		
Total Depth			1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
Fluorescence		

Fluorescence	
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DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 3 **DAYS FROM SPUD:** 3 **DATE:** 07/08/07
PALE: PL 31 **0000 hrs Depth:** 705 m **LAST DEPTH:** 202 m **PROGRESS:** 503m
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level:** 150 m
NEARBY WELLS: Bodalla South -7

0600 OPS, 08/08/07: Drill ahead with surveys to 862 mRT in Wallumbilla Fm. Survey at 859 mRT kicked out to 5.25 deg toward 234 deg.

PREVIOUS 24 Hours Operations: Complete pressure testing, RIH with 8 ½ inch BHA, drill out shoe track and drill ahead with surveys to midnight depth of 705 mRT.

Formation Tops	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial & Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.	487	-333	489	335	1.8 H	10.0 H
Allaru Mudstone	628	-474.2	629	475	0.8 H	3.0 H
Toolebuc Fm.	816.5	-662.7	816	662	0.7 L	2.5 H
Wallumbilla Fm.	828.5	-674.7	829	675	0.3 H	5.5 H
Cadna-owie Fm.			1070	916		
Murta Fm.			1146	992		
Namur Sst.			1168	1014		
Westbourne Fm.			1273	1119		
Adori Sst.			1376	1222		
Birkhead Fm.			1392	1238		
Hutton SST "Top Φ"			1458	1304		
Total Depth			1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
200 – 280	Interbedded SANDSTONE and SILTSTONE: SANDSTONE: light grey to light brownish grey, fine to occasionally medium, sub angular to sub rounded, siliceous cement, common very calcareous clay matrix, common dark and redish orange lithics, minor carbonaceous material, friable to moderate hard, loose in part, poor visible porosity, no show. SILTSTONE: brownish grey, olive grey, light grey, greenish grey, predominantly argillaceous, rare carbonaceous material, glauconitic in part, firm to moderate hard, blocky to sub blocky.	0/0 0/0/0/0/0
Fluorescence		

280 – 487	SILTSTONE with minor interbedded COAL and SANDSTONE and trace DOLOMITE: SANDSTONE: translucent, light grey, very fine to fine, well sorted, sub angular to sub rounded, trace siliceous cement, argillaceous matrix, variably calc, trace glauconite, rare carbonaceous material, friable to moderate hard, common loose, poor visible porosity, no show. SILTSTONE: brownish grey, olive grey, medium grey, argillaceous, common arenaceous, grading to very fine feldspathic SANDSTONE in part, rare carbonaceous microlaminae, soft to firm, sub blocky to blocky. COAL: black, brownish black, earthy, argillaceous, soft to brittle, blocky, trace plant remnants, DOLOMITE: light brown, micritic, minor carbonaceous specks, hard,	43/4.9 100/0/0/0/0
Fluorescence		

DAILY GEOLOGICAL REPORT

487 – 540	<p>SILTSTONE with minor interbedded SANDSTONE: SANDSTONE: medium light grey, greenish grey, fine to medium, moderate sorted, sub rounded to rounded, siliceous cement, argillaceous matrix, common glauconitic alteration, minor feldspar, rare lithics, friable to moderate hard, nil visible porosity, no show. SILTSTONE: brownish grey, olive black, argillaceous, minor carbonaceous material/laminae, trace nodular pyrite, rare mica, soft to firm, sub fissile to blocky.</p>	33.2/10.3 100/tr/0/0/0
Fluorescence		
540 – 628	<p>Interbedded SANDSTONE and SILTSTONE: SANDSTONE: medium grey to medium dark grey, very fine to fine, rare medium, moderate sorted, sub rounded, siliceous cement, variably calcareous clay matrix, rare feldspar, trace pyrite, common dark lithics, trace glauconite, loose to moderate hard, poor visible porosity, very dull mineral fluorescence from calcareous fraction. SILTSTONE: brownish grey, brownish black, olive grey, argillaceous, trace carbonaceous specks, hygrotergic in part, dispersive in part, predominantly soft to firm, sub blocky .</p>	18.5/7.3 99/1/0/0/0
Fluorescence		
628 – 750	<p>Massive SILTSTONE: SILTSTONE: medium dark grey to dark grey, brownish grey, olive grey, argillaceous, arenaceous in part, trace carbonaceous specks, rare calcitic fossil fragments, grading to very fine SANDSTONE, soft to firm, blocky to sub blocky.</p>	10.3/5.6 96/4/0/0/0
Fluorescence		
750 – 816.5	<p>SILTSTONE with minor rare DOLOMITE/LIMESTONE interbeds: SILTSTONE: medium dark grey to dark grey, brownish grey to brownish black, argillaceous, arenaceous in part, common carbonaceous specks, rare micromica, firm, sub blocky to sub fissile. LIMESTONE: brownish grey, micritic, minor nodular pyrite, hard DOLOMITE: light brownish grey to brownish grey, micritic, moderate hard to hard, trace carbonaceous specks, trace fossil fragments.</p>	8.9/5.5 96/3/1/0/0
Fluorescence		
816.5 – 828.5	<p>Massive SILTSTONE: SILTSTONE: brownish grey to brownish black, common carbonaceous material/microlaminae, very calcareous, rare Inoceramus, firm, fissile.</p>	13.2/7.1 95/3/2/0/0
Fluorescence		
828.5 – 862	<p>Massive SILTSTONE: SILTSTONE: brownish black, carbonaceous, very calcareous, abundant carbonaceous microlaminae, firm, fissile.</p>	28.5/6.8 95/4/1/tr/0
Fluorescence		
Fluorescence		



DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 4 **DAYS FROM SPUD:** 4 **DATE:** 08/08/07
PALE: PL 31 **0000 hrs Depth:** 1212 m **LAST DEPTH:** 705 m **PROGRESS:** 507m
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level:** 150 m
NEARBY WELLS: Bodalla South -7

0600 OPS, 09/08/07: Drill ahead with surveys to 1336 mRT in Westbourne Fm.

PREVIOUS 24 Hours Operations: Drill ahead with surveys to 1091 mRT in Cadna-owie Fm. Commenced well control procedures due to perceived pit gain. Increased mudweight to 9.6ppg with barite. Drill ahead with surveys to midnight depth of 1212 mRT in Namur Sandstone.

Formation Tops	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial & Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.	487	-333	489	335	1.8 H	10.0 H
Allaru Mudstone	628	-474.2	629	475	0.8 H	3.0 H
Toolebuc Fm.	816.5	-662.7	816	662	0.7 L	2.5 H
Wallumbilla Fm.	828.5	-674.7	829	675	0.3 H	5.5 H
Cadna-owie Fm.	1070.5	-916.7	1070	916	0.7 L	14.0 H
Murta Fm.	1146.5	-992.7	1146	992	0.7 L	3.5 H
Namur Sst.	1168.5	-1014.7	1168	1014	0.7 L	0.5 H
Westbourne Fm.	1272	-1118.2	1273	1119	0.8 H	1.5 H
Adori Sst.			1376	1222		
Birkhead Fm.			1392	1238		
Hutton SST "Top Φ"			1458	1304		
Total Depth			1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
862 – 940	Massive SILTSTONE: SILTSTONE: medium dark grey to dark grey, argillaceous, trace glauconite, rare carbonaceous specks, common micromica, soft to firm, sub blocky to sub fissile.	25.8 / 7.0 97/2/1/0/0
Fluorescence		
940 – 1010	SILTSTONE with minor interbedded SANDSTONE: SANDSTONE: medium grey, greenish grey, very fine, well sorted, siliceous cement, argillaceous matrix, minor glauconite, rare feldspar, interlaminated with and grading to SILTSTONE, friable to moderate hard, tight to poor visible porosity, no show. SILTSTONE: medium dark grey to dark grey, argillaceous, arenaceous in part, micromicaceous, trace pyrite as fossil replacement, soft to firm, blocky to sub blocky.	25.4 / 8 98/1/1/0/0/
Fluorescence		
1010 – 1070.5	Massive SILTSTONE: SILTSTONE: dark grey, argillaceous, micromicaceous, trace glauconite, soft to firm, dispersive in part, sub blocky to sub fissile.	25.4 / 14.6 94/3/2/1/0
Fluorescence		

DAILY GEOLOGICAL REPORT

1070.5 – 1095	<p>Interbedded SANDSTONE and SILTSTONE: SANDSTONE: light grey, light brownish grey, very fine to medium, minor loose medium to coarse, rare granular, moderate sorted to poor sorted, sub angular to sub rounded, siliceous cement, nil to predominantly abundant variably calcareous clay matrix, rare feldspar, trace glauconite, rare carbonaceous material, rare coal fragments, minor quartz overgrowths, grading to arenaceous SILTSTONE, friable to moderate hard, poor to fair visible porosity, minor mineral fluorescence. SILTSTONE: medium dark grey to dark grey, argillaceous, arenaceous in part, rare to locally common carbonaceous material, micromicaceous, trace nodular pyrite, soft to moderate hard, sub blocky to sub fissile.</p>	13.5 / 8.2 96/2/tr/1/1
Fluorescence		
1095 – 1146.5	<p>Interbedded SANDSTONE and SILTSTONE: SANDSTONE: as above, commonly interlaminated with and grading to arenaceous SILTSTONE, minor carbonaceous microlaminae SILTSTONE: brownish grey to brownish black, arenaceous, common carbonaceous microlaminae, micromicaceous in part, feldspathic, soft to moderate hard, sub fissile.</p>	10.5 / 5.0 97/3/tr/0/0
Fluorescence		
1146.5 – 1168	<p>Interlaminated SILTSTONE and SANDSTONE: SANDSTONE: light grey, light brownish grey, very fine, well sorted, sub rounded to rounded, siliceous cement, trace argillaceous matrix, minor feldspar, trace carbonaceous specks, minor micromica, interlaminated with and grading to arenaceous SILTSTONE, moderate hard, tight visible porosity, no show. SILTSTONE: brownish grey, olive grey, arenaceous, micromicaceous, feldspathic, minor carbonaceous specks, common very fine SANDSTONE interlaminations, moderate hard, fissile.</p>	4.8 / 3.1 91/4/1/3/1
Fluorescence		
1168 – 1220	<p>Interbedded SANDSTONE and SILTSTONE: SANDSTONE: light olive grey, light brownish grey to brownish grey, fine to medium, moderate sorted, sub angular to sub rounded, siliceous cement, partially recrystallised calcareous matrix, trace mica, trace carbonaceous material, loose to moderate hard, poor visible porosity, no show. SILTSTONE: medium dark grey to dark grey, brownish grey, arenaceous, micromicaceous, minor carbonaceous specks/laminae, firm, sub fissile to blocky.</p>	99/1/0/0/0
Fluorescence		
1220 – 1272	<p>SANDSTONE with occasional SILTSTONE interbeds: SANDSTONE: light grey to medium light grey, transparent, translucent, predominantly fine to medium, rare coarse, moderate sorted, angular to sub rounded, siliceous cement, common white calcareous clay matrix, rare carbonaceous and silty laminae, trace lithics, trace glauconite, loose to friable, poor visible porosity, no show. SILTSTONE: brownish grey to brownish black, feldspathic, minor micromica, common carbonaceous material, firm, fissile.</p>	7.9 / 2.0 90/3/3/3/1
Fluorescence		
1272 – 1336	<p>Interlaminated SANDSTONE and SILTSTONE: SANDSTONE: light grey to light brownish grey, very fine, well sorted, rounded to sub rounded, siliceous cement, white clay matrix, trace lithics, micromicaceous, friable, tight visible porosity,</p>	12.8 / 5.5 90/3/2/4/1



DAILY GEOLOGICAL REPORT

Fluorescence	<p>(1272-1295m) Trace in very fine aggregates, bright yellow-white, even, moderate fast streaming cut, fast blooming crushed cut, thick blue film and ring residue.</p> <p>(1310-1315m) Trace dull brown in light brownish grey very fine SANDSTONE aggregates, no cut, very slow crushed cut with very faint film and ring residue.</p> <p>(1330 – 1340m) 10 to 30% in tight moderate to poor sorted sandstone aggregates, bright white, even, very slow blooming cut, moderate blooming crushed cut, thin film and ring residue.</p>
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Fluorescence	
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DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 5 **DAYS FROM SPUD:** 5 **DATE:** 09/08/07
PALE: PL 31 **0000 hrs Depth:** 1524m **LAST DEPTH:** 1212 m **PROGRESS:** 312m
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level** 150 m
NEARBY WELLS: Bodalla South -7

0600 OPS, 10/08/07: POOH after wiper trip for wireline.

PREVIOUS 24 Hours Operations: Drill ahead with surveys to TD of 1524 mRT, reached at 17:30 hrs. Circulate hole clean and commence wiper trip to shoe. Slip and Cut. Survey at 1508 mRT: 1.5 deg. toward 210 deg.

Formation Tops	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial & Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.	487	-333	489	335	1.8 H	10.0 H
Allaru Mudstone	628	-474.2	629	475	0.8 H	3.0 H
Toolebuc Fm.	816.5	-662.7	816	662	0.7 L	2.5 H
Wallumbilla Fm.	828.5	-674.7	829	675	0.3 H	5.5 H
Cadna-owie Fm.	1070.5	-916.7	1070	916	0.7 L	14.0 H
Murta Fm.	1146.5	-992.7	1146	992	0.7 L	3.5 H
Namur Sst.	1168.5	-1014.7	1168	1014	0.7 L	0.5 H
Westbourne Fm.	1272	-1118.2	1273	1119	0.8 H	1.5 H
Adori Sst.	1376.5	-1222.7	1376	1222	0.7 L	0.5 H
Birkhead Fm.	1396	-1242.2	1392	1238	4.2 L	2.0 L
Hutton SST "Top Φ "	1458	1304.2	1458	1304	0.2 L	8.0 H
Total Depth	1524		1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
1340 – 1345	SANDSTONE: light grey to medium light grey, fine to medium, well sorted, sub angular to sub rounded, siliceous cement, trace to common white clay matrix, variably calcareous, trace lithics, trace carbonaceous material, friable to moderate hard, rare loose, fair to poor visible porosity, SILTSTONE: brownish grey to brownish black, arenaceous, argillaceous in part, common carbonaceous material/microlaminae, minor feldspar, firm sub fissile.	9.7 / 9.5 86/4/3/5/2
Fluorescence	Trace, in tight moderate to poor sorted sandstone aggregates, bright white, even, very slow blooming cut, moderate blooming crushed cut, thin film and ring residue.	

1345 – 1376.5	Interbedded SANDSTONE and SILTSTONE: SANDSTONE: light grey to medium light grey, fine to occasionally medium, angular to sub rounded, siliceous cement, nil to common white clay matrix, slightly calcareous in part, minor silty laminae, trace carbonaceous specks, friable, tight visible porosity, no show. SILTSTONE: brownish grey to brownish black, arenaceous, argillaceous in part, common carbonaceous material/microlaminae, minor feldspar, firm sub fissile.	10.1 / 4.4 89/3/3/5/0
Fluorescence		

1376.5 – 1396	Massive SANDSTONE: SANDSTONE: translucent, transparent, fine, well sorted, sub angular to sub rounded, siliceous cement, minor white clay matrix, trace lithics, predominantly loose, rare friable aggregates, becoming fine to medium and poorly sorted toward base, tight visible porosity, tight to good inferred porosity, no show.	10.9 / 5.4 93/3/1/2/1
Fluorescence		

DAILY GEOLOGICAL REPORT

1396 – 1410	<p>Interbedded SANDSTONE and SILTSTONE: SANDSTONE: translucent, transparent, fine, well sorted, sub angular to sub rounded, siliceous cement, minor white clay matrix, trace lithics, predominantly loose, rare friable aggregates, tight visible porosity, good/tight inferred porosity, no show. SILTSTONE: brownish grey, arenaceous, micromicaceous, minor carbonaceous material, firm to moderate hard, fissile.</p>	6.2 / 5.7 96/4/0/0/0
Fluorescence		
1410 – 1458	<p>Interbedded SANDSTONE and SILTSTONE: SANDSTONE: translucent, transparent, light brownish grey, very fine to coarse, poor sorted, sub angular to rounded, siliceous cement, moderate to abundant white clay matrix, calcareous in part, common carbonaceous material, minor feldspar, minor lithics, loose to friable, poor visible porosity, fair inferred porosity, no show. SILTSTONE: brownish grey, olive grey, greyish brown, arenaceous, micromicaceous, feldspathic, common carbonaceous material, common carbonaceous microlaminae, firm to moderate hard, sub blocky to sub fissile.</p>	18.4 / 7.5 64/6/6/11/13
Fluorescence	(1450-1458m): trace to 10% in fine to medium moderate sorted aggregates with trace to common matrix, moderately bright yellow-white to blue-white, patchy, slow blooming cut, moderate to slow blooming crushed cut, thin film and ring residue.	
1458 - 1470	<p>SANDSTONE with trace to minor interbedded SILTSTONE: SANDSTONE: translucent, transparent, medium light grey, fine to medium, moderate sorted, sub rounded, predominantly loose, minor aggregates with siliceous cement & common white clay matrix, trace lithics, trace mica, excellent inferred porosity. SILTSTONE: light brownish grey to brownish grey, arenaceous, common carbonaceous material, feldspathic, moderate hard, sub fissile.</p>	42.3 / 30.3 64/6/7/12/11
Fluorescence	(1458 – 1470m) 10-50%, moderate to bright yellow-white fluorescence with dull overall fluorescence in part, moderate streaming cut, fast streaming crushed cut, occasionally moderate blooming cut, thick blue-white ring residue.	
1470 – 1524	<p>SANDSTONE with minor interbedded SILTSTONE: SANDSTONE: translucent, transparent, very fine to predominantly medium, trace coarse, well sorted, sub rounded, trace aggregates with siliceous cement, nil to trace matrix, trace pink garnet, trace carbonaceous material, excellent inferred porosity. SILTSTONE: brownish grey, arenaceous, common carbonaceous specks, trace carbonaceous microlaminae, micromicaceous, firm to moderate hard, fissile.</p>	27.9 / 22.5 76/3/4/8/9
Fluorescence	FLUORESCENCE: (1470 – 1480m) trace in fine to medium aggregates with nil to common clay matrix, dull to moderately bright, patchy, occasionally pinpoint, very slow blooming cut, slow blooming crushed cut, thin blue film and ring residue.	



DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 6 **DAYS FROM SPUD:** 6 **DATE:** 10/08/07
PALE: PL 31 **0000 hrs Depth:** 1524m **LAST DEPTH:** 1524 **PROGRESS:** 0
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level:** 150 m
NEARBY WELLS: Bodalla South -7

0600 OPS, 11/08/07: Make up tool for DST-1 to run over interval: 1444.01 to 1455.41 mRT.

PREVIOUS 24 Hours Operations: RIH and circulate. POOH. Make up PEX-HALS-BHC and RIH hole for Run 1. Encountered sticky hole at 1430 and 1460 mRT whilst running in. Stuck at 1432 mRT whilst logging up on high resolution/repeat pass. Aborted re-tag of TD for standard resolution pass and logged in standard resolution from above obstruction to RT. Laid down SLB tool and RIH for wiper trip. Circulate hole clean and commence POOH.

Formation Tops	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial & Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.	487	-333	489	335	1.8 H	10.0 H
Allaru Mudstone	628	-474.2	629	475	0.8 H	3.0 H
Toolebuc Fm.	816.5	-662.7	816	662	0.7 L	2.5 H
Wallumbilla Fm.	828.5	-674.7	829	675	0.3 H	5.5 H
Cadna-owie Fm.	1070.5	-916.7	1070	916	0.7 L	14.0 H
Murta Fm.	1146.5	-992.7	1146	992	0.7 L	3.5 H
Namur Sst.	1168.5	-1014.7	1168	1014	0.7 L	0.5 H
Westbourne Fm.	1272	-1118.2	1273	1119	0.8 H	1.5 H
Adori Sst.	1376.5	-1222.7	1376	1222	0.7 L	0.5 H
Birkhead Fm.	1396	-1242.2	1392	1238	4.2 L	2.0 L
Hutton SST "Top Φ"	1458	1304.2	1458	1304	0.2 L	8.0 H
Total Depth	1524		1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
Fluorescence		

Fluorescence	
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DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 7 **DAYS FROM SPUD:** 7 **DATE:** 11/08/07
PALE: PL 31 **0000 hrs Depth:** 1524m **LAST DEPTH:** 1524 **PROGRESS:** 0
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level:** 150 m
NEARBY WELLS: Bodalla South -7

0600 OPS, 12/08/07: Continue POOH and lay down DST1. Make up BHA for wiper trip and commence RIH.
PREVIOUS 24 Hours Operations: POOH, make up conventional straddle tool and RIH for DST 1 over 1444.01 to 1455.41 mRT. Conduct test with preflow for 5 mins, initial shutin: 30 mins, main flow: 60 mins and final shutin: 90 mins. No blow observed throughout test. Reverse indicated minimal influx, with recovery of rat hole mud/formation water with an oil film. Convention circulate prior to POOH.

Formation Tops	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial & Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.	487	-333	489	335	1.8 H	10.0 H
Allaru Mudstone	628	-474.2	629	475	0.8 H	3.0 H
Toolebuc Fm.	816.5	-662.7	816	662	0.7 L	2.5 H
Wallumbilla Fm.	828.5	-674.7	829	675	0.3 H	5.5 H
Cadna-owie Fm.	1070.5	-916.7	1070	916	0.7 L	14.0 H
Murta Fm.	1146.5	-992.7	1146	992	0.7 L	3.5 H
Namur Sst.	1168.5	-1014.7	1168	1014	0.7 L	0.5 H
Westbourne Fm.	1272	-1118.2	1273	1119	0.8 H	1.5 H
Adori Sst.	1376.5	-1222.7	1376	1222	0.7 L	0.5 H
Birkhead Fm.	1396	-1242.2	1392	1238	4.2 L	2.0 L
Hutton SST "Top Φ"	1458	1304.2	1458	1304	0.2 L	8.0 H
Total Depth	1524		1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
Fluorescence		

Fluorescence	



DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 8 **DAYS FROM SPUD:** 8 **DATE:** 12/08/07
PALE: PL 31 **0000 hrs Depth:** 1524m **LAST DEPTH:** 1524 **PROGRESS:** 0
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level:** 150 m
NEARBY WELLS: Bodalla South -7

0600 OPS, 13/08/07: Complete Slip and Cut. RIH. M/U surface gear.

PREVIOUS 24 Hours Operations: Continue POOH and Lay down DST1. M/U BHA for wiper trip. Conduct wiper trip reaming down last 11 metres and tagged 4 metres fill. POOH. Make up DST2 with interval: 1455.02 – 1459.07m. RIH to shoe. Commence Slip and Cut.

Formation Tops	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial & Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.	487	-333	489	335	1.8 H	10.0 H
Allaru Mudstone	628	-474.2	629	475	0.8 H	3.0 H
Toolebuc Fm.	816.5	-662.7	816	662	0.7 L	2.5 H
Wallumbilla Fm.	828.5	-674.7	829	675	0.3 H	5.5 H
Cadna-owie Fm.	1070.5	-916.7	1070	916	0.7 L	14.0 H
Murta Fm.	1146.5	-992.7	1146	992	0.7 L	3.5 H
Namur Sst.	1168.5	-1014.7	1168	1014	0.7 L	0.5 H
Westbourne Fm.	1272	-1118.2	1273	1119	0.8 H	1.5 H
Adori Sst.	1376.5	-1222.7	1376	1222	0.7 L	0.5 H
Birkhead Fm.	1396	-1242.2	1392	1238	4.2 L	2.0 L
Hutton SST "Top Φ"	1458	1304.2	1458	1304	0.2 L	8.0 H
Total Depth	1524		1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
Fluorescence		

Fluorescence	



DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 9 **DAYS FROM SPUD:** 9 **DATE:** 13/08/07
PALE: PL 31 **0000 hrs Depth:** 1524m **LAST DEPTH:** 1524 **PROGRESS:** 0
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level:** 150 m
NEARBY WELLS: Bodalla South -7

0600 OPS, 14/08/07: Wait at shoe. RIH and commence make up surface gear.

PREVIOUS 24 Hours Operations: Complete slip and cut. RIH. Make up test head. Open tool with weak blow to surface throughout Preflow. No subsequent blow observed. Drop bar and reversed out empty string. POOH and lay down DST tool. No recovery in sampler. Charts indicate DST2 was misrun. Make up tool for DST3 and RIH to shoe.

Formation Tops (Post Log)	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial & Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.	487	-333	489	335	1.8 H	10.0 H
Allaru Mudstone	628	-474.0	629	475	0.8 H	3.0 H
Toolebuc Fm.	820	-666	816	662	4.2 L	1.0 L
Wallumbilla Fm.	836	-682	829	675	7.2 L	2.0 L
Cadna-owie Fm.	1067	-913	1070	916	2.8 H	17.5 H
Murta Fm.	1146.5	-992.5	1146	992	0.7 L	3.5 H
Namur Sst.	1165	-1011	1168	1014	2.8 H	4.0 H
Westbourne Fm.	1268	-1114	1273	1119	4.8 H	5.5 H
Adori Sst.	1376.2	-1222.2	1376	1222	0.4 L	0.8 H
Birkhead Fm.	1394.2	-1240.2	1392	1238	2.4 L	0.2 L
Hutton SST "Top Φ"	1455.8	1301.8	1458	1304	2.0 H	10.2 H
Total Depth	1524		1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
Fluorescence		

Fluorescence	
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DAILY GEOLOGICAL REPORT

WELL: Bodalla South 18 **REPORT No.:** 10 **DAYS FROM SPUD:** 10 **DATE:** 14/08/07
PALE: PL 31 **0000 hrs Depth:** 1524m **LAST DEPTH:** 1524 **PROGRESS:** 0
LOCATION: Eromanga Basin **Rig:** Hunt Rig 2 **RT elevation:** 153.8m **PTD (mRT):** 1518
Survey: Bodalla Sth 3D **InLine:** 425 **XLine:** 187 **Ground Level:** 150 m
NEARBY WELLS: Bodalla South -7

0600 OPS, 15/08/07: RIH, wash 12 metres to bottom, circulate and condition mud.

PREVIOUS 24 Hours Operations: Wait at shoe. RIH hole and rig up DST3 surface gear. Open tool at 06:58 hrs. Test times: 5/30/120/240. Recovered 8.5 bbls oil, 9.2 bbls muddy water. POOH and lay out test gear. RIH hole with bit.

Formation Tops (Post Log)	Wellsite (mRT)*	Wellsite (mSS)	Prognosed (mKB)	Depths (mSS)	Prognosis Diff H/L	Bodalla South-7 Diff H/L
Surficial &Winton Fm	3.8	-150	3.8	-150	0	0.4 H
Mackunda Fm.	487	-333	489	335	1.8 H	10.0 H
Allaru Mudstone	628	-474.0	629	475	0.8 H	3.0 H
Toolebuc Fm.	820	-666	816	662	4.2 L	1.0 L
Wallumbilla Fm.	836	-682	829	675	7.2 L	2.0 L
Cadna-owie Fm.	1067	-913	1070	916	2.8 H	17.5 H
Murta Fm.	1146.5	-992.5	1146	992	0.7 L	3.5 H
Namur Sst.	1165	-1011	1168	1014	2.8 H	4.0 H
Westbourne Fm.	1268	-1114	1273	1119	4.8 H	5.5 H
Adori Sst.	1376.2	-1222.2	1376	1222	0.4 L	0.8 H
Birkhead Fm.	1394.2	-1240.2	1392	1238	2.4 L	0.2 L
Hutton SST "Top Φ "	1455.8	1301.8	1458	1304	2.0 H	10.2 H
Total Depth	1524		1518	1364		

Interval (m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
Fluorescence		

Fluorescence	
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BEACH PETROLEUM BIT RECORD

Well : Bodalla Sth 18 Basin / Area : Cooper Basin Permit : PL 31 Field : Bodalla
 Location : Latitude : 26° 26' 39.50" S G.L. : 150.00 metres Spud Date: 5-Aug-07
 Longitude : 143° 25' 10.11" E Well Site Supervisor: Gary Mogg K.B. : 154.00 metres T.D. Date: 9-Aug-07
 Contractor : Hunt Energy Rig #: 2 Proposed TD: 1518 metres Rig Released Date: 16-Aug-07

PUMPS												MUD TYPE																	
No.	Type	Stroke (in)		Liner (in)		Output (gps)		Section	Dev	Interval		Type	Wt																
1	TSM 500 Duplex	16.00		6.00		6.94		Surface	#VALUE!	0m to 202m		Gel Spud Mud	8.90																
2	CE DB 550 Duplex	16.00		6.00		6.94		Main	#VALUE!	202m to 1524m		KCL Polymer	9.60																
Bit No.	Run No.	Size (in)	Make	Type	IADC Code	Serial No.	# of nozzles Size- 32nds	Motor Y / N	Shock-Sub Serial No.	Depth Out	Metres	Hours	ROP (m/hr)	Accum Hours	Bit Grading								WOB		RPM		Press (psi)	Pump (gpm)	
1	1	12.25	Hughes	GT-C1	117	6033357	3 18	N	N	202	202	11	18.4	11	I	O	D	L	B	G	O	R	Mn	Mx	Mn	Mx	750	542	
2	2	8.5	REED	DSX419S	437	214007	4 16	N	N	1524	1322	46.5	28.4	57.5	2	1	CT	N	X	1	TR	TD	5	10	100	120	1000	413	

Comments : _____

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DRILLING FLUID SUMMARY

FOR : BEACH PETROLEUM

WELL : BODALLA SOUTH-18

PL 31

EROMANGA BASIN

QUEENSLAND

Prepared by : Dean Perkins
Andre Skujins

Date : August 2007

Operator : Beach Petroleum
Well : Bodalla South 18
Rig : Hunt Rig 2
Spud : August 5th 2007



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1. SUMMARY OF OPERATIONS

Bodalla South-18 was spudded at 01:00 hours on the 5th August 2007 using Hunt Energy Rig-2. The total depth of 1,524 m was reached on the 9th August 2007.

The 16" Conductor was set at only 1 m, which resulted in a washout between the conductor and the mouse hole.

The Drill Water was good and tested for the following results :

pH	8.5
Pf / Mf	0.15 / 1.22
Chlorides	2000 mg/l
Hardness	60 mg/l

HOLE SIZE : 12¼"
MUD TYPE : Gel Spud Mud
INTERVAL : 0 – 202 m
CASING : 9-5/8" @ 198.93 m

The rig tanks were filled with water and approximately 190 bbls of 18 ppb Gel Spud Mud was mixed in the Suction and Slug Pits. This was used to drill the Rat and Mouse holes and then for spudding the well. For surface hole 84/84/84 mesh screens were fitted to both shale shakers.

The well was spudded and drilling continued (slowly initially) with the thick gel spud mud. After a short time it was noticed that there was some washing out occurring between the conductor and the mouse hole. This was controlled by switching back to circulating on the slug pit, increasing the gel content of the mud and reducing the circulation rate. When the problem appeared to have been solved, we returned to circulating via the suction pit again.

Once the stabilisers were below the conductor the flow rate was increased. This hole did not produce the usual big increase in viscosity and so less dilution was needed.

Water was added to maintain volume and control the viscosity. By the time TD at 202m was reached, the mud weight had only risen to 8.9ppg, and it was left low like this as the wash out had started again.

A wiper trip was conducted to surface, and the stabiliser laid down. Apart from the wash out, the hole was in good condition with no fill on bottom. The hole was circulated clean, a slug was pumped, and the pipe was pulled out ready to run casing.

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9-5/8" surface casing was then run and cemented at 198.9m, with full returns of cement to surface. During the cement job the cellar jet was run continually because the mud was washing out under the conductor and would have filled the cellar and overflowed into the sump otherwise. The cement was displaced with water.

HOLE SIZE	:	8½"	
MUD TYPE	:	KCl Brine	KCl Polymer
INTERVAL	:	202 – 850 m	850 m – 1,524 m (TD)

All tanks were dumped, cleaned, and filled with water. KCl was added to achieve a concentration of 4%. The shakers were dressed with 140/140/140 mesh screens.

After the BOP's had been nipped up and pressure tested, an 8½" PDC bit was made up and run in the hole. The hole was displaced to brine at 202m after drilling out the cement, float and shoe track, no LOT was conducted and drilling continued with KCl Brine. The cement contaminated fluid in the hole and slug pit was dumped, and the possum belly and slug pit cleaned out.

The KCl content was maintained at about 4% with the addition of KCl in the form of brine premixes. The desilter and desander were run most of the time with the aim at this stage to keep the solids low. The sand trap was dumped to remove sand and solids periodically.

Before entering the Cadna Owie formation, at the 850m "Mud Up" point, PAC-R was added to the system to reduce the fluid loss and increase the viscosity. Further additions of PAC-R and Xanthan Gum were then made directly into the active system to get the mud in condition to weigh up with Barite. The mud weight was then increased to 9.4 ppg with Barite before entering the Cadna Owie formation as per the program. The mud weight was then maintained at 9.4 - 9.7 ppg through to TD. Shortly after entering the Cadna Owie at about 1,091m it was suspected that there might be a slight water flow and it was decided to increase the minimum mud weight to 9.6ppg as a precaution.

During the mud up the screens couldn't handle the high flow rate and so the end screens on each shaker were changed from 140's to 110's and this fixed the problem.

Once the Fluid Loss was below 8 cc's Xanthan Gum additions were used to build and maintain the Yield Point. Thereafter, the rheology was maintained with PAC-R or XCD Polymer mixed as required, added directly to the active system.

Caustic Soda was added to maintain the pH around 9.0 - 9.5. Sodium Sulphite oxygen scavenger was added as a corrosion control agent. Biocide-G was not added as the mud showed no symptoms of bio-degradation of the polymers all the way to the end of the well. This was unusual, as on most of these wells the mud

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usually begins to smell bad after 3 days or so. Biocide was only used in the completion 2% KCl brine.

Drilling proceeded to TD at 1,524m without any mud or hole problems.

After circulating the hole clean, a slug was pumped and a wiper trip was made to surface with no problems and there was no fill. After circulating the hole clean again, a slug was pumped and we pulled out of the hole for wireline logging with Schlumberger.

Once logging was completed and the pipe was run back in the hole a hi-vis pill was pumped and the hole circulated clean. A slug was pumped and we pulled out to run DST #1. After conducting DST #1 and reversing out, a slug was pumped and the DST tools were pulled out and laid down. A re-run Smith 117 bit was then run in the hole for a clean up and there was 9m of fill on bottom. The hole was cleaned with a hi-vis sweep using Xanthan Gum. The pipe was then pulled ready to run DST #2.

DST#2 was conducted but failed. After reversing out, pumping a slug and pulling out of the hole, the DST tools were laid down and a new DST assembly was made up.

The DST#3 tools were run in and DST#3 was conducted successfully. After reversing out a slug was pumped, the tools pulled out of the hole and laid down.

The pipe and collars were run back in the hole to bottom and there was no fill. Then the drill string was laid down. While being laid down, the pipe was treated with Wildcat 410 corrosion inhibitor.

While laying down pipe the Beach Brine Tank was filled with a 2% KCl brine solution with added Biocide, and the pill tank was filled with a KCl/SAPP Pre-Flush mix which was pumped into the top of the hole immediately prior to pumping cement.

The 7" casing was then run cemented at 1,518.40 m with no problems. The cement was displaced with the 2% KCl brine. Some small diluted cement returns were seen at surface with all of the pre-flush coming back.

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2. OBSERVATIONS, RECOMMENDATIONS AND WELL ANALYSIS

Bodalla South-18 was drilled to a total depth of 1,524m for a mud cost of \$26,943.37 or \$17.68 per metre. The well was drilled by Hunt Rig-2, problem free from a mud viewpoint.

The rigs solids control equipment worked fairly well. The linear motion shakers worked well, the desander and desilter put out underflows indicating that the equipment was working fairly well.

12¼" Surface Hole

This 202m section was drilled for a mud cost of \$1,712.50 or \$8.48 per metre.

This interval was drilled virtually problem free from a mud viewpoint, but the hole was very unstable. There was a washout under the conductor, which had been set too shallow communicating with the mouse hole. However, this mud system worked very well, with an increase in Gel content partially solving the problem.

8½" Production Hole

This 1,322m section was drilled for a mud cost of \$25,230.87 or \$19.08 per metre.

After drilling out the cement and shoe and displacing the hole to brine, a simple 4% KCl brine was used to drill the top section to about 850m. The desilter and desander were run as much as possible while adding fresh brine premixes to maintain volume, control solids, and to maintain the KCl concentration at about 4%.

At 850 m, mudding up commenced, and a high concentration of Pac-R was added to the system, to lower the fluid loss to below 8 cc's.

When the fluid loss had come down to spec, XCD Polymer was used to maintain the yield point and Pac-R was used to maintain fluid loss control. By the time the Cadna-Owie was reached, the mud was within program specifications and the mud weight was above 9.4 ppg as required. The mud weight was then maintained between 9.4 to 9.7ppg, finally ending up at 9.6ppg.

Overall, a change to the basic mud system is not required, simply because it worked very well and achieved its aims of helping drill the hole cheaply, quickly, and efficiently.



3. INTERVAL COSTS

Product	Interval :		12-1/4" Surface Hole			8-1/2" Production Hole			Cementing & Completion			Total Well Consumption		
	0 - 202 m		202 m - 1524 m			0 - 1524 m (TD)								
	Cost	Unit Size	Used	Cost	%Cost	Used	Cost	%Cost	Used	Cost	%Cost	Used	Cost	%Cost
AMC Biocide G	\$ 198.03	25 lt				24	\$3,908.88	17.9%	2	\$396.06	11.9%	2	\$396.06	1.5%
AMC Pac R	\$ 162.87	25 kg				106	\$1,155.40	67.5%				24	\$3,908.88	14.5%
Aus-Gel	\$ 10.90	25 kg	40	\$500.00	29.2%	410	\$5,125.00	23.4%				106	\$1,155.40	4.3%
Baryte	\$ 12.50	25 kg	1	\$57.10	3.3%	4	\$228.40	1.0%				450	\$5,625.00	20.9%
Caustic Soda	\$ 57.10	25 kg				7	\$883.12	4.0%				5	\$285.50	1.1%
PHPA	\$ 126.16	25 kg				350	\$7,840.00	35.8%	112	\$2,508.80	75.2%	7	\$883.12	3.3%
Potassium Chloride (Tech)	\$ 22.40	25 kg				6	\$126.06	0.6%	6	\$430.80	12.9%	462	\$10,348.80	38.4%
SAPP	\$ 71.80	25 kg				12	\$438.00	2.0%				6	\$430.80	1.6%
Soda Ash	\$ 21.01	25 kg				9	\$3,345.75	15.3%				6	\$126.06	0.5%
Sodium Sulphite	\$ 36.50	25 kg										12	\$438.00	1.6%
Xan-Bore	\$ 371.75	25 kg										9	\$3,345.75	12.4%
Totals :				\$1,712.50	100.0%		\$21,895.21	100.0%		\$3,335.66	100.0%		\$26,943.37	100.0%
Cost per Metre :				\$8.48			\$16.56						\$17.68	



4. MATERIALS RECONCILIATION

Previous Well : Warragon # 1
 Well : Bodalla South # 18
 Transferred to : Callawonga # 2

PRODUCT	UNIT	TOTAL RECEIVED	TOTAL USED	TRANSFER BALANCE
AMC Biocide G	25 lt	8	2	6
AMC Defoamer	25 lt	5		5
AMC Pac R	25 kg	68	24	44
AMC PHPA	25 kg	43	7	36
Aus-Gel (Aust)	25 kg	138	106	32
Baryte	25 kg	728	450	278
Caustic Soda	25 kg	25	5	
Cement	20 kg	101		101
Citric Acid	25 kg	26		26
Desco	25 kg	5		5
Kwikseal F	18.7 kg	51		51
Kwikseal M	18.7 kg	20		20
Lime	20 kg	3		3
Potassium Chloride	25 kg	672	462	210
Rod Free	25 lt	12		12
Sapp	25 kg	20	6	14
Soda Ash	25 kg	38	6	32
Sodium Sulphite	25 kg	46	12	34
Wildcat 410	25 lt	6		6
Xanthan Gum	25 kg	15	9	6
Xtra-Sweep	5.5 kg	12		12



5. FLUID PROPERTIES SUMMARY

Date	Mud Type	Temp	Depth	Weight	Vis	PV	YP	Gels		Filtrate		Solids										
								10 sec	10 min	API	Cake	Solids	Water	Sand	pH	Pf	Mf	Cl-	Ca++	K+	KCl	
5-Aug-07	Gel Spud Mud		173	8.90	43	9	11	3	7	NC			100.0	0.5	8.6	0.05	0.10	2,000	140			
	Gel Spud Mud		202	8.90	33	9	10	2	7	NC		3.9	96.1	0.3	8.5	0.05	0.10	2,000	140			
6-Aug-07	KCl Brine		202	8.60	Water							0.5	99.5		9.0	0.10	0.60	19,000	80	21,616	4.0	
7-Aug-07	KCl Brine		251	8.60	Water					NC		0.6	99.4		9.0	0.10	0.60	18,000	120	19,995	3.7	
	KCl Brine		705	8.80	29					NC		2.0	98.0	0.3	9.0	0.20	0.60	20,000	140	21,616	4.0	
8-Aug-07	KCl Brine		1006	9.40	34	9	7	1	2	12.0	1	6.1	93.9	0.3	9.0	0.10	0.70	22,000	280	24,318	4.5	
	KCL Polymer	52	1196	9.50	39	17	13	1	7	7.4	1	6.7	93.3	0.3	9.0	0.20	0.80	23,000	60	25,939	4.8	
9-Aug-07	KCL Polymer		1430	9.70	39	15	12	2	9	7.8	1	8.6	91.4	0.5	9.0	0.20	0.80	23,000	40	21,616	4.0	
	KCL Polymer	54	1524	9.60	41	16	13	2	8	6.8	1	7.7	92.3	0.5	9.0	0.20	0.80	19,500	40	21,616	4.0	
10-Jul-07	KCL Polymer		1524	9.65	39	15	12	1	7	7.2	1	8.0	92.0	0.3	9.0	0.20	0.80	19,500	40	21,616	4.0	
	KCL Polymer		1524	9.65	39	15	12	1	7	7.2	1	8.0	92.0	0.3	9.0	0.20	0.80	19,500	40	21,616	4.0	
11-Jul-07	KCL Polymer		1524	9.60	38	13	12	1	5	7.6	1	7.7	92.3	0.3	9.0	0.20	0.80	19,000	40	21,616	4.0	
	KCL Polymer		1524	9.60	38	13	12	1	5	7.6	1	7.7	92.3	TR	9.0	0.20	0.80	19,000	40	21,616	4.0	
12-Jul-07	KCL Polymer		1524	9.60	38	13	12	1	5	7.8	1	7.7	92.3	TR	9.0	0.15	0.60	19,000	40	21,616	4.0	
	KCL Polymer		1524	9.60	38	13	12	1	5	7.8	1	7.7	92.3	TR	9.0	0.15	0.60	19,000	40	21,616	4.0	
13-Jul-07	KCL Polymer		1524	9.60	38	13	10	1	5	7.8	1	7.7	92.3	TR	9.0	0.15	0.60	19,000	40	21,616	4.0	
	KCL Polymer		1524	9.60	38	13	10	1	5	7.8	1	7.7	92.3	TR	9.0	0.15	0.60	19,000	40	21,616	4.0	
14-Jul-07	KCL Polymer		1524	9.60	38	13	10	1	5	8.0	1	7.7	92.3	TR	9.0	0.10	0.60	19,000	40	21,616	4.0	
	KCL Polymer		1524	9.60	38	13	10	1	5	8.0	1	7.7	92.3	TR	9.0	0.10	0.60	19,000	40	21,616	4.0	
15-Jul-07	KCL Polymer		1524	9.60	38	13	10	1	5	8.0	1	7.7	92.3	TR	9.0	0.10	0.60	19,000	40	21,616	4.0	
	KCL Polymer		1524	9.60	38	13	10	1	5	8.0	1	7.7	92.3	TR	9.0	0.10	0.60	19,000	40	21,616	4.0	
16-Jul-07	2% KCL Brine		1524	8.50						NC		0.5	99.5				10,000		10,808	2.0		



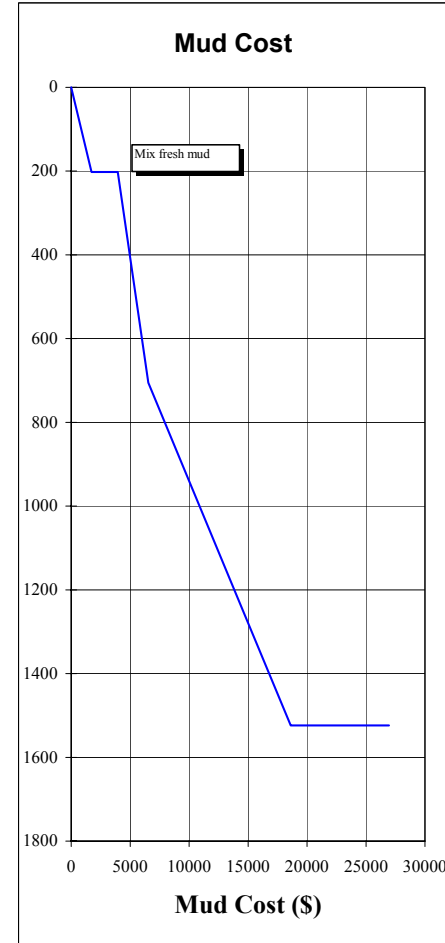
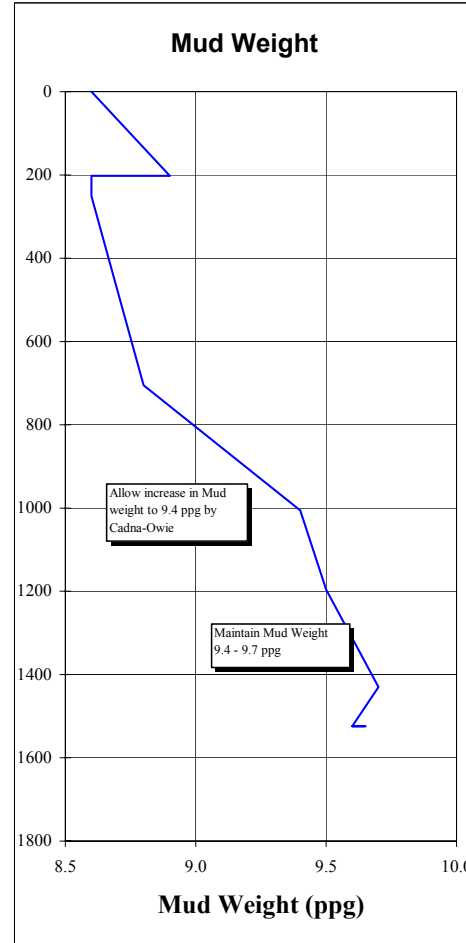
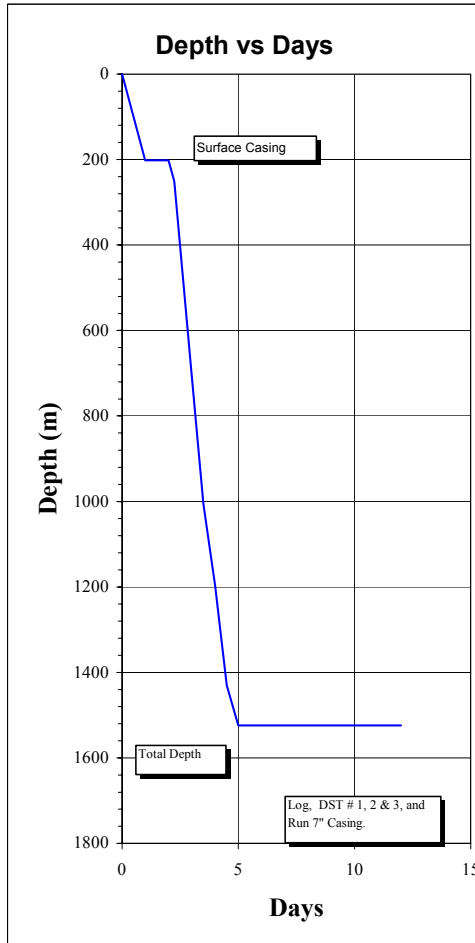
6. Mud Volume Analysis

Date	Hole Size	Interval		Mud Type	Fluid Built & Received					Fluid Disposed					Summary			
		From	To		Fresh Premix	Sump Premix	Direct Recirc	Water	Other	De-sander	De-silter	Centrifuge	Down-hole	Dumped	Other	Initial	Received	Disposed
5-Aug-07	12-1/4"	0	202 m	Spud Mud	190			170				126	173	10		360	309	51
Sub Total					190			170				126	173	10		360	309	
6-Aug-07	8-1/2"	202 m	202 m	KCl Polymer				390							51	390		441
7-Aug-07	8-1/2"	202 m	705 m	KCl Polymer	380					27	14	294		15	441	380	350	470
8-Aug-07	8-1/2"	705 m	1196 m	KCl Polymer	260						18	32		50	470	260	101	630
9-Aug-07	8-1/2"	1196 m	1524 m	KCl Polymer	215						34	36	85		630	215	155	689
10-Aug-07	8-1/2"	1524 m	1524 m	KCl Polymer				14							689	14		703
11-Aug-07	8-1/2"	1524 m	1524 m	KCl Polymer										20	703		20	683
12-Aug-07	8-1/2"	1524 m	1524 m	KCl Polymer								18		15	683		33	650
13-Aug-07	8-1/2"	1524 m	1524 m	KCl Polymer										3	650		3	647
14-Aug-07	8-1/2"	1524 m	1524 m	KCl Polymer				38						6	647	38	18	667
15-Aug-07	8-1/2"	1524 m	1524 m	KCl Polymer				24							667	24		691
Sub Total					855			466		27	66		381	97	109		1321	680
Well Total					1045			636		27	66		507	270	119		1681	990

Dilution Factors			
	Interval Length	Dilution Vol	Dilution Factor
12¼" Surface Hole	202 m	260 bbls	1.3 bbls/m
8½" Hole	1322 m	931 bbls	0.7 bbls/m

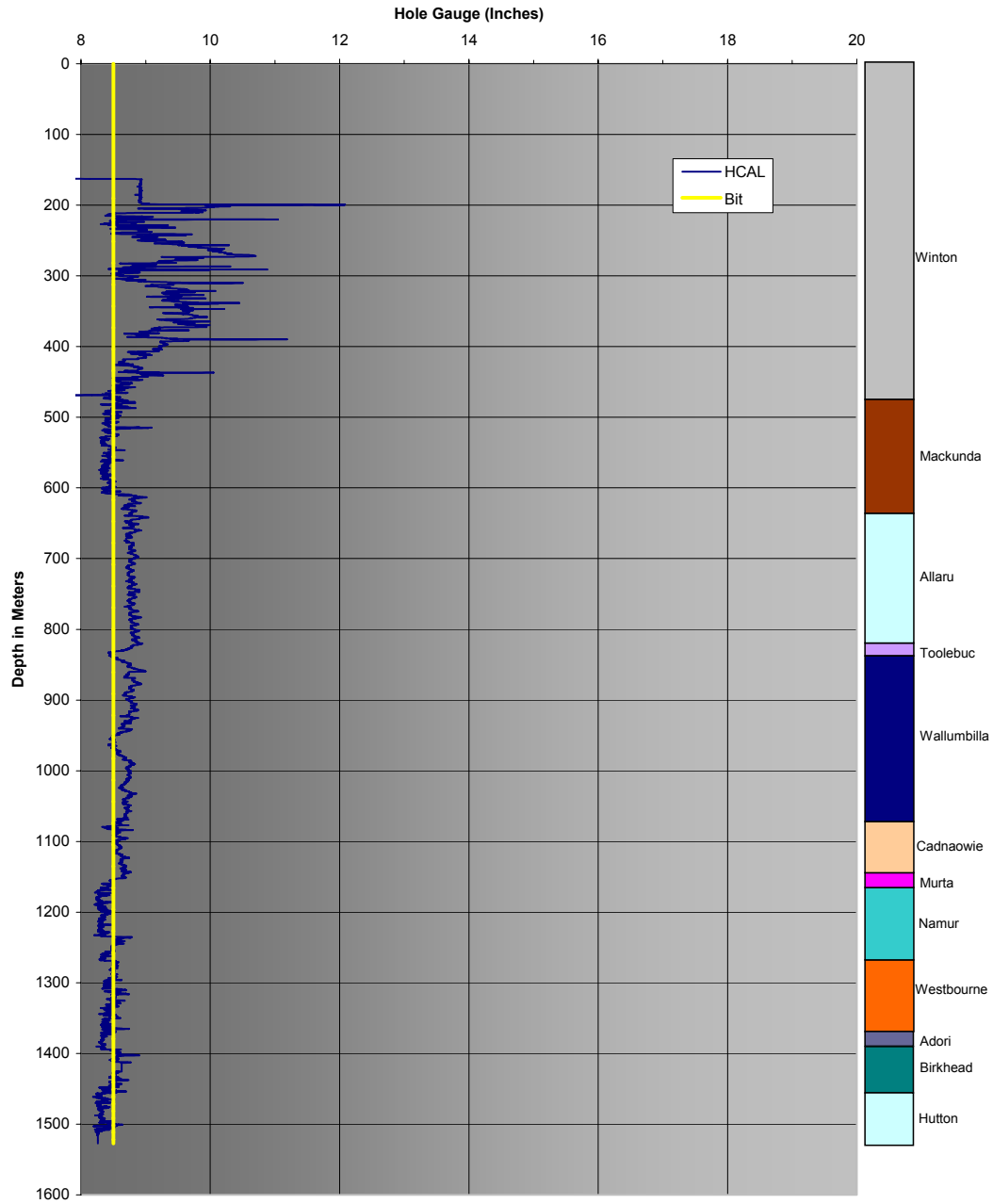


7. Graphs



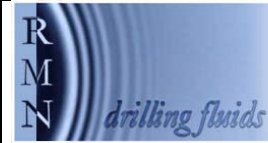


8. Calliper Log Data





9. DAILY DRILLING FLUIDS REPORTS



DRILLING FLUID REPORT

Report #	1	Date :	5-Aug-2007
Rig No	2	Spud :	5-Aug-2007
Depth	to 202		Metres

OPERATOR Beach Petroleum		CONTRACTOR Hunt	
REPORT FOR Gary Mogg		REPORT FOR Karl Norstrom	
WELL NAME AND No Bodalla South-18		FIELD Bodalla South	LOCATION Cooper - Eromanga
		STATE Qld	

DRILLING ASSEMBLY		JET SIZE			CASING		MUD VOLUME (BBL)		CIRCULATION DATA				
BIT SIZE 12.25	TYPE HTC GTC1	18	18	18	16	SURFACE SET @ 1	3	ft	HOLE 74	PITS 150	PUMP SIZE 6 X 16 Inches		CIRCULATION PRESS (PSI) 750 psi
DRILL PIPE SIZE 4.5	TYPE G #	Length 11 Mtrs			INTERMEDIATE SET @ ft	M	TOTAL CIRCULATING VOL. 224		PUMP MODEL EMSCO	ASSUMED EFF 97 %	BOTTOMS UP (min) 5 min		
DRILL PIPE SIZE 4.50	TYPE HW	Length Mtrs			PRODUCTION or LINER Set @ ft	M	IN STORAGE		BBL/STK 0.1703	STK / MIN 60	TOTAL CIRC. TIME (min) 23 min		
DRILL COLLAR SIZE (") 6.25	8.00	Length 159 31 Mtrs			MUD TYPE Gel Spud Mud				BBL/MIN 9.91	GAL / MIN 416	ANN VEL. (ft/min)	DP 92	119 Lam

SAMPLE FROM		MUD PROPERTIES		MUD PROPERTY SPECIFICATIONS				
TIME SAMPLE TAKEN		Pit	Pit	Mud Weight	8.6 - 9.4	API Filtrate	NC	HPHT Filtrate
DEPTH (ft) - (m)		173	202	Plastic Vis	ALAP	Yield Point	12 to 25	pH
FLOWLINE TEMPERATURE				KCl		PHPA		Sulphites

WEIGHT		OBSERVATIONS	
WEIGHT	ppg / SG	8.90	1.068
FUNNEL VISCOSITY (sec/qt) API @	°C	43	33
PLASTIC VISCOSITY cP @	°C	9	9
YIELD POINT (lb/100ft ²)		11	10
GEL STRENGTHS (lb/100ft ²) 10 sec/10 min		3/7	2/7
RHEOLOGY Ø 600 / Ø 300		29	20
RHEOLOGY Ø 200 / Ø 100			
RHEOLOGY Ø 6 / Ø 3			
FILTRATE API (cc's/30 min)		NC	NC
HPHT FILTRATE (cc's/30 min) @	°F		
CAKE THICKNESS API : HPHT (32nd in)			
SOLIDS CONTENT (% by Volume)			3.9
LIQUID CONTENT (% by Volume) OIL/WATER		100.0	96.1
SAND CONTENT (% by Vol.)		0.50	0.25
METHYLENE BLUE CAPACITY (ppb equiv.)			
pH		8.6	8.5
ALKALINITY MUD (Pm)			
ALKALINITY FILTRATE (Pf / Mf)		0.05	0.10
CHLORIDE (mg/L)		2,000	2,000
TOTAL HARDNESS AS CALCIUM (mg/L)		140	140
SULPHITE (mg/L)			
K+ (mg/L)			
KCl (% by Wt.)			
PHPA (ppb)			
ECD (ppg)			

Prepared spud mud in slug pit and suction pit. Drilled Rathole and Mousehole using pill tank. When drilling the hole started incorporated the mud in the suction pit. After some time it was noticed there was some washing out between the conductor and the mousehole. This was controlled by switching back to using the slug pit again and using a high Gel content with a low circulation rate. When the problem appeared to have been solved, returned to using the suction again. The native clays were not highly reactive and the normal high viscosity was easily controlled. Barite used for slugs.

Mud Engineer arrived on location Friday 3rd of August.

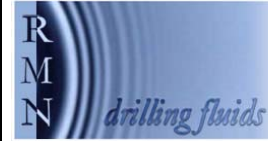
OPERATIONS SUMMARY	
<p>Rig up and testing. Spud well at 01:00 hrs Sunday 5th of August. Drill and survey to 202m. Circulate hole clean and POOH wiper trip. Lay out stabilizer and RIH. Circulate hole clean, pump slug and POOH for casing. Rig up to run 9-5/8" casing.</p> <p>Make Up Water From Bodalla South Evaporation Pond: pH 8.5 pf 0.15 mf 1.22 Hardness 60 mg/L Chlorides 2000 mg/L</p>	

Mud Accounting (bbls)				Solids Control Equipment							
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY		Type	Hrs	Cones	Hrs	Size	Hrs
Premix (drill water)	190	Desander		INITIAL VOLUME	0	Centrifuge		Desander	2	Shaker #1	84/84/84
Premix (recirc from sump)		Desilter		+ FLUID RECEIVED	360	Degasser	PoBoy	Desilter	12	Shaker #2	84/84/84
Drill Water	170	Downhole	126			- FLUID LOST	136				
Direct Recirc Sump		Dumped		+ FLUID IN STORAGE		Overflow (ppg)		Underflow (ppg)		Output (Gal/Min.)	
Other (eg Diesel)		Other	10			Desander		0			
TOTAL RECEIVED	360	TOTAL LOST	136	FINAL VOLUME	224	Desilter		0			

Product							Solids Analysis			Bit Hydraulics & Pressure Data		
Aus-Gel (Aust)	\$ 10.90	138	Received	Used	Close	Cost	%	PPB	Jet Velocity	179		
Baryte	\$ 12.50	728		40	688	\$ 500.00	High Grav solids		Impact force	343		
Caustic Soda	\$ 57.10	25		1	24	\$ 57.10	Total LGS	3.9	36.7	HHP	62	
							Bentonite	-0.5	-4.4	HSI	0.5	
							Drilled Solids	4.4	39.7	Bit Press Loss	255	
							Salt	0.1	1.2	CSG Seat Frac Press		
							n @ 24:00 Hrs	0.56		Equiv. Mud Wt.		
							K @ 24:00 Hrs	2.97		Max Pressure @ Shoe :		

RMN ENGINEER Dean Perkins				CITY Adelaide Office				TELEPHONE 08 8338 7266			
DAILY COST						CUMULATIVE COST					
\$1,712.50						\$1,712.50					

Any opinion and/or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation or warranty is made by ourselves or our agents as to its correctness or completeness, and no liability is assumed for any damages resulting from the use of same.



DRILLING FLUID REPORT

Report #	2	Date :	6-Aug-2007
Rig No	2	Spud :	5-Aug-2007
Depth	202	to	202
Metres			

OPERATOR Beach Petroleum		CONTRACTOR Hunt	
REPORT FOR Gary Mogg		REPORT FOR Karl Norstrom	
WELL NAME AND No Bodalla South-18		FIELD Bodalla South	LOCATION Cooper - Eromanga
		STATE Qld	

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA			
BIT SIZE 8.50	TYPE			9 5/8 SURFACE SET @ 61	199 ft 61 M	HOLE 51	PITS 390	PUMP SIZE 6 X 16 Inches		CIRCULATION PRESS (PSI) psi	
DRILL PIPE SIZE 4.5	TYPE G #	Length	Mtrs	INTERMEDIATE SET @	ft M	TOTAL CIRCULATING VOL. 441		PUMP MODEL EMSCO	ASSUMED EFF 97 %	BOTTOMS UP (min) min	
DRILL PIPE SIZE 4.50	TYPE HW	Length	Mtrs	PRODUCTION. or LINER Set @	ft M	IN STORAGE		BBL/STK 0.1652	STK / MIN	TOTAL CIRC. TIME (min) min	
DRILL COLLAR SIZE (") 6.25	8.00	Length	Mtrs	MUD TYPE KCl Brine				BBL/MIN	GAL / MIN	ANN VEL. (ft/min)	DP DCs

SAMPLE FROM		MUD PROPERTIES		MUD PROPERTY SPECIFICATIONS				
TIME SAMPLE TAKEN		Pit		Mud Weight	8.5-9.2	API Filtrate	NC	HPHT Filtrate
DEPTH (ft) - (m)		202		Plastic Vis		Yield Point		pH
FLOWLINE TEMPERATURE		°C °F		KCl		PHPA		Sulphites

WEIGHT	ppg / SG	8.60	1.032	<p>OBSERVATIONS</p> <p>Dumped all mud and cleaned all tanks. Filled all tanks with water and added KCL for a 4% solution after blending with the water in the hole.</p> <p>Fitted shakers with 4 brand new 140 mesh screens, and 2 re-used 110 mesh screens.</p>
FUNNEL VISCOSITY (sec/qt) API @	°C	Water		
PLASTIC VISCOSITY cP @	°C			
YIELD POINT (lb/100ft ²)				
GEL STRENGTHS (lb/100ft ²) 10 sec/10 min				
RHEOLOGY θ 600 / θ 300				
RHEOLOGY θ 200 / θ 100				
RHEOLOGY θ 6 / θ 3				
FILTRATE API (cc's/30 min)				
HPHT FILTRATE (cc's/30 min) @	°F			

LIQUID CONTENT (% by Volume) OIL/WATER		99.5		OPERATIONS SUMMARY			
SAND CONTENT (% by Vol.)				<p>Run and cement 9-5/8" casing at 198.93m with good returns of cement to surface. Had to run the cellar jet throughout because of the washout between the conductor and the mousehole. WOC. Rig down and start rigging up.</p>			
METHYLENE BLUE CAPACITY (ppb equiv.)							
pH		9.0					
ALKALINITY MUD (Pm)							
ALKALINITY FILTRATE (Pf / Mf)		0.10 0.60					
CHLORIDE (mg/L)		19,000					
TOTAL HARDNESS AS CALCIUM (mg/L)		80					
SULPHITE (mg/L)							
K+ (mg/L)		21,000					
KCl (% by Wt.)		4.0					

Mud Accounting (bbls)				Solids Control Equipment								
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY		Type	Hrs	Cones	Hrs	Size	Hrs	
Premix (drill water)		Desander		INITIAL VOLUME		Centrifuge		Desander	2	Shaker #1	140/140/110	
Premix (recirc from sump)		Desilter		+ FLUID RECEIVED	390	Degasser	PoBoy	Desilter	12	Shaker #2	140/140/110	
Drill Water	390	Downhole				- FLUID LOST						
Direct Recirc Sump		Dumped				+ FLUID IN STORAGE						
Other (eg Diesel)		Other										
TOTAL RECEIVED		TOTAL LOST		FINAL VOLUME	390	Overflow (ppg)		Underflow (ppg)		Output (Gal/Min.)		
						Desander		0				
						Desilter		0				

Mud Accounting (bbls)							Solids Analysis			Bit Hydraulics & Pressure Data		
Product	Price	Start	Received	Used	Close	Cost		%	PPB			
Potassium Chloride	\$ 22.40	672		100	572	\$ 2,240.00	High Grav solids			Jet Velocity		
							Total LGS			Impact force		
							Bentonite			HHP		
							Drilled Solids			HSI		
							Salt			Bit Press Loss		
							n @ Hrs			CSG Seat Frac Press		
							K @ Hrs			Equiv. Mud Wt.		
										Max Pressure @ Shoe :		
							DAILY COST			CUMULATIVE COST		
							\$2,240.00			\$3,952.50		

DRILLING FLUID REPORT

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drilling fluids

Report # 3 Date : 7-Aug-2007
Rig No 2 Spud : 5-Aug-2007
Depth 202 to 705 Metres

OPERATOR Beach Petroleum	CONTRACTOR Hunt
REPORT FOR Gary Mogg	REPORT FOR Karl Norstrom
WELL NAME AND No Bodalla South-18	FIELD Bodalla South
	LOCATION Cooper - Eromanga
	STATE Qld

DRILLING ASSEMBLY			JET SIZE			CASING			MUD VOLUME (BBL)			CIRCULATION DATA						
BIT SIZE	TYPE		16	16	16	9 5/8	SURFACE	199	ft	HOLE	PITS	PUMP SIZE			CIRCULATION			
8.50	HYC DXS419S		16			SET @		61	M	137	334	6	X	16	Inches	PRESS (PSI)	650	psi
DRILL PIPE	TYPE	Length				INTERMEDIATE		ft	TOTAL CIRCULATING VOL.	PUMP MODEL	ASSUMED EFF	BOTTOMS						
SIZE 4.5	G #	504	Mtrs			SET @		M	471	EMSCO	97 %	UP (min)						
DRILL PIPE	TYPE	Length				PRODUCTION. oi		ft	IN STORAGE	BBL/STK	STK / MIN	TOTAL CIRC.						
SIZE 4.50	HW	27	Mtrs			LINER Set @		M		0.1652	62	TIME (min)						
DRILL COLLAR SIZE (")	Length				MUD TYPE				BBL/MIN	GAL / MIN	ANN VEL.	DP						
6.25	8.00	159	15		KCl Brine					9.94	417	(ft/min)	DCs	197	308	1239		

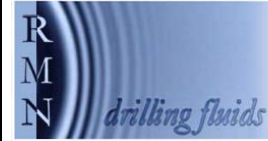
SAMPLE FROM			MUD PROPERTIES		MUD PROPERTY SPECIFICATIONS						
			Pit	Pit	Mud Weight	8.5-9.2	API Filtrate		NC		HPHT Filtrate
TIME SAMPLE TAKEN			12:00	24:00	Plastic Vis	Yield Point				pH	8-9.5
DEPTH (ft) - (m)			251	705	KCl	PHPA				Sulphites	

OBSERVATIONS									
Maintaining volume with KCl Brine pre-mixes from the slug pit. Running the desilter and desander constantly. Added some oxygen scavenger to reduce corrosion. Used caustic to maintain pH. There was very little cement contamination.									

OPERATIONS SUMMARY									
Finish rigging up and testing. Make up new BHA and RIH. Tag at 186m. Drill out shoe track. No LOT was conducted. Displace water with 4% KCL Brine and drill ahead to 705m.									

Mud Accounting (bbls)					Solids Control Equipment							
FLUID BUILT & RECEIVED		FLUID DISPOSED			SUMMARY		Type	Hrs	Cones	Hrs	Size	Hrs
Premix (drill water)	380	Desander	27	INITIAL VOLUME	441	Centrifuge		Desander	2	12	Shaker #1	140/140/110 14
Premix (recirc from sump)		Desilter	14	+ FLUID RECEIVED	380	Degasser	PoBoy	Desilter	12	12	Shaker #2	140/140/110 14
Drill Water		Downhole	294			- FLUID LOST	350					
Direct Recirc Sump		Dumped		+ FLUID IN STORAGE				Overflow (ppg)	Underflow (ppg)		Output (Gal/Min.)	
Other (eg Diesel)		Other	15	FINAL VOLUME		471		Desander	10.9		1.60	
TOTAL RECEIVED	380	TOTAL LOST	350	TOTAL VOLUME		471		Desilter	11.5		0.80	

Mud Accounting (bbls)							Solids Analysis			Bit Hydraulics & Pressure Data			
Product	Price	Start	Received	Used	Close	Cost		%	PPB	Jet Velocity			170
Caustic Soda	\$ 57.10	24		2	22	\$ 114.20	High Grav solids			Impact force			323
Potassium Chloride	\$ 22.40	572		104	468	\$ 2,329.60	Total LGS	2.0	18.9	HHP			56
Sodium Sulphite	\$ 36.50	46		4	42	\$ 146.00	Bentonite	-0.2	-2.3	HSI			
							Drilled Solids	2.2	20.4	Bit Press Loss			229
							Salt	1.2	11.6	CSG Seat Frac Press			
							n @ 24:00 Hrs			Equiv. Mud Wt.			
							K @ 24:00 Hrs			Max Pressure @ Shoe :			
							DAILY COST			CUMULATIVE COST			
							\$2,589.80			\$6,542.30			



DRILLING FLUID REPORT

Report #	4	Date :	8-Aug-2007
Rig No	2	Spud :	5-Aug-2007
Depth	705	to	1196
Metres			

OPERATOR Beach Petroleum		CONTRACTOR Hunt	
REPORT FOR Gary Mogg		REPORT FOR Karl Norstrom	
WELL NAME AND No Bodalla South-18		FIELD Bodalla South	LOCATION Cooper - Eromanga
		STATE Qld	

DRILLING ASSEMBLY			JET SIZE			CASING			MUD VOLUME (BBL)			CIRCULATION DATA							
BIT SIZE	TYPE	16	16	16	9 5/8	SURFACE SET @	199	ft	HOLE	240	PITS	390	PUMP SIZE			CIRCULATION PRESS (PSI)			
8.50	HVC DXS 419S	16					61	M					6	X	16	Inches	850 psi		
DRILL PIPE SIZE	TYPE	Length			INTERMEDIATE SET @			ft	TOTAL CIRCULATING VOL.			PUMP MODEL	ASSUMED EFF		BOTTOMS				
4.5	G #	976 Mtrs						M	630			EMSCO	97 %		UP (min) 20 min				
DRILL PIPE SIZE	TYPE	Length			PRODUCTION. or LINER Set @			ft	IN STORAGE			BBL/STK	STK / MIN		TOTAL CIRC. TIME (min)				
4.50	HW	37 Mtrs						M				0.1652	61		64 min				
DRILL COLLAR SIZE (")	Length			MUD TYPE						BBL/MIN	GAL / MIN		ANN VEL. DP						
6.25	8.00	168	15	Mtrs	KCl Brine						9.77	411		(ft/min) DCs 193 303 1219 Tur Tur					

SAMPLE FROM				MUD PROPERTIES		MUD PROPERTY SPECIFICATIONS						
				Pit	Pit	Mud Weight	>9.5	API Filtrate	6 to 10	HPHT Filtrate		
TIME SAMPLE TAKEN				12:00	24:00	Plastic Vis	ALAP	Yield Point	10 to 18	pH 8.5 - 9.5		
DEPTH (ft) - (m)				Metres	1,006	1,196	KCl	4%	PHPA	Sulphites		

OBSERVATIONS			
Started mudding up at 850m prior to entering the Cadna Owie. Running desilter constantly until starting to increase mud weight to 9.4ppg as per program. There was about 50bbls lost over shakers due to sands blinding the screens. At about 1091m it was suspected that there was an increase in pit volume, and after well control procedures the mud weight was increased to 9.6ppg with Barite as a precaution against the Cadna Owie water flow, and later it was decided to allow the mud weight to drop back to 9.5ppg.			

OPERATIONS SUMMARY			
Continued to drill frm 705m to 1091m. Well control and weight up to 9.6ppg as a precaution. Continue to drill on to 1196m.			

Mud Accounting (bbls)				Solids Control Equipment			
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY			
Premix (drill water)	260	Desander		INITIAL VOLUME	471	Centrifuge	Type Hrs
Premix (recirc from sump)		Desilter	18			Desander	Cones Hrs
Drill Water		Downhole	32	+ FLUID RECEIVED	260	Shaker #1	Size Hrs
Direct Recirc Sump		Dumped		- FLUID LOST	101	Shaker #2	140/140/110 24
Other (eg Diesel)		Other	50	+ FLUID IN STORAGE			
TOTAL RECEIVED	260	TOTAL LOST	101	FINAL VOLUME	630	Overflow (ppg) Underflow (ppg) Output (Gal/Min.)	
						Desander	0
						Desilter	11.5 0.80

Product							Solids Analysis			Bit Hydraulics & Pressure Data		
AMC Pac R	\$ 162.87	68	Received	Used	Close	Cost		%	PPB	Jet Velocity 167		
Baryte	\$ 12.50	688		104	584	\$ 1,300.00	High Grav solids			Impact force 338		
Caustic Soda	\$ 57.10	22		1	21	\$ 57.10	Total LGS	6.7	63.4	HHP 57		
Potassium Chloride	\$ 22.40	468		84	384	\$ 1,881.60	Bentonite	-0.8	-7.6	HSI 1.0		
Soda Ash	\$ 21.01	38		6	32	\$ 126.06	Drilled Solids	7.5	68.5	Bit Press Loss 239		
Sodium Sulphite	\$ 36.50	42		4	38	\$ 146.00	Salt	1.4	13.3	CSG Seat Frac Press 1152 psi		
Xanthan Gum	\$ 371.75	15		3	12	\$ 1,115.25	n @ 24:00 Hrs	0.65		Equiv. Mud Wt. 12.4 ppg		
							K @ 24:00 Hrs	2.71		Max Pressure @ Shoe : 30 psi		
							DAILY COST			CUMULATIVE COST		
							\$7,231.93			\$13,774.23		

Any opinion and/or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation or warranty is made by ourselves or our agents as to its correctness or completeness, and no liability is assumed for any damages resulting from the use of same.



DRILLING FLUID REPORT

Report #	5	Date :	9-Aug-2007
Rig No	2	Spud :	5-Aug-2007
Depth	1196 to 1524		Metres

OPERATOR	Beach Petroleum	CONTRACTOR	Hunt
REPORT FOR	Gary Mogg	REPORT FOR	Karl Norstrom
WELL NAME AND No	Bodalla South-18	FIELD	Bodalla South
		LOCATION	Cooper - Eromanga
		STATE	Qld

DRILLING ASSEMBLY				JET SIZE				CASING				MUD VOLUME (BBL)				CIRCULATION DATA								
BIT SIZE	8.50	TYPE	HVC DXS 419S	16	16	16	9 5/8	SURFACE SET @	199	ft	61	M	HOLE	310	PITS	380	PUMP SIZE				CIRCULATION			
DRILL PIPE SIZE	4.5	TYPE	G #	Length			INTERMEDIATE SET @			ft	TOTAL CIRCULATING VOL.			PUMP MODEL				ASSUMED EFF						
DRILL PIPE SIZE	4.50	TYPE	HW	Length			PRODUCTION. oi LINER Set @			ft	IN STORAGE			EMSCO				97 %						
DRILL COLLAR SIZE (")	6.25	8.00		Length			MUD TYPE				BBL/STK				STK / MIN				TOTAL CIRC. TIME (min)					
				168			KCL Polymer						0.1652				61				71 min			
				15							9.77				411				ANN VEL. DP 193 Tur					
				Mtrs											GAL / MIN				303 1219 Tur					

				MUD PROPERTIES				
SAMPLE FROM				Pit	Pit			
TIME SAMPLE TAKEN				12:00	24:00			
DEPTH (ft) - (m)				Metres		1,430	1,524	
FLOWLINE TEMPERATURE				⁰ C	⁰ F			
WEIGHT				ppg / SG		9.70	1.164	
FUNNEL VISCOSITY (sec/qt) API @				⁰ C		39	41	
PLASTIC VISCOSITY cP @				⁰ C		15	16	
YIELD POINT (lb/100ft ²)						12	13	
GEL STRENGTHS (lb/100ft ²) 10 sec/10 min						2 9	2 8	
RHEOLOGY Ø 600 / Ø 300				42	27	45	29	
RHEOLOGY Ø 200 / Ø 100								
RHEOLOGY Ø 6 / Ø 3								
FILTRATE API (cc's/30 min)				7.8	6.8			
HPHT FILTRATE (cc's/30 min) @				⁰ F				
CAKE THICKNESS API : HPHT (32nd in)				1	1			
SOLIDS CONTENT (% by Volume)				8.6	7.7			
LIQUID CONTENT (% by Volume) OIL/WATER						91.4	92.3	
SAND CONTENT (% by Vol.)				0.50	0.50			
METHYLENE BLUE CAPACITY (ppb equiv.)								
pH				9.0	9.0			
ALKALINITY MUD (Pm)								
ALKALINITY FILTRATE (Pf / Mf)				0.20	0.80	0.20	0.80	
CHLORIDE (mg/L)				23,000		19,500		
TOTAL HARDNESS AS CALCIUM (mg/L)				40		40		
SULPHITE (mg/L)								
K+ (mg/L)				21,000		21,000		
KCl (% by Wt.)				4.0		4.0		
PHPA (ppb)								
ECD (ppg)				9.84				

MUD PROPERTY SPECIFICATIONS					
Mud Weight	>9.5	API Filtrate	6 to 10	HPHT Filtrate	
Plastic Vis	ALAP	Yield Point	10 to 18	pH	
KCl	4%	PHPA	Sulphites		

OBSERVATIONS

Continue to maintain volume and control mud weight with KCL brine premixes and running the desilter constantly. Mud weight still increasing so had to dump 85 bbls mud to make room for more dilution to decrease mud weight. Used Pac-R for fluid loss, Xanthan Gum for yield point and oxygen scavenger for corrosion control.

OPERATIONS SUMMARY

Drill ahead to 1472m. Repair mud pump. Drill to TD at 1524m. Circulate bottoms up, pump a slug and POOH for a wiper trip to the shoe.

Mud Accounting (bbls)					
FLUID BUILT & RECEIVED			FLUID DISPOSED		SUMMARY
Premix (drill water)	215	Desander			INITIAL VOLUME
Premix (recirc from sump)		Desilter	34		630
Drill Water		Downhole	36		+ FLUID RECEIVED
Direct Recirc Sump		Dumped	85		215
Other (eg Diesel)		Other			- FLUID LOST
TOTAL RECEIVED	215	TOTAL LOST	155		155
				+ FLUID IN STORAGE	
				FINAL VOLUME	
				690	

Solids Control Equipment							
Type	Hrs	Cones		Hrs		Size	Hrs
Centrifuge		Desander	2		Shaker #1		140/140/110
Degasser	PoBoy	Desilter	12		Shaker #2		140/140/110
		Overflow (ppg)		Underflow (ppg)		Output (Gal/Min.)	
Desander				0			
Desilter				11.5		1.50	

Product	Price	Start	Received	Used	Close	Cost	Solids Analysis			Bit Hydraulics & Pressure Data			
AMC Pac R	\$ 162.87	52		4	48	\$ 651.48		%	PPB	Jet Velocity			167
AMC PHPA	\$ 126.16	43		3	40	\$ 378.48	High Grav solids			Impact force			342
Baryte	\$ 12.50	584		88	496	\$ 1,100.00	Total LGS	7.7	72.8	HHP			58
Caustic Soda	\$ 57.10	21		1	20	\$ 57.10	Bentonite	-1.0	-8.7	HSI			1.0
Potassium Chloride	\$ 22.40	384		62	322	\$ 1,388.80	Drilled Solids	8.6	78.7	Bit Press Loss			241
Sodium Sulphite	\$ 36.50	38		4	34	\$ 146.00	Salt	1.2	11.3	CSG Seat Frac Press			1152 psi
Xanthan Gum	\$ 371.75	12		3	9	\$ 1,115.25	n @ 24:00 Hrs	0.63		Equiv. Mud Wt.			12.4 ppg
							K @ 24:00 Hrs	2.85		Max Pressure @ Shoe :			29 psi

DAILY COST				CUMULATIVE COST			
\$4,837.11				\$18,611.34			

Any opinion and/or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation or warranty is made by ourselves or our agents as to its correctness or completeness, and no liability is assumed for any damages resulting from the use of same.



DRILLING FLUID REPORT

Report #	6	Date :	10-Jul-2007
Rig No	2	Spud :	5-Aug-2007
Depth	1524	to	1524 Metres

OPERATOR	Beach Petroleum	CONTRACTOR	Hunt
REPORT FOR	Gary Mogg	REPORT FOR	Karl Norstrom
WELL NAME AND No	Bodalla South-18	FIELD	Bodalla South
		LOCATION	Cooper - Eromanga
		STATE	Qld

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA					
BIT SIZE	TYPE			9 5/8	SURFACE SET @	199	ft	HOLE	PITS	PUMP SIZE		CIRCULATION PRESS (PSI)	
8.50	Smith 117			61	M			356	348	6	X	16	psi
DRILL PIPE SIZE	TYPE	Length		INTERMEDIATE SET @	ft	TOTAL CIRCULATING VOL.		PUMP MODEL		ASSUMED EFF		BOTTOMS	
4.5	G #	Mtrs			M	704		EMSCO		97 %		UP (min)	
DRILL PIPE SIZE	TYPE	Length		PRODUCTION. or LINER Set @	ft	IN STORAGE		BBL/STK		STK / MIN		TOTAL CIRC.	
4.50	HW	Mtrs			M			0.1652				TIME (min)	
DRILL COLLAR SIZE (")		Length		MUD TYPE				BBL/MIN		GAL / MIN		ANN VEL. DP	
6.25	8.00	Mtrs		KCL Polymer								(ft/min) DCs	

MUD PROPERTIES				MUD PROPERTY SPECIFICATIONS						
SAMPLE FROM				Pit	Pit	Mud Weight	>9.5	API Filtrate	6 to 10	HPHT Filtrate
TIME SAMPLE TAKEN				12:00	24:00	Plastic Vis	ALAP	Yield Point	10 to 18	pH
DEPTH (ft) - (m)				1,524	1,524	KCl	4%	PHPA		Sulphites
FLOWLINE TEMPERATURE				°C °F						
WEIGHT				ppg / SG						

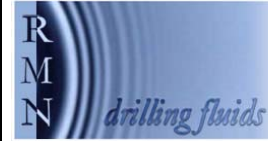
OBSERVATIONS			
Used 1 bag of Xanthan Gum for the hi-vis pill. Wrote off 4 broken sacks of PHPA and charged off 4 sacks of Pac-R used the other day.			

OPERATIONS SUMMARY			
RIH to 1503m and wash to bottom (no fill). Circulate the hole clean. Pump a slug and POOH. Run Schlumberger logs. RIH. Pump a hi-vis pill and circulate the hole clean. POOH for DST.			

Mud Accounting (bbls)				Solids Control Equipment									
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY									
Premix (drill water)		Desander		INITIAL VOLUME	690	Centrifuge	Type	Hrs	Cones	Hrs	Size	Hrs	
Premix (recirc from sump)		Desilter				Degasser	PoBoy		Desander	2	Shaker #1	140/140/110	2
Drill Water	14	Downhole	0	+ FLUID RECEIVED	14				Desilter	12	Shaker #2	140/140/110	2
Direct Recirc Sump		Dumped		- FLUID LOST	0	Overflow (ppg) Underflow (ppg) Output (Gal/Min.)							
Other (eg Diesel)		Other		+ FLUID IN STORAGE		Desander				0			
TOTAL RECEIVED	14	TOTAL LOST	0	FINAL VOLUME	704	Desilter				0			

Product							Solids Analysis			Bit Hydraulics & Pressure Data		
Product	Price	Start	Received	Used	Close	Cost	%	PPB	Jet Velocity			
AMC Pac R	\$ 162.87	48		4	44	\$ 651.48			Impact force			
AMC PHPA	\$ 126.16	40		4	36	\$ 504.64	High Grav solids		HHP			
Xanthan Gum	\$ 371.75	9		1	8	\$ 371.75	Total LGS	8.0	76.2	HSI		
							Bentonite	-1.0	-9.2	Bit Press Loss		
							Drilled Solids	9.1	82.4	CSG Seat Frac Press		
							Salt	1.2	11.3	1152 psi		
							n @ 24:00 Hrs	0.64		Equiv. Mud Wt.		
							K @ 24:00 Hrs	2.60		12.4 ppg		
										Max Pressure @ Shoe :		
										28 psi		

DAILY COST		CUMULATIVE COST	
\$1,527.87		\$20,139.21	



DRILLING FLUID REPORT

Report #	7	Date :	11-Jul-2007
Rig No	2	Spud :	5-Aug-2007
Depth	1524	to	1524 Metres

OPERATOR Beach Petroleum		CONTRACTOR Hunt	
REPORT FOR Gary Mogg		REPORT FOR Karl Norstrom	
WELL NAME AND No Bodalla South-18		FIELD Bodalla South	LOCATION Cooper - Eromanga
		STATE Qld	

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA			
BIT SIZE 8.50	TYPE DST Tools			9 5/8 SURFACE SET @ 199 ft 61 M		HOLE 356	PITS 328	PUMP SIZE 6 X 16 Inches		CIRCULATION PRESS (PSI) psi	
DRILL PIPE SIZE 4.5	TYPE G #	Length	Mtrs	INTERMEDIATE SET @ ft M		TOTAL CIRCULATING VOL. 684		PUMP MODEL EMSCO	ASSUMED EFF 97 %	BOTTOMS UP (min) min	
DRILL PIPE SIZE 4.50	TYPE HW	Length	Mtrs	PRODUCTION or LINER Set @ ft M		IN STORAGE		BBL/STK 0.1652	STK / MIN	TOTAL CIRC. TIME (min) min	
DRILL COLLAR SIZE (") 6.25	8.00	Length	Mtrs	MUD TYPE KCL Polymer				BBL/MIN	GAL / MIN	ANN VEL. (ft/min)	DP DCs

MUD PROPERTIES				MUD PROPERTY SPECIFICATIONS						
SAMPLE FROM				Pit	Pit	Mud Weight	>9.5	API Filtrate	6 to 10	HPHT Filtrate
TIME SAMPLE TAKEN				12:00	24:00	Plastic Vis	ALAP	Yield Point	10 to 18	pH
DEPTH (ft) - (m)				Metres	1,524	1,524	KCl	4%	PHPA	Sulphites

FLOWLINE TEMPERATURE	⁰ C	⁰ F		
WEIGHT	ppg / SG	9.60	1.152	9.60 1.152
FUNNEL VISCOSITY (sec/qt) API @	⁰ C	38		38
PLASTIC VISCOSITY cP @	⁰ C	13		13
YIELD POINT (lb/100ft²)		12		12
GEL STRENGTHS (lb/100ft²) 10 sec/10 min		1 1/5		1 1/5
RHEOLOGY Ø 600 / Ø 300		38	25	38 25
RHEOLOGY Ø 200 / Ø 100				
RHEOLOGY Ø 6 / Ø 3				
FILTRATE API (cc's/30 min)		7.6		7.6
HPHT FILTRATE (cc's/30 min) @	⁰ F			
CAKE THICKNESS API : HPHT (32nd in)		1		1
SOLIDS CONTENT (% by Volume)		7.7		7.7
LIQUID CONTENT (% by Volume) OIL/WATER		92.3		92.3
SAND CONTENT (% by Vol.)		0.25		TR
METHYLENE BLUE CAPACITY (ppb equiv.)				
pH		9.0		9.0
ALKALINITY MUD (Pm)				
ALKALINITY FILTRATE (Pf / Mf)		0.20	0.80	0.20 0.80
CHLORIDE (mg/L)		19,000		19,000
TOTAL HARDNESS AS CALCIUM (mg/L)		40		40
SULPHITE (mg/L)				
K+ (mg/L)		21,000		21,000
KCl (% by Wt.)		4.0		4.0
PHPA (ppb)				
ECD (ppg)				

OBSERVATIONS			
Barite used for slugs yesterday and today.			

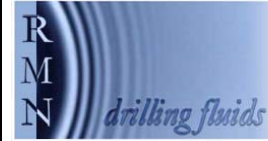
OPERATIONS SUMMARY			
Continue to POOH to surface. Make up DST tools. RIH and conduct DST #1. Reverse out. Slug pipe and POOH.			

Mud Accounting (bbls)						
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY		
Premix (drill water)		Desander		INITIAL VOLUME	704	
Premix (recirc from sump)		Desilter				
Drill Water		Downhole		+ FLUID RECEIVED		
Direct Recirc Sump		Dumped		- FLUID LOST	20	
Other (eg Diesel)		Other	20	+ FLUID IN STORAGE		
TOTAL RECEIVED		TOTAL LOST	20	FINAL VOLUME	684	

Solids Control Equipment						
Type	Hrs		Cones	Hrs	Size	Hrs
Centrifuge		Desander	2		Shaker #1	140/140/110
Degasser	PoBoy	Desilter	12		Shaker #2	140/140/110
			Overflow (ppg)	Underflow (ppg)	Output (Gal/Min.)	
Desander				0		
Desilter				0		

Product							Solids Analysis			Bit Hydraulics & Pressure Data		
Product	Price	Start	Received	Used	Close	Cost		%	PPB			
Baryte	\$ 12.50	496		50	446	\$ 625.00	High Grav solids			Jet Velocity		
							Total LGS	7.7	72.5	Impact force		
							Bentonite	-1.0	-8.7	HHP		
							Drilled Solids	8.6	78.4	HSI		
							Salt	1.1	11.0	Bit Press Loss		
							n @ 24:00 Hrs	0.60		CSG Seat Frac Press 1152 psi		
							K @ 24:00 Hrs	2.96		Equiv. Mud Wt. 12.4 ppg		
										Max Pressure @ Shoe : 29 psi		
							DAILY COST			CUMULATIVE COST		
							\$625.00			\$20,764.21		

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DRILLING FLUID REPORT

Report #	8	Date :	12-Jul-2007
Rig No	2	Spud :	5-Aug-2007
Depth	1524	to	1524
Metres			

OPERATOR Beach Petroleum		CONTRACTOR Hunt	
REPORT FOR Gary Mogg		REPORT FOR Karl Norstrom	
WELL NAME AND No Bodalla South-18		FIELD Bodalla South	LOCATION Cooper - Eromanga
		STATE Qld	

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA			
BIT SIZE 8.50	TYPE DST Tools			9 5/8 SURFACE SET @ 199 ft 61 M		HOLE 356	PITS 295	PUMP SIZE 6 X 16 Inches		CIRCULATION PRESS (PSI) psi	
DRILL PIPE SIZE 4.5	TYPE G #	Length	Mtrs	INTERMEDIATE SET @ ft M		TOTAL CIRCULATING VOL. 651		PUMP MODEL EMSCO	ASSUMED EFF 97 %	BOTTOMS UP (min) min	
DRILL PIPE SIZE 4.50	TYPE HW	Length	Mtrs	PRODUCTION. or LINER Set @ ft M		IN STORAGE		BBL/STK 0.1652	STK / MIN	TOTAL CIRC. TIME (min) min	
DRILL COLLAR SIZE (") 6.25	8.00	Length	Mtrs	MUD TYPE KCL Polymer				BBL/MIN	GAL / MIN	ANN VEL. (ft/min)	DP DCS Lam Lam

MUD PROPERTIES				MUD PROPERTY SPECIFICATIONS						
SAMPLE FROM				Pit	Pit	Mud Weight	>9.5	API Filtrate	6 to 10	HPHT Filtrate
TIME SAMPLE TAKEN				12:00	24:00	Plastic Vis	ALAP	Yield Point	10 to 18	pH
DEPTH (ft) - (m)				Metres	1,524	1,524	KCl	4%	PHPA	Sulphites

FLOWLINE TEMPERATURE	⁰ C	⁰ F		
WEIGHT	ppg / SG	9.60	1.152	9.60 1.152
FUNNEL VISCOSITY (sec/qt) API @	⁰ C	38		38
PLASTIC VISCOSITY cP @	⁰ C	13		13
YIELD POINT (lb/100ft²)		12		12
GEL STRENGTHS (lb/100ft²) 10 sec/10 min		1 1/5		1 1/5
RHEOLOGY Ø 600 / Ø 300		38	25	38 25
RHEOLOGY Ø 200 / Ø 100				
RHEOLOGY Ø 6 / Ø 3				
FILTRATE API (cc's/30 min)		7.8		7.8
HPHT FILTRATE (cc's/30 min) @	⁰ F			
CAKE THICKNESS API : HPHT (32nd in)		1		1
SOLIDS CONTENT (% by Volume)		7.7		7.7
LIQUID CONTENT (% by Volume) OIL/WATER		92.3		92.3
SAND CONTENT (% by Vol.)		TR		TR
METHYLENE BLUE CAPACITY (ppb equiv.)				
pH		9.0		9.0
ALKALINITY MUD (Pm)				
ALKALINITY FILTRATE (Pf / Mf)		0.15	0.60	0.15 0.60
CHLORIDE (mg/L)		19,000		19,000
TOTAL HARDNESS AS CALCIUM (mg/L)		40		40
SULPHITE (mg/L)				
K+ (mg/L)		21,000		21,000
KCl (% by Wt.)		4.0		4.0
PHPA (ppb)				
ECD (ppg)				

OBSERVATIONS			
Used Xanthan Gum for hi-vis sweep.			

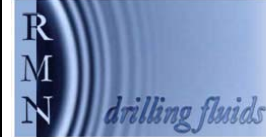
OPERATIONS SUMMARY			
POOH. Lay out DST tools. RIH with 8-1/2" RR bit. Smith 117.			
9m of fill on bottom. Circulate the hole clean with a hi-vis sweep and POOH. Make up DST tools for next test.			

Mud Accounting (bbls)					
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY	
Premix (drill water)		Desander		INITIAL VOLUME	684
Premix (recirc from sump)		Desilter			
Drill Water		Downhole	18	+ FLUID RECEIVED	
Direct Recirc Sump		Dumped		- FLUID LOST	33
Other (eg Diesel)		Other	15	+ FLUID IN STORAGE	
TOTAL RECEIVED		TOTAL LOST	33	FINAL VOLUME	651

Solids Control Equipment					
Type	Hrs		Cones	Hrs	Size
Centrifuge		Desander	2		Shaker #1 140/140/110 2
Degasser	PoBoy	Desilter	12		Shaker #2 140/140/110 2
			Overflow (ppg)	Underflow (ppg)	Output (Gal/Min.)
Desander				0	
Desilter				0	

Product							Solids Analysis			Bit Hydraulics & Pressure Data		
Product	Price	Start	Received	Used	Close	Cost		%	PPB	Jet Velocity		
Baryte	\$ 12.50	446		35	411	\$ 437.50	High Grav solids			Impact force		
Xanthan Gum	\$ 371.75	8		1	7	\$ 371.75	Total LGS	7.7	72.5	HHP		
							Bentonite	-1.0	-8.7	HSI		
							Drilled Solids	8.6	78.4	Bit Press Loss		
							Salt	1.1	11.0	CSG Seat Frac Press 1152 psi		
							n @ 24:00 Hrs	0.60		Equiv. Mud Wt. 12.4 ppg		
							K @ 24:00 Hrs	2.96		Max Pressure @ Shoe : 29 psi		
							DAILY COST			CUMULATIVE COST		
							\$809.25			\$21,573.46		

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DRILLING FLUID REPORT

Report #	9	Date :	13-Jul-2007
Rig No	2	Spud :	5-Aug-2007
Depth	1524	to	1524 Metres

OPERATOR Beach Petroleum		CONTRACTOR Hunt	
REPORT FOR Gary Mogg		REPORT FOR Karl Norstrom	
WELL NAME AND No Bodalla South-18		FIELD Bodalla South	LOCATION Cooper - Eromanga
		STATE Qld	

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA			
BIT SIZE 8.50	TYPE DST Tools			9 5/8 SURFACE SET @ 199 ft 61 M		HOLE 356	PITS 292	PUMP SIZE 6 X 16 Inches		CIRCULATION PRESS (PSI) psi	
DRILL PIPE SIZE 4.5	TYPE G #	Length	Mtrs	INTERMEDIATE SET @ ft M		TOTAL CIRCULATING VOL. 648		PUMP MODEL EMSCO	ASSUMED EFF 97 %	BOTTOMS UP (min) min	
DRILL PIPE SIZE 4.50	TYPE HW	Length	Mtrs	PRODUCTION or LINER Set @ ft M		IN STORAGE		BBL/STK 0.1652	STK / MIN	TOTAL CIRC. TIME (min) min	
DRILL COLLAR SIZE (") 6.25	8.00	Length	Mtrs	MUD TYPE KCL Polymer				BBL/MIN	GAL / MIN	ANN VEL. (ft/min)	DP DCs

MUD PROPERTIES				MUD PROPERTY SPECIFICATIONS				
SAMPLE FROM		Pit	Pit	Mud Weight	>9.5	API Filtrate	6 to 10	HPHT Filtrate
TIME SAMPLE TAKEN		12:00	24:00	Plastic Vis	ALAP	Yield Point	10 to 18	pH
DEPTH (ft) - (m)		Metres	1,524	KCl	4%	PHPA		Sulphites

OBSERVATIONS			
Barite used for slug			

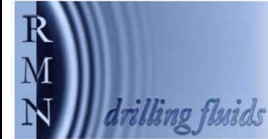
OPERATIONS SUMMARY			
RIH with DST tools. Conduct DST #2 (failed). Reverse out. Pump slug and POOH. Lay down DST tools. Make up new DST assembly for DST #3 and RIH to shoe to wait till daylight.			

Mud Accounting (bbls)				Solids Control Equipment															
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY															
Premix (drill water)		Desander		INITIAL VOLUME	651	Centrifuge													
Premix (recirc from sump)		Desilter				Degasser	PoBoy												
Drill Water		Downhole		+ FLUID RECEIVED															
Direct Recirc Sump		Dumped		- FLUID LOST	3														
Other (eg Diesel)		Other	3	+ FLUID IN STORAGE															
TOTAL RECEIVED		TOTAL LOST	3	FINAL VOLUME	648	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Desander</th> <th>Overflow (ppg)</th> <th>Underflow (ppg)</th> <th>Output (Gal/Min.)</th> </tr> <tr> <td></td> <td></td> <td>0</td> <td></td> </tr> <tr> <td>Desilter</td> <td></td> <td>0</td> <td></td> </tr> </table>		Desander	Overflow (ppg)	Underflow (ppg)	Output (Gal/Min.)			0		Desilter		0	
Desander	Overflow (ppg)	Underflow (ppg)	Output (Gal/Min.)																
		0																	
Desilter		0																	

Product							Solids Analysis			Bit Hydraulics & Pressure Data		
Baryte	\$ 12.50	411	Received	Used	30	381	\$	375.00		%	PPB	Jet Velocity
									High Grav solids			Impact force
									Total LGS	7.7	72.5	HHP
									Bentonite	-1.0	-8.7	HSI
									Drilled Solids	8.6	78.4	Bit Press Loss
									Salt	1.1	11.0	CSG Seat Frac Press
									n @ 24:00 Hrs	0.65		1152 psi
									K @ 24:00 Hrs	2.09		Equiv. Mud Wt.
												12.4 ppg
												Max Pressure @ Shoe :
												29 psi

RMN ENGINEER Dean Perkins		CITY Adelaide Office		TELEPHONE 08 8338 7266	
DAILY COST				CUMULATIVE COST	
\$375.00				\$21,948.46	

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DRILLING FLUID REPORT

Report #	10	Date :	14-Jul-2007
Rig No	2	Spud :	5-Aug-2007
Depth	1524	to	1524 Metres

OPERATOR	Beach Petroleum	CONTRACTOR	Hunt
REPORT FOR	Gary Mogg	REPORT FOR	Damien Baldwin
WELL NAME AND No	Bodalla South-18	FIELD	Bodalla South
		LOCATION	Cooper - Eromanga
		STATE	Qld

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA							
BIT SIZE	8.50	TYPE	DST Tools	9 5/8	SURFACE SET @	199	ft	HOLE	356	PITS	312	PUMP SIZE		CIRCULATION PRESS (PSI)	
DRILL PIPE SIZE	4.5	TYPE	G #	Length	INTERMEDIATE SET @	ft	M	TOTAL CIRCULATING VOL.	668	PUMP MODEL		EMSCO		ASSUMED EFF 97 %	
DRILL PIPE SIZE	4.50	TYPE	HW	Length	PRODUCTION. or LINER Set @	ft	M	IN STORAGE		BBL/STK		0.1652		STK / MIN	
DRILL COLLAR SIZE (")	6.25	8.00		Length	MUD TYPE	KCL Polymer				BBL/MIN		GAL / MIN		ANN VEL. (ft/min)	DP DCS

MUD PROPERTIES				MUD PROPERTY SPECIFICATIONS							
SAMPLE FROM				Pit	Pit	Mud Weight	>9.5	API Filtrate	6 to 10	HPHT Filtrate	
TIME SAMPLE TAKEN				12:00	24:00	Plastic Vis	ALAP	Yield Point	10 to 18	pH	8.5 - 9.5
DEPTH (ft) - (m)				Metres	1,524	1,524	KCl	4%	PHPA	Sulphites	

OBSERVATIONS			
Mixed fresh volume in slug pit to keep enough volume in pits for filling the hole on trips. Used Xanthan gum for viscosity and Barite to weigh up fresh volume and for slug.			

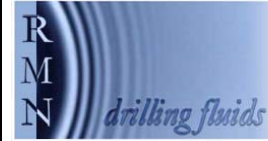
OPERATIONS SUMMARY			
RIH and conduct DST #3 (successful). Reverse out, pump slug and POOH. Lay down DST tools. RIH.			

Mud Accounting (bbls)				Solids Control Equipment			
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY			
Premix (drill water)		Desander		INITIAL VOLUME	648	Centrifuge	
Premix (recirc from sump)		Desilter				Degasser	PoBoy
Drill Water	38	Downhole		+ FLUID RECEIVED	38	Desander	2
Direct Recirc Sump		Dumped	12	- FLUID LOST	18	Desilter	12
Other (eg Diesel)		Other	6	+ FLUID IN STORAGE			
TOTAL RECEIVED	38	TOTAL LOST	18	FINAL VOLUME	668	Overflow (ppg)	
						Underflow (ppg)	
						Output (Gal/Min.)	

Mud Accounting (bbls)							Solids Analysis			Bit Hydraulics & Pressure Data		
Product	Price	Start	Received	Used	Close	Cost		%	PPB	Jet Velocity		
Baryte	\$ 12.50	381		75	306	\$ 937.50	High Grav solids			Impact force		
Xanthan Gum	\$ 371.75	7		1	6	\$ 371.75	Total LGS	7.7	72.5	HHP		
							Bentonite	-1.0	-8.7	HSI		
							Drilled Solids	8.6	78.4	Bit Press Loss		
							Salt	1.1	11.0	CSG Seat Frac Press 1152 psi		
							n @ 24:00 Hrs	0.65		Equiv. Mud Wt. 12.4 ppg		
							K @ 24:00 Hrs	2.09		Max Pressure @ Shoe : 29 psi		

DAILY COST		CUMULATIVE COST	
\$1,309.25		\$23,257.71	

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DRILLING FLUID REPORT

Report #	11	Date :	15-Jul-2007
Rig No	2	Spud :	5-Aug-2007
Depth	1524	to	1524
Metres			

OPERATOR Beach Petroleum		CONTRACTOR Hunt	
REPORT FOR Gary Mogg		REPORT FOR Damien Baldwin	
WELL NAME AND No Bodalla South-18		FIELD Bodalla South	LOCATION Cooper - Eromanga
		STATE Qld	

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA			
BIT SIZE 8.50	TYPE			9 5/8 SURFACE SET @ 61 M	199 ft 61 M	HOLE 356	PITS 336	PUMP SIZE 6 X 16 Inches		CIRCULATION PRESS (PSI) psi	
DRILL PIPE SIZE 4.5	TYPE G #	Length Mtrs		INTERMEDIATE SET @ M	ft M	TOTAL CIRCULATING VOL. 692		PUMP MODEL EMSCO	ASSUMED EFF 97 %	BOTTOMS UP (min) min	
DRILL PIPE SIZE 4.50	TYPE HW	Length Mtrs		PRODUCTION or LINER Set @ M	ft M	IN STORAGE		BBL/STK 0.1652	STK / MIN	TOTAL CIRC. TIME (min) min	
DRILL COLLAR SIZE (") 6.25	8.00	Length Mtrs		MUD TYPE KCL Polymer				BBL/MIN	GAL / MIN	ANN VEL. (ft/min)	DP DCs Lam Lam

MUD PROPERTIES				MUD PROPERTY SPECIFICATIONS				
SAMPLE FROM		Pit	Pit	Mud Weight	>9.5	API Filtrate	6 to 10	HPHT Filtrate
TIME SAMPLE TAKEN		12:00	24:00	Plastic Vis	ALAP	Yield Point	10 to 18	pH
DEPTH (ft) - (m)		Metres	1,524	KCl	4%	PHPA		Sulphites

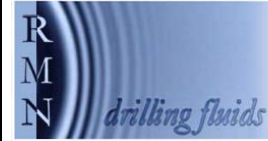
OBSERVATIONS			
Mixed 2% KCL Brine with Biocide in Beach tank ready to displace cement. Cleaned slug pit and flushed lines with water. Mixed KCL and SAPP pre-flush in slug pit.			
Treated drill pipe and collars with Wildcat-410 corrosion inhibitor while laying down drill pipe. Did not charge Wildcat off from daily mud inventory as there was excess in stock.			

OPERATIONS SUMMARY			
Continue to RIH to bottom (no fill). Circulate bottoms up. Slug pipe and POOH sideways. Rig up and run 7" casing.			

Mud Accounting (bbls)				Solids Control Equipment			
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY			
Premix (drill water)		Desander		INITIAL VOLUME	668	Centrifuge	
Premix (recirc from sump)		Desilter				Degasser	PoBoy
Drill Water	24	Downhole		+ FLUID RECEIVED	24		
Direct Recirc Sump		Dumped		- FLUID LOST			
Other (eg Diesel)		Other		+ FLUID IN STORAGE			
TOTAL RECEIVED	24	TOTAL LOST		FINAL VOLUME	692	Desander	
						Desilter	
							Overflow (ppg)
							Underflow (ppg)
							Output (Gal/Min.)

Mud Accounting (bbls)							Solids Analysis			Bit Hydraulics & Pressure Data		
Product	Price	Start	Received	Used	Close	Cost		%	PPB	Jet Velocity		
AMC Biocide G	\$ 198.03	8		2	6	\$ 396.06				Impact force		
Baryte	\$ 12.50	306		28	278	\$ 350.00	High Grav solids			HHP		
Potassium Chloride	\$ 22.40	322		112	210	\$ 2,508.80	Total LGS	7.7	72.5	HSI		
Sapp	\$ 71.80	20		6	14	\$ 430.80	Bentonite	-1.0	-8.7	Bit Press Loss		
							Drilled Solids	8.6	78.4	CSG Seat Frac Press		
							Salt	1.1	11.0	1152 psi		
							n @ 24:00 Hrs	0.65		Equiv. Mud Wt.		
							K @ 24:00 Hrs	2.09		12.4 ppg		
										Max Pressure @ Shoe :		
										29 psi		

DAILY COST		CUMULATIVE COST	
\$3,685.66		\$26,943.37	



DRILLING FLUID REPORT

Report #	12	Date :	16-Jul-2007
Rig No	2	Spud :	5-Aug-2007
Depth	1524	to	1524
Metres			

OPERATOR Beach Petroleum		CONTRACTOR Hunt	
REPORT FOR Gary Mogg		REPORT FOR Damien Baldwin	
WELL NAME AND No Bodalla South-18		FIELD Bodalla South	LOCATION Cooper - Eromanga
		STATE Qld	

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA			
BIT SIZE 6.00	TYPE			7 SURFACE SET @	4982 ft 1519 M	HOLE 197	PITS	PUMP SIZE 6 X 16 Inches		CIRCULATION PRESS (PSI) psi	
DRILL PIPE SIZE 4.5	TYPE G #	Length	Mtrs	INTERMEDIATE SET @	ft M	TOTAL CIRCULATING VOL. 197		PUMP MODEL EMSCO	ASSUMED EFF 97 %	BOTTOMS UP (min) min	
DRILL PIPE SIZE 4.50	TYPE HW	Length	Mtrs	PRODUCTION. oi LINER Set @	ft M	IN STORAGE		BBL/STK 0.1652	STK / MIN	TOTAL CIRC. TIME (min) min	
DRILL COLLAR SIZE (") 6.25	8.00	Length	Mtrs	MUD TYPE 2% KCL Brine				BBL/MIN	GAL / MIN	ANN VEL. (ft/min)	DP DCs

SAMPLE FROM		MUD PROPERTIES		MUD PROPERTY SPECIFICATIONS				
TIME SAMPLE TAKEN		Pit		Mud Weight	8.5	API Filtrate	NC	HPHT Filtrate
DEPTH (ft) - (m)		Metres		Plastic Vis		Yield Point		pH
FLOWLINE TEMPERATURE		°C °F		KCl	2%	PHPA		Sulphites

WEIGHT		MUD PROPERTY SPECIFICATIONS	
ppg / SG		OBSERVATIONS	
8.50 1.020		Pumped KCL and SAPP preflush before cement.	
FUNNEL VISCOSITY (sec/qt) API @		Cement displaced with 2% KCL Brine.	
°C		Dumped and cleaned all mud pits.	
PLASTIC VISCOSITY cP @			
°C			
YIELD POINT (lb/100ft ²)			
GEL STRENGTHS (lb/100ft ²) 10 sec/10 min			
RHEOLOGY Ø 600 / Ø 300			
RHEOLOGY Ø 200 / Ø 100			
RHEOLOGY Ø 6 / Ø 3			
FILTRATE API (cc's/30 min)		Mud Engineer will depart location tomorrow Friday August 17th.	
HPHT FILTRATE (cc's/30 min) @		°F	
CAKE THICKNESS API : HPHT (32nd in)			
SOLIDS CONTENT (% by Volume)		0.5	
LIQUID CONTENT (% by Volume) OIL/WATER		99.5	

SAND CONTENT (% by Vol.)		OPERATIONS SUMMARY	
METHYLENE BLUE CAPACITY (ppb equiv.)		Run and cement 7" casing at 1518.4m with no problems. All of spacer and just the start of some cement returned to surface.	
pH			
ALKALINITY MUD (Pm)			
ALKALINITY FILTRATE (Pf / Mf)			
CHLORIDE (mg/L)		10,000	
TOTAL HARDNESS AS CALCIUM (mg/L)			
SULPHITE (mg/L)			
K+ (mg/L)		10,500	
KCl (% by Wt.)		2.0	
PHPA (ppb)			
ECD (ppg)			

Mud Accounting (bbls)				Solids Control Equipment							
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY		Type	Hrs	Cones	Hrs	Size	Hrs
Premix (drill water)	197	Desander		INITIAL VOLUME	692	Centrifuge		Desander	2	Shaker #1	140/140/110
Premix (recirc from sump)		Desilter		+ FLUID RECEIVED	197	Degasser	PoBoy	Desilter	12	Shaker #2	140/140/110
Drill Water		Downhole	0			- FLUID LOST	692				
Direct Recirc Sump		Dumped	692	+ FLUID IN STORAGE				Overflow (ppg)	Underflow (ppg)	Output (Gal/Min.)	
Other (eg Diesel)		Other		FINAL VOLUME	197			Desander	0		
TOTAL RECEIVED	197	TOTAL LOST	692					Desilter	0		

Product	Price	Start	Received	Used	Close	Cost	Solids Analysis		Bit Hydraulics & Pressure Data	
							%	PPB	Jet Velocity	
							High Grav solids		Impact force	
							Total LGS		HHP	
							Bentonite		HSI	
							Drilled Solids		Bit Press Loss	
							Salt		CSG Seat Frac Press 1152 psi	
							n @ Hrs		Equiv. Mud Wt. 12.4 ppg	
							K @ Hrs		Max Pressure @ Shoe : #VALUE!	
							DAILY COST		CUMULATIVE COST	
									\$26,943.37	

Any opinion and/or recommendation, expressed orally or written herein, has been prepared carefully and may be used if the user so elects, however, no representation or warranty is made by ourselves or our agents as to its correctness or completeness, and no liability is assumed for any damages resulting from the use of same.

Depth (ROP avg)	%	Lithology	Gas
		9 5/8 inch casing set @ 198.8 mRT	
210 (0.7)	70	SANDSTONE: light to medium grey, light grnsh grey, fine to medium, moderate to poor sorted, sub angular, siliceous cement, rare argillaceous matrix, common lithics, minor feldspar, commonly glauconitic, rare carbonaceous material, predominantly loose, minor friable, poor visible porosity, fair inferred porosity, no show	0 (100:0:0:0:0)
	30	SILTSTONE: medium grey to medium dark grey, greenish grey, argillaceous, arenaceous in part, soft, amorphous to sbbly	
220 (0.5)	80	SANDSTONE: medium dark grey, dark greenish grey, fine to medium, poor sorted, sub rounded, siliceous cement, minor to abundant in part argillaceous matrix, calcareous in part, abundant red green and brown lithics, glauconitic in part, minor feldspar, common carbonaceous/coaly fragments, predominantly loose, minor friable, poor visible porosity, no show.	0 (100:0:0:0:0)
	20	SILTSTONE: as above.	
230 (0.4)	30	SANDSTONE: as above	0 (100:0:0:0:0)
	70	SILTSTONE: brownish grey, olive grey, light grey, greenish grey, predominantly argillaceous, rare carbonaceous material, glauconitic in part, firm to moderate hard, blocky to sub blocky.	
240 (0.4)	20	SANDSTONE: light grey to light brownish grey, fine to occasionally medium, sub angular to sub rounded, siliceous cement, common very calcareous clay matrix, common dark and redish orange lithics, minor carbonaceous material, common moderate hard, minor loose, poor visible porosity, no show.	0 (100:0:0:0:0)
	80	SILTSTONE: as above.	
250 (0.5)	100	SILTSTONE: brownish grey, olive grey, argillaceous, minor carbonaceous/coaly fragments, rare brown mica, trace glauconite, soft to firm, blocky.	0 (100:0:0:0:0)
260 (0.4)	Trace	SANDSTONE: as above SILTSTONE: as above.	0 (100:0:0:0:0)
270 (1)	100	SILTSTONE: as above	0 (100:0:0:0:0)
280 (0.3)	10	SANDSTONE: light grey, fine, well sorted, sub rounded, siliceous cement, common light grey calcareous clay matrix, common lithics, rare glauconite, friable to loose, poor visible porosity, fair inferred porosity, no show.	0 (100:0:0:0:0)
	90	SILTSTONE: as above.	
290 (0.4)	5	SANDSTONE: as above	0 (100:0:0:0:0)
	90	SILTSTONE: as above, predominantly brownish grey,	
	5	COAL: black to brownish black, earthy, sub vitreous in part, lignitic, minor pyritic veining, soft to brittle, fissile, present as laminations in SILTSTONE.	
300 (0.6)	5	SANDSTONE: as above	0 (100:0:0:0:0)
	90	SILTSTONE: medium grey to medium dark grey, brownish grey, olive grey, argillaceous, arenaceous in part, grading to very fine SANDSTONE in part, common carbonaceous specks, minor micromica, minor carbonaceous/coaly fragments, soft to firm, sub fissile to sub blocky.	
	5	COAL: as above.	
310 (0.6)	5	SANDSTONE: as above	0 (100:0:0:0:0)
	95	SILTSTONE: as above.	
320 (0.7)	10	SANDSTONE: as above, trace medium well rounded, spherical loose grains.	0 (100:0:0:0:0)
	85	SILTSTONE: as above.	
	5	COAL: black, brownish black, earthy, argillaceous, soft to brittle, blocky, trace plant remnants,	
330 (0.5)	5	SANDSTONE: as above	0 (100:0:0:0:0)
	95	SILTSTONE: brownish grey, olive grey, medium grey, argillaceous, common arenaceous, grading to very fine feldspathic SANDSTONE in part, rare carbonaceous microlaminae, soft to firm, sub blocky to blocky.	
	Trace	COAL: as above.	
340 (0.6)	10	SANDSTONE: translucent, light grey, very fine to fine, well sorted, sub angular to sub rounded, trace siliceous cement, argillaceous matrix, trace glauconite, rare carbonaceous material, friable to moderate hard, common loose, poor visible porosity, no show.	0 (100:0:0:0:0)
	85	SILTSTONE: as above	
	Trace	COAL: as above, conchoidal fracture in part,	
	5	DOLOMITE: light brown, micritic, minor carbonaceous specks, hard,	

Depth (ROP avg)	%	Lithology	Gas
350 (0.6)	100	SILTSTONE: brownish grey, olive grey, argillaceous, arenaceous in part, common carbonaceous microlaminae,	0 (100:0:0:0:0)
360 (0.6)	100	SILTSTONE: as above.	0 (100:0:0:0:0)
370 (0.6)	5 95	SANDSTONE: light grey, light brownish grey, very fine to fine, well sorted, sub angular to sub rounded, siliceous cement, argillaceous matrix, calcareous in part, minor feldspar, micromicaceous, rare glauconite, poor visible porosity, friable to loose, no show. SILTSTONE: as above.	1.3 (100:0:0:0:0)
380 (0.6)	95 5	SILTSTONE: as above. COAL: as above.	2.3 (100:0:0:0:0)
390 (0.6)	100	SILTSTONE: predominantly brownish grey, argillaceous, feldspathic, common carbonaceous microlaminae, common calcite fragments, firm to moderate hard, sub blocky to blocky.	2.8 (100:0:0:0:0)
400 (0.5)	100	SILTSTONE: as above, medium grey, brownish grey.	2.8 (100:0:0:0:0)
410 (0.9)	Trace 70 30	SANDSTONE: light grey to medium light grey, very fine to fine, moderate sorted, angular to sub rounded, siliceous cement, calcareous clay matrix, minor feldspar, minor grey lithics, rare carbonaceous material, moderate hard to hard, nil visible porosity, no show. SILTSTONE: medium dark grey, brownish grey to dark brownish grey, argillaceous, carbonaceous in part, feldspathic, trace glauconite, common carbonaceous material, soft to firm, sub blocky to sub fissile. COAL: black, brownish black, sub vitreous, dull in part, silty in part, firm to brittle, commonly inter laminated with carbonaceous SILTSTONE.	43.3 (100:0:0:0:0)
420 (0.8)	10 80 10	SANDSTONE: light grey to medium light grey, very fine to fine, well sorted, sub rounded, siliceous cement, common white clay matrix, non to slightly calcareous, trace glauconite, trace lithics, rare carbonaceous material, loose to friable, occasionally moderate hard, nil visible porosity, fair to tight inferred porosity, no show. SILTSTONE: as above. COAL: as above.	28.1 (100:0:0:0:0)
430 (0.7)	5 90 5	SANDSTONE: as above. SILTSTONE: as above, commonly inter laminated with COAL. COAL: as above.	25.6 (99:1:0:0:0)
440 (0.6)	30 65 5	SANDSTONE: light brownish grey, very fine to fine, moderate sorted, sub angular to sub rounded, siliceous cement, abundant argillaceous matrix, slightly calcareous in part, rare glauconite, rare weathered feldspar, trace lithics, trace carbonaceous specks, friable, nil visible porosity, no show. SILTSTONE: as above. COAL: as above, grading to carbonaceous shale.	10.8 (99:1:0:0:0)
450 (0.7)	40 60	SANDSTONE: as above, variably calcareous, friable to loose. SILTSTONE: as above.	18.5 (98:2:0:0:0)
460 (0.6)	50 50	SANDSTONE: as above, predominantly loose. SILTSTONE: brownish grey, olive grey, rare medium dark grey, argillaceous, minor carbonaceous microlaminae, rare COAL fragments,	16.3 (98:2:0:0:0)
470 (0.5)	10 90	SANDSTONE: as above. SILTSTONE: as above.	16.9 (99:1:0:0:0)
480 (1)	80 20	SANDSTONE: medium light grey, very fine to fine, rare medium, moderate sorted, sub angular to sub rounded, siliceous cement, white calcareous clay matrix, trace glauconite, minor lithics, rare COAL fragments, friable to moderate hard, nil visible porosity, very dull brown mineral fluorescence. SILTSTONE: as above.	5 (97:3:0:0:0)
490 (0.5)	10 90	SANDSTONE: as above SILTSTONE: brownish grey to olive grey, argillaceous, arenaceous in part, minor carbonaceous specks, trace carbonaceous laminae, soft to firm, sub blocky.	15.9 (99:1:0:0:0)

Depth (ROP avg)	%	Lithology	Gas
500 (0.8)	10 90	SANDSTONE: medium light grey, greenish grey, fine to medium, moderate sorted, sub rounded to rounded, siliceous cement, argillaceous matrix, common glauconitic alteration, minor feldspar, rare lithics, friable to moderate hard, nil visible porosity, no show. SILTSTONE: brownish grey, olive black, argillaceous, minor carbonaceous material/laminae, trace nodular pyrite, rare mica, soft to firm, sub fissile to blocky.	16.6 (98:2:0:0:0)
510 (0.7)	70 30	SANDSTONE: as above, sub angular to sub rounded, predominantly loose, variably calcareous. SILTSTONE: as above.	25.5 (99:1:0:0:0)
520 (0.6)	70 30	SANDSTONE: as above. SILTSTONE: as above.	30.2 (99:1:0:0:0)
530 (0.6)	40 60	SANDSTONE: medium light grey, brownish grey, fine to medium, sub rounded, siliceous cement, variably calcareous clay matrix, minor glauconite, rare feldspar, minor dark carbonaceous lithics, friable, common loose, poor to fair visible porosity, very dull brown mineral fluorescence. SILTSTONE: as above.	14.5 (99:1:0:0:0)
540 (0.7)	20 80	SANDSTONE: as above, predominantly loose, no show. SILTSTONE: as above.	12.1 (98:2:0:0:0)
550 (0.6)	90 10	SANDSTONE: medium grey, very fine to fine, moderate sorted, sub angular to sub rounded, siliceous cement, calcareous clay matrix, common carbonaceous material, rare glauconite, friable to moderate hard, poor visible porosity, no show. SILTSTONE: as above.	15.4 (99:1:0:0:0)
560 (0.8)	90 10	SANDSTONE: as above, very dull brown mineral fluorescence. SILTSTONE: as above.	15 (99:1:0:0:0)
570 (0.6)	20 80	SANDSTONE: as above. SILTSTONE: brownish grey, brownish black, olive grey, argillaceous, trace carbonaceous specks, hygroturgid, soft sub blocky .	15.7 (98:2:0:0:0)
580 (0.6)	60 40	SANDSTONE: as above, loose in part. SILTSTONE: as above.	11.5 (99:1:0:0:0)
590 (0.6)	70 30	SANDSTONE: as above, predominantly loose. SILTSTONE: as above, dispersive in part.	8.7 (97:3:0:0:0)
600 (0.6)	80 20	SANDSTONE: medium grey to medium dark grey, very fine to fine, rare medium, moderate sorted, sub rounded, siliceous cement, variably calcareous clay matrix, rare feldspar, trace pyrite, common dark lithics, trace glauconite, loose to moderate hard, poor visible porosity, very dull mineral fluorescence from calcareous fraction. SILTSTONE: as above.	8.9 (96:4:0:0:0)
610 (0.6)	50 50	SANDSTONE: as above, grading to in part to arenaceous SILTSTONE. SILTSTONE: olive grey, brownish grey, argillaceous, trace carbonaceous specks, soft to firm, sub blocky.	15.6 (97:3:0:0:0)
620 (1.1)	60 40	SANDSTONE: as above. SILTSTONE: as above.	9.8 (97:3:0:0:0)
630 (0.5)	20 80	SANDSTONE: as above. SILTSTONE: as above.	9.6 (97:3:0:0:0)
640 (0.5)	100	SILTSTONE: medium dark grey to dark grey, brownish grey, olive grey, argillaceous, arenaceous in part, trace carbonaceous specks, rare calcitic fossil fragments, grading to very fine SANDSTONE, soft to firm, blocky to sub blocky.	5.9 (96:4:0:0:0)
650 (0.7)	100	SILTSTONE: as above.	6.4 (97:3:0:0:0)
660 (0.9)	100	SILTSTONE: as above.	7 (97:3:0:0:0)
670 (0.7)	100	SILTSTONE: as above.	7.9 (97:3:0:0:0)
680 (0.7)	100	SILTSTONE: medium dark grey to dark grey, olive grey, brownish grey, argillaceous, trace carbonaceous material/specks, trace fossil fragments, soft to firm sub blocky to fissile.	5.7 (96:4:0:0:0)

Depth (ROP avg)	%	Lithology	Gas
690 (0.6)	100	SILTSTONE: as above.	5.9 (97:3:0:0:0)
700 (0.7)	100	SILTSTONE: as above.	10.3 (96:4:0:0:0)
710 (0.6)	100	SILTSTONE: as above.	6.2 (96:4:0:0:0)
720 (0.6)	100	SILTSTONE: as above.	7.6 (96:4:0:0:0)
730 (0.6)	100	SILTSTONE: as above.	9.3 (97:3:0:0:0)
740 (0.7)	100	SILTSTONE: as above.	7.8 (96:4:0:0:0)
750 (0.6)	100	SILTSTONE: as above, minor micromica.	9 (95:5:0:0:0)
760 (0.6)	100	SILTSTONE: medium dark grey to dark grey, brownish grey to brownish black, argillaceous, arenaceous in part, common carbonaceous specks, rare micromica, firm, sub blocky to sub fissile.	7.8 (97:3:0:0:0)
770 (0.7)	100 Trace	SILTSTONE: as above LIMESTONE: brownish grey, micritic, minor nodular pyrite, hard	7.3 (96:4:0:0:0)
780 (0.7)	100	SILTSTONE: as above, rare shell fragments,	8.7 (96:3:1:0:0)
790 (0.6)	98 2	SILTSTONE: as above. DOLOMITE: light brownish grey to brownish grey, micritic, moderate hard to hard, trace carbonaceous specks, trace fossil fragments.	8.5 (96:3:2:0:0)
800 (0.7)	100 Trace	SILTSTONE: as above. DOLOMITE: as above.	8.5 (95:3:1:0:0)
810 (0.7)	100	SILTSTONE: medium dark grey to dark grey, brownish grey, predominantly argillaceous, arenaceous in part and grading to very fine SANDSTONE, common carbonaceous specks, trace Inoceramus, micromicaceous in part, soft to firm, sub blocky to sub fissile.	5.8 (95:3:1:0:0)
820 (0.6)	100	SILTSTONE: as above.	4.2 (91:5:3:1:0)
830 (0.7)	100	SILTSTONE: brownish grey to brownish black, carbonaceous, very calcareous, mottled, rare Inoceramus, firm, fissile.	13.2 (94:3:2:0:0)
840 (0.8)	100	SILTSTONE: brownish black, carbonaceous, very calcareous, abundant carbonaceous microlaminae, firm, fissile.	28.3 (95:4:1:0:0)
850 (0.8)	100	SILTSTONE: medium dark grey, arenaceous, feldspathic, rare carbonaceous material, soft to firm, sub blocky to sub fissile.	5.2 (95:5:0:0:0)
860 (0.8)	100	SILTSTONE: as above.	6.8 (93:4:3:0:0)
870 (0.7)	100	SILTSTONE: medium dark grey, argillaceous, trace micromica, soft to firm, sub blocky to blocky, fissile in part.	7.2 (96:4:0:0:0)
880 (0.7)	100	SILTSTONE: as above	7.7 (95:5:0:0:0)
890 (0.7)	100	SILTSTONE: as above.	9.5 (93:4:1:1:0)
900 (0.9)	100	SILTSTONE: medium dark grey to dark grey, argillaceous, trace glauconite, rare carbonaceous specks, common micromica, soft to firm, sub blocky to sub fissile.	17.8 (93:4:2:1:0)
910 (1)	100	SILTSTONE: as above.	15 (94:4:1:1:0)
920 (1.1)	100	SILTSTONE: as above.	9.1 (94:4:2:1:0)
930 (1.8)	100	SILTSTONE: as above, dispersive in part, arenaceous in part.	7.4 (93:5:2:0:0)
940 (1.2)	100	SILTSTONE: as above.	25.8 (96:3:1:0:0)

Depth (ROP avg)	%	Lithology	Gas
950 (1.4)	10 90	SANDSTONE: medium grey, greenish grey, very fine, well sorted, siliceous cement, argillaceous matrix, minor glauconite, rare feldspar, interlaminated with and grading to SILTSTONE, friable to moderate hard, tight to poor visible porosity, no show. SILTSTONE: medium dark grey to dark grey, argillaceous, arenaceous in part, micromicaceous, trace pyrite as fossil replacement, soft to firm, blocky to sub blocky.	23.8 (89:9:1:1:0)
960 (1.1)	5 95	SANDSTONE: as above SILTSTONE: medium dark grey, brownish grey, olive grey, argillaceous, arenaceous in part, micromicaceous, rare carbonaceous specks, rare calcite/fossil fragments, soft, sub blocky.	20.3 (97:2:1:0:0)
970 (2.2)	10 90	SANDSTONE: as above, also loose fine to medium, moderate sorted, sub angular to sub rounded, with glauconite, feldspar, common lithics, poor to tight visible porosity, fair inferred porosity, no show. SILTSTONE: as above.	10.9 (90:6:2:2:0)
980 (1.1)	100	SILTSTONE: dark grey, argillaceous, micromicaceous, trace Inoceramus, arenaceous in part, firm to moderate hard, sub fissile.	7.1 (90:6:2:2:0)
990 (1)	100	SILTSTONE: as above.	7.6 (91:5:1:2:0)
1000 (1.1)	Trace 100	SANDSTONE: medium grey, greenish grey, very fine, well sorted, siliceous cement, argillaceous matrix, minor glauconite, rare feldspar, grading to SILTSTONE, friable to moderate hard, tight to poor visible porosity, no show. SILTSTONE: as above.	16 (93:4:2:1:0)
1005 (1)	100	SILTSTONE: as above.	19.3 (94:3:1:1:0)
1010 (1)	Trace 100	SANDSTONE: as above. SILTSTONE: as above.	19.4 (93:4:2:1:1)
1015 (1)	100	SILTSTONE: as above.	19.4 (93:4:2:1:1)
1020 (1.1)	100	SILTSTONE: as above.	19.3 (93:3:2:1:0)
1025 (1)	100	SILTSTONE: as above.	21.2 (93:4:2:2:0)
1030 (1)	100	SILTSTONE: dark grey, argillaceous, arenaceous in part, trace nodular pyrite, trace glauconite, micromicaceous, rare very fine SANDSTONE microlaminae, firm to moderate hard,	22.2 (93:3:2:2:0)
1035 (1.3)	100	SILTSTONE: as above.	25.4 (94:3:2:1:0)
1040 (2.8)	100	SILTSTONE: as above.	15.8 (91:4:2:3:0)
1045 (2.8)	100	SILTSTONE: dark grey, argillaceous, micromicaceous, trace glauconite, soft to firm, dispersive in part, sub blocky to sbfis	15.6 (91:4:2:3:1)
1050 (2.8)	100	SILTSTONE: as above.	18 (91:3:2:3:1)
1055 (1.9)	100	SILTSTONE: as above, firm to moderate hard, blocky to sub blocky.	20.1 (91:3:2:2:1)
1060 (2.3)	100	SILTSTONE: as above, dispersive in part.	16.6 (91:4:3:3:0)
1065 (1)	100	SILTSTONE: as above.	4.1 (95:4:1:0:0)
1070 (1.6)	5 95	SANDSTONE: light grey, very fine to fine, moderate sorted, sub angular to sub rounded, siliceous cement, white calcareous clay matrix, trace glauconite, trace lithics, trace micromica, friable to moderate hard, poor visible porosity, no show. SILTSTONE: as above.	14.1 (91:3:3:3:0)
1075 (4)	30 70	SANDSTONE: as above, rare feldspar, interlaminated with SILTSTONE, moderately bright yellow-brown mineral fluorescence (no cut) SILTSTONE: medium dark grey to dark grey, argillaceous, minor micromica, rare nodular pyrite, trace carbonaceous laminae, moderate hard to hard, blocky.	10.5 (78:3:2:7:10)

Depth (ROP avg)	%	Lithology	Gas
1080 (1.6)	90 10	SANDSTONE: as above, variably calcareous matrix, minor mineral fluorescence from calcareous fraction, SILTSTONE: as above.	11.3 (77:3:2:7:11)
1085 (1.2)	40 60	SANDSTONE: light grey, light brownish grey, very fine to medium, moderate to poor sorted, sub angular to sub rounded, variable calcareous clay matrix, rare feldspar, trace glauconite, rare lithics, poor visible porosity, minor moderate bright yellow-brown mineral fluorescence. SILTSTONE: as above.	11.3 (92:3:2:3:0)
1090 (1.1)	40 60	SANDSTONE: as above. SILTSTONE: as above.	9.9 (97:2:0:0:1)
1095 (1.1)	40 60	SANDSTONE: light grey, light brownish grey, very fine to medium, minor loose medium to coarse, rare granular, moderate sorted to poor sorted, sub angular to sub rounded, siliceous cement, nil to predominantly abundant variably calcareous clay matrix, rare feldspar, trace glauconite, rare carbonaceous material, rare coal fragments, minor quartz overgrowths, grading to arenaceous SILTSTONE, friable to moderate hard, poor to fair visible porosity, minor mineral fluorescence. SILTSTONE: medium dark grey to dark grey, argillaceous, arenaceous in part, rare to locally common carbonaceous material, micromicaceous, trace nodular pyrite, soft to moderate hard, sub blocky to sub fissile.	13.5 (94:3:1:1:1)
1100 (1.1)	70 30	SANDSTONE: light grey, light brownish grey, predominantly very fine, minor fine to medium, well to moderate sorted, sub angular to sub rounded, siliceous cement, predominantly abundant non to moderately calcareous clay matrix, minor feldspar, rare carbonaceous specks, grading to feldspathic SILTSTONE, poor visible porosity, no show. SILTSTONE: common brownish grey, olive grey.	10.5 (95:3:1:1:0)
1105 (1.6)	30 70	SANDSTONE: as above SILTSTONE: as above.	6.8 (91:3:4:2:0)
1110 (1.1)	90 10	SANDSTONE: as above SILTSTONE: as above.	5.5 (89:3:6:3:0)
1115 (1)	90 10	SANDSTONE: as above SILTSTONE: as above	7.4 (97:3:0:0:0)
1120 (1.2)	40 60	SANDSTONE: as above, commonly interlaminated with and grading to arenaceous SILTSTONE, minor carbonaceous microlaminae SILTSTONE: brownish grey to brownish black, arenaceous, common carbonaceous microlaminae, micromicaceous in part, feldspathic, soft to moderate hard, sub fissile.	8.9 (95:3:1:0:0)
1125 (1.3)	40 60	SANDSTONE: as above. SILTSTONE: as above.	8.2 (96:3:0:1:0)
1130 (1.3)	10 90	SANDSTONE: as above SILTSTONE: as above.	6.6 (94:3:0:1:1)
1135 (1.7)	10 90	SANDSTONE: light grey, light brownish grey, very fine, well sorted, sub angular to sub rounded, siliceous cement, minor variably calcareous clay matrix, minor feldspar, trace carbonaceous specks, rare lithics, moderate hard, tight visible porosity, no show. SILTSTONE: as above.	5.3 (91:4:1:3:1)
1140 (1.4)	20 80	SANDSTONE: as above, interlaminated and grading to arenaceous SILTSTONE. SILTSTONE: brownish grey, olive grey, arenaceous, micromicaceous, common carbonaceous specks, minor nodular pyrite, firm to moderate hard, sub fissile to fissile.	3.6 (93:2:4:1:0)
1145 (1.3)	20 80	SANDSTONE: as above SILTSTONE: as above, common carbonaceous microlaminae.	7.1 (94:3:3:1:0)
1150 (2.1)	Trace 100	SANDSTONE: as above SILTSTONE: brownish grey, olive grey, arenaceous, micromicaceous, feldspathic, minor carbonaceous specks, common very fine SANDSTONE interlaminations, moderate hard, fissile.	4.2 (95:3:0:1:0)

Depth (ROP avg)	%	Lithology	Gas
1155 (1.8)	10 90	SANDSTONE: light grey, light brownish grey, very fine, well sorted, sub rounded to rounded, siliceous cement, trace argillaceous matrix, minor feldspar, trace carbonaceous specks, minor micromica, interlaminated with and grading to arenaceous SILTSTONE, moderate hard, tight visible porosity, no show. SILTSTONE: as above, grading to and interlaminated with very fine SANDSTONE.	2.8 (94:4:0:1:0)
1160 (1.5)	30 70	SANDSTONE: as above. SILTSTONE: as above.	4.4 (93:4:1:2:0)
1165 (1.2)	30 70	SANDSTONE: as above. SILTSTONE: as above.	4 (91:5:1:3:0)
1170 (2.6)	30 70	SANDSTONE: as above, trace very coarse to granular loose quartz grains. SILTSTONE: as above, trace brown mica flakes.	4.4 (93:3:1:3:0)
1175 (1.6)	90 10	SANDSTONE: light olive grey, light brownish grey to brownish grey, fine to medium, moderate sorted, sub angular to sub rounded, siliceous cement, partially recrystallised calcareous matrix, trace mica, trace carbonaceous material, loose to moderate hard, poor visible porosity, no show. SILTSTONE: as above.	2.9 (96:2:0:2:0)
1180 (1.3)	95 5	SANDSTONE: translucent, transparent, white to light olive grey, fine to medium, moderate sorted, sub angular to sub rounded, siliceous cement, minor white clay matrix, calcareous in part, trace carbonaceous laminae, trace lithics, loose to moderate hard, poor to moderate visible porosity, no show SILTSTONE: as above.	3.3 (93:2:4:2:0)
1185 (1.1)	80 20	SANDSTONE: as above SILTSTONE: medium dark grey to dark grey, brownish grey, arenaceous, micromicaceous, minor carbonaceous specks/laminae, firm, sub fissile to blocky.	3.2 (95:5:0:0:0)
1190 (1.7)	80 20	SANDSTONE: as above SILTSTONE: as above.	2.5 (94:6:0:0:0)
1195 (1.4)	30 70	SANDSTONE: predominantly calcareous. SILTSTONE: as above.	3.4 (98:1:1:0:0)
1200 (1.4)	50 50	SANDSTONE: as above. SILTSTONE: as above.	3.2 (100:0:0:0:0)
1205 (1.3)	20 80	SANDSTONE: medium light grey, very fine to medium, poor sorted, sub angular to sub rounded, siliceous cement, minor to abundant calcareous clay matrix, interlaminated with SILTSTONE, rare carbonaceous material/laminae, rare feldspar, loose to moderate hard, poor visible porosity, no show. SILTSTONE: medium dark grey brownish grey, arenaceous, micromicaceous, common carbonaceous laminae, rare sandy laminae, firm to moderate hard, sub blocky to sub fissile.	3.6 (97:3:0:0:0)
1210 (1.1)	50 50	SANDSTONE: as above SILTSTONE: as above	3.3 (96:4:0:0:0)
1215 (1.2)	60 40	SANDSTONE: light grey to medium light grey, translucent, transparent, fine to medium, moderate sorted, sub angular to sub rounded, siliceous cement, common variably calcareous white clay matrix, rare carbonaceous laminae, rare COAL fragments, trace quartz overgrowths, rare weathered feldspar, loose to moderate hard, poor visible porosity, no show. SILTSTONE: as above.	2.5 (98:2:0:0:0)
1220 (1.1)	70 30	SANDSTONE: as above SILTSTONE: as above.	2.6 (100:0:0:0:0)
1225 (1.2)	90 10	SANDSTONE: as above SILTSTONE: as above	2.2 (99:1:0:0:0)
1230 (1.1)	90 10	SANDSTONE: as above SILTSTONE: as above	1.3 (100:0:0:0:0)
1235 (1.6)	90 10	SANDSTONE: as above SILTSTONE: as above	3.5 (100:0:0:0:0)
1240 (1.9)	60 40	SANDSTONE: as above SILTSTONE: as above.	2.3 (95:5:0:0:0)

Depth (ROP avg)	%	Lithology	Gas
1245 (1.6)	60 40	SANDSTONE: light grey to medium light grey, transparent, translucent, predominantly fine to medium, rare coarse, moderate sorted, angular to sub rounded, siliceous cement, common white calcareous clay matrix, rare carbonaceous and silty laminae, trace lithics, trace glauconite, loose to friable, poor visible porosity, no show. SILTSTONE: as above.	2.4 (95:5:0:0:0)
1250 (1.4)	50 50	SANDSTONE: as above, rare large brown mica. SILTSTONE: brownish grey to brownish black, feldspathic, minor micromica, common carbonaceous material, firm, fissile.	3.4 (99:1:0:0:0)
1255 (1.3)	40 60	SANDSTONE: as above SILTSTONE: as above.	2.8 (93:3:3:2:0)
1260 (1.2)	30 70	SANDSTONE; as above SILTSTONE: as above	3.6 (89:5:3:3:0)
1265 (1.3)	90 10	SANDSTONE: translucent, transparent, light grey to medium light grey, fine to predominantly medium, rare coarse, moderate sorted, sub angular to sub rounded, siliceous cement, common white calcareous clay matrix in part, trace carbonaceous laminae, trace feldspar, predominantly loose, rare friable, poor visible porosity, good inferred porosity, no show. SILTSTONE: as above.	2.2 (100:0:0:0:0)
1270 (1)	90 10	SANDSTONE: as above, fine to coarse, poor sorted, no show. SILTSTONE: as above.	5.2 (95:1:0:2:2)
1275 (1.8)	10 90	SANDSTONE: as above, predominantly fine. SILTSTONE: brownish grey, olive grey, arenaceous, micromicaceous, moderately calcareous in part, rare carbonaceous specks, grading to and laminated with very fine SANDSTONE, firm to moderate hard, fissile.	8.6 (90:3:2:4:1)
1280 (1.7)	20 80	SANDSTONE: light grey to light brownish grey, very fine, well sorted, rounded to sub rounded, siliceous cement, white clay matrix, trace lithics, micromicaceous, friable, tight visible porosity, FLUORESCENCE: Trace in very fine aggregates, bright yellow-white, even, moderate fast streaming cut, fast blooming crushed cut, thick blue film and ring residue. SILTSTONE: as above.	12.2 (90:4:2:4:1)
1285 (1.5)	30 70	SANDSTONE: as above FLUORESCENCE: as above. SILTSTONE: as above.	12.1 (91:3:2:3:1)
1290 (1.4)	50 50	SANDSTONE: as above FLUORESCENCE: as above SILTSTONE; as above	12.8 (87:3:2:6:1)
1295 (1.5)	60 40	SANDSTONE: as above FLUORESCENCE: as above SILTSTONE: as above.	1.8 (97:0:3:0:0)
1300 (1.8)	50 50	SANDSTONE: as above, no show. SILTSTONE: as above.	5.8 (88:4:3:4:1)
1305 (1.6)	60 40	SANDSTONE: as above SILTSTONE: as above.	2.2 (85:7:3:5:0)
1310 (1.6)	50 50	SANDSTONE: as above SILTSTONE: as above.	4.1 (98:0:1:0:0)
1315 (2.2)	40 60	SANDSTONE: as above FLUORESCENCE: trace dull brown in light brownish grey very fine SANDSTONE aggregates, no cut, very slow crushed cut with very faint film and ring residue. SILTSTONE: as above.	7.6 (89:3:3:4:1)
1320 (2)	60 40	SANDSTONE: light grey, very fine to fine, rare embedded coarse, predominantly well sorted, sub rounded, siliceous cement, patchy white clay matrix, calcareous in part, common SILTSTONE laminae, rare carbonaceous specks, rare feldspar, moderate hard, tight visible porosity, no show. SILTSTONE: brownish grey, olive grey, arenaceous, micromicaceous, minor carbonaceous specks, interlaminated with very fine SANDSTONE, feldspathic, firm to moderate hard, sub blocky to fissile.	7.7 (89:4:3:3:1)
1325 (1.4)	60 40	SANDSTONE: as above SILTSTONE: as above	7.2 (87:4:3:5:1)

Depth (ROP avg)	%	Lithology	Gas
1330 (1.5)	30 70	SANDSTONE: as above SILTSTONE; as above	8.2 (87:4:3:5:1)
1335 (1.3)	60 40	SANDSTONE: medium light grey, light brownish grey, very fine to medium, rare embedded coarse, well to moderate sorted, occasionally poor sorted, angular to sub rounded, siliceous cement, white clay matrix, slightly calcareous in part, trace carbonaceous specks, interlaminated with SILTSTONE, friable to moderate hard, tight to moderate visible porosity, FLUORESCENCE: 10% in tight moderate to poor sorted sandstone aggregates, bright white, even, very slow blooming cut, moderate blooming crushed cut, thin film and ring residue. SILTSTONE: as above.	8.6 (89:4:2:4:1)
1340 (2.3)	80 20	SANDSTONE: as above FLUORESCENCE: Trace as above. SILTSTONE: as above, occasionally brownish black, rare carbonaceous microlaminae, trace Coal fragments.	10.3 (86:4:3:5:2)
1345 (1.8)	90 10	SANDSTONE: light grey to medium light grey, fine to medium, well sorted, sub angular to sub rounded, siliceous cement, trace to common white clay matrix, variably calcareous, trace lithics, trace carbonaceous material, friable to moderate hard, rare loose, fair to poor visible porosity, FLUORESCENCE: trace as above. SILTSTONE: brownish grey to brownish black, arenaceous, argillaceous in part, common carbonaceous material/microlaminae, minor feldspar, firm sub fissile.	9.7 (86:3:3:5:2)
1350 (2.2)	90 10	SANDSTONE: as above, no show. SILTSTONE: as above	6.9 (89:3:2:4:2)
1355 (2.8)	70 30	SANDSTONE: as above, no show. SILTSTONE: as above.	5.1 (85:5:4:6:0)
1360 (2)	80 20	SANDSTONE: as above, no show SILTSTONE: as above.	5.1 (92:4:3:2:0)
1365 (2.3)	80 20	SANDSTONE: light grey to medium light grey, fine to occasionally medium, angular to sub rounded, siliceous cement, nil to common white clay matrix, slightly calcareous in part, minor silty laminae, trace carbonaceous specks, friable, tight visible porosity, no show. SILTSTONE: as above	4.6 (96:2:1:1:0)
1370 (2.2)	60 40	SANDSTONE: as above SILTSTONE: brownish grey, arenaceous, microcmicaceous, minor carbonaceous material, firm to moderate hard, fissile.	4.5 (98:1:0:1:0)
1375 (1.9)	60 40	SANDSTONE: as above SILTSTONE: as above	10.1 (86:3:3:5:2)
1380 (1.9)	90 10	SANDSTONE: translucent, transparent, fine, well sorted, sub angular to sub rounded, siliceous cement, minor white clay matrix, trace lithics, predominantly loose, rare friable aggregates, tight visible porosity, good/tight inferred porosity, no show. SILTSTONE: as above.	10.9 (86:4:2:5:3)
1385 (1.8)	100	SANDSTONE: as above, fine to medium, no show	8.9 (91:3:1:3:2)
1390 (1.6)	100	SANDSTONE: as above, fine to coarse, poor sorted, no show	5 (100:0:0:0:0)
1395 (1.5)	100	SANDSTONE: as above.	6.1 (97:3:0:0:0)
1400 (2)	30 70	SANDSTONE: translucent, transparent, medium light grey, light brownish grey, very fine to fine, rare medium to coarse, moderate to poor sorted, angular to sub rounded, siliceous cement, argillaceous matrix, calcareous in part, minor feldspar, trace carbonaceous material, minor silty laminae, loose to friable, generally poor visible poor, no show. SILTSTONE: brownish grey, olive grey, greyish brown, arenaceous, micromicaceous, feldspathic, common carbonaceous material, firm to moderate hard, sub blocky to sub fissile.	6.1 (90:4:0:3:3)
1405 (1.8)	10 90	SANDSTONE; as above SILTSTONE: as above.	5.9 (98:2:0:0:0)

Depth (ROP avg)	%	Lithology	Gas
1410 (1.5)	20 80	SANDSTONE: as above. SILTSTONE: as above.	5.8 (96:1:0:2:0)
1415 (1.9)	95 5	SANDSTONE: translucent, transparent, light brownish grey, very fine to coarse, poor sorted, sub angular to rounded, siliceous cement, moderate to abundant white clay matrix, calcareous in part, common carbonaceous material, minor feldspar, minor lithics, loose to friable, poor visible porosity, fair inferred porosity, no show. SILTSTONE: as above.	5.6 (96:3:0:1:0)
1420 (2.4)	95 5	SANDSTONE: as above. SILTSTONE: as above.	6 (95:4:0:1:0)
1425 (2.6)	80 20	SANDSTONE: as above SILTSTONE: as above, common carbonaceous microlaminae,	6.2 (91:4:0:5:0)
1430 (2.7)	50 50	SANDSTONE: as above SILTSTONE: brownish grey, olive grey, greyish brown, arenaceous, micromicaceous, feldspathic, common carbonaceous material, common carbonaceous microlaminae, firm to moderate hard, sub blocky to sub fissile.	7.6 (89:4:1:3:2)
1435 (2.8)	70 30	SANDSTONE; translucent, transparent, light brownish grey, fine to medium, moderate sorted, sub angular to rounded, siliceous cement, moderate to abundant white clay matrix, calcareous in part, common carbonaceous material, minor feldspar, minor lithics, to nodular pyrite, trace brown mica, loose to friable, poor visible porosity, fair inferred porosity, no show. SILTSTONE: as above.	8 (91:3:1:4:2)
1440 (3.1)	40 60	SANDSTONE: as above. SILTSTONE: as above, occasionally brownish black,	10.5 (83:5:4:7:0)
1445 (1.9)	20 80	SANDSTONE: as above SILTSTONE: as above.	11.3 (82:4:4:8:1)
1450 (1.9)	30 70	SANDSTONE: medium light grey, light grey, translucent, fine to medium, moderate sorted, angular to sub rounded, siliceous cement, trace to common white calcareous clay matrix, rare feldspar, minor lithics, trace glauconite, rare COAL fragments, loose to friable, generally poor visible porosity, good inferred porosity FLUORESCENCE: trace in fine to medium moderate sorted aggregates with trace to common matrix, moderately bright yellow-white to blue-white, patchy, slow blooming cut, moderate to slow blooming crushed cut, thin film and ring residue. SILTSTONE: brownish grey, olive grey, arenaceous, argillaceous in part, feldspathic, minor to common in part carbonaceous material/laminae, firm to moderate hard, blocky to sub fissile.	9.6 (84:4:4:6:4)
1453 SPOT	100 Trace	SANDSTONE: very fine to fine with 20% moderate bright blue-white to yellow-white fluorescence in aggregates with common to abundant white clay matrix. SILTSTONE: as above.	
1454 SPOT	95 5	SANDSTONE: as above, with 20% moderately bright yellow-white fluorescence in agg with common to abundant white clay matrix.	
1455 (1.7)	90 10	SANDSTONE: translucent, transparent, light brownish grey, fine to medium, well sorted, sub angular to sub rounded, siliceous cement, minor aggregates with variably calcareous clay matrix, trace quartzose lithics, trace carbonaceous material, predominantly loose, 20% friable aggregates, poor to fair visible porosity, good inferred porosity FLUORESCENCE: 10% in fine to medium grained moderately sorted aggregates with minor to common white clay matrix, moderate bright yellow- white, patchy to even, slow blooming cut and crushed cut, thin blue film and ring residue. SILTSTONE: as above.	16.7 (78:4:4:8:5)
1457 SPOT	100	SANDSTONE: very fine to fine, common white clay matrix, with 20% patchy fluorescence	
1458 SPOT	95 5	SANDSTONE: very fine to medium, 20% bright yellow-white fluorescence with duller overall fluorescence. SILTSTONE: as above.	
1459 SPOT	95 5	SANDSTONE: as above. SILTSTONE: as above.	

Depth (ROP avg)	%	Lithology	Gas
1460 (2.2)	100 Trace	SANDSTONE: translucent, transparent, medium light grey, fine to medium, moderate sorted, sub rounded, predominantly loose, minor aggregates with siliceous cement & common white clay matrix, trace lithics, trace mica, excellent inferred porosity. FLUORESCENCE: 50% moderate to bright yellow-white fluorescence with dull overall fluorescence, moderate streaming cut, fast streaming crushed cut, thick blue-white ring residue. SILTSTONE: as above.	23 (64:6:6:11:13)
1461 SPOT	100 Trace	SANDSTONE; as above. SILTSTONE: as above.	
1463 SPOT	100 Trace	SANDSTONE; as above SILTSTONE: as above	
1465 (1.5)	100	SANDSTONE: as above, very fine to medium, angular to sub rounded, FLUORESCENCE: 50% bright yellow-white patchy in very fine to medium aggregates, 100 dull overall fluorescence from loose sand, moderate blooming cut, moderate streaming crushed cut, thick film and ring residue.	42.3 (61:5:7:12:15)
1470 (1.9)	80 20	SANDSTONE: translucent, transparent, medium light grey, very fine to medium, moderate to well sorted, sub angular to sub rounded, siliceous cement, common variably calcareous clay matrix, common carbonaceous material, trace mica, trace lithics, predominantly loose, 10% friable aggregates, poor visible porosity, good inferred porosity, FLUORESCENCE: 5% in fine to medium aggregates with nil to common clay matrix, dull to moderately bright, patchy, occasionally pinpoint, very slow blooming cut, slow blooming crushed cut, thin blue film and ring residue. SILTSTONE: light brownish grey to brownish grey, arenaceous, common carbonaceous material, feldspathic, moderate hard, sub fissile.	35.6 (85:2:3:5:6)
1475 (2.6)	90 10	SANDSTONE: translucent, transparent, fine to predominantly medium, trace coarse, well sorted, sub angular to sub rounded, siliceous cement, common white clay matrix, variably calcareous, trace garnet, trace feldspar, trace lithics, good inferred porosity FLUORESCENCE: trace as above. SILTSTONE: as above.	22.8 (87:3:2:4:4)
1480 (2.2)	70 30	SANDSTONE: as above FLUORESCENCE: trace as above SILTSTONE: brownish grey, olive grey, arenaceous, common very fine SANDSTONE interlams, minor carbonaceous laminae, micromicaceous, moderate hard, sub fissile to fissile.	26.7 (74:3:3:7:13)
1485 (1.6)	100	SANDSTONE: translucent, transparent, very fine to predominantly medium, trace coarse, well sorted, sub rounded, trace aggregates with siliceous cement, nil to trace matrix, trace pink garnet, trace carbonaceous material, excellent inferred porosity, no show	27.8 (78:3:3:7:8)
1490 (1.7)	100	SANDSTONE: as above, fine to coarse, poor sorted, no show.	23.5 (73:3:4:7:13)
1495 (1.6)	100	SANDSTONE: as above, no show.	25.2 (74:3:3:7:12)
1500 (1.6)	100 Trace	SANDSTONE: as above. SILTSTONE: as above.	23.2 (84:3:3:6:4)
1505 (1.6)	10 90	SANDSTONE: as above SILTSTONE: brownish grey, arenaceous, common carbonaceous specks, trace carbonaceous microlaminae, micromicaceous, firm to moderate hard, fissile.	25.4 (75:3:3:6:12)
1510 (1.8)	50 50	SANDSTONE: as above SILTSTONE: as above.	22.1 (75:5:3:7:10)
1515 (1.5)	80 20	SANDSTONE: as above SILTSTONE: as above	23.3 (83:3:3:6:5)
1520 (1.9)	100	SANDSTONE: translucent, transparent, fine to medium, moderate sorted, sub rounded, siliceous cement, minor white clay matrix, trace lithics, trace garnet, predominantly loose, minor friable aggregates, fair inferred porosity, excellent inferred porosity, no show.	22.4 (85:1:0:7:6)

Depth (ROP avg)	%	Lithology	Gas
1524 TD	100	SANDSTONE: as above.	
		Bodalla South-18 reached TD of 1524mRT @ 17:30 hrs on 9th Aug. 2007	



Formation Evaluation Quick look

Products:	<ul style="list-style-type: none">• Interactive Petrophysics*
Company:	<ul style="list-style-type: none">• Beach Petroleum.
Well(s):	<ul style="list-style-type: none">• Bodalla South-18 (8 ½" Section)
Interval:	<ul style="list-style-type: none">• 1270m to 1524m MD
Analysis Date:	<ul style="list-style-type: none">• August 29, 2007
Logging Date:	<ul style="list-style-type: none">• August 10, 2007
Location:	<ul style="list-style-type: none">• Schlumberger Data Services Centre• Perth, Western Australia
Analyst(s):	<ul style="list-style-type: none">• Sylvia Tokic
Logging Engineer:	<ul style="list-style-type: none">• Jose Filho

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* Mark of Schlumberger



Executive Summary

The hydrocarbon shows in this well were within the Hutton Sandstone formation. Three tests were conducted in the well.

- DST 1 over the interval 1444 – 1455.4m in the Birkhead Formation returned rat hole mud and possibly some formation fluid/filtrate and trace/skim of oil to surface.
- DST 2 was a misrun
- DST 3 over the interval 1455 - 1460m in the Hutton Sandstone Formation recovered 8.5 bbls oil with API: 47.3 @ 60deg F and 9.2 bbls of muddy water.

The tables below summarise the interpreted logs.

Reservoir SUMMARY

Zn #	Zone Name	Top	Bottom	Gross	Net	N/G	Av Phi	Av Sw	Av Vcl	Phi *H
1	Westbourne	1268.00	1376.20	106.23	83.06	0.782	0.142	0.999	0.263	11.82
2	Adori	1376.20	1394.20	18.00	18.00	1.000	0.207	0.987	0.058	3.72
3	Birkhead	1394.20	1455.80	61.60	58.20	0.945	0.144	0.982	0.263	8.38
4	Hutton	1455.80	1524.00	68.20	55.32	0.811	0.162	0.758	0.114	8.96
All Zones		1268.00	1524.00	254.03	214.58	0.845	0.153	0.928	0.207	32.88

Pay SUMMARY

Zn #	Zone Name	Top	Bottom	Gross	Net	N/G	Av Phi	Av Sw	Av Vcl	Phi *H
1	Westbourne	1268.00	1376.20	106.23	0.00	0.000	---	---	---	---
2	Adori	1376.20	1394.20	18.00	0.00	0.000	---	---	---	---
3	Birkhead	1394.20	1455.80	61.60	0.00	0.000	---	---	---	---
4	Hutton	1455.80	1524.00	68.20	3.15	0.046	0.153	0.425	0.190	0.48
All Zones		1268.00	1524.00	254.03	3.15	0.012	0.153	0.425	0.190	0.48

CUTOFFS USED

Zn #	Zone Name	Top	Bottom	Min. Height	Phi PHIE	Sw SW	Vcl VWCL
Reservoir							
1	Westbourne	1268.00	1376.20	0.	>= 0.1	<= 0.5	<= 0.5
2	Adori	1376.20	1394.20	0.	>= 0.1	<= 0.5	<= 0.5
3	Birkhead	1394.20	1455.80	0.	>= 0.1	<= 0.5	<= 0.5
4	Hutton	1455.80	1524.00	0.	>= 0.1	<= 0.5	<= 0.5
Pay							
1	Westbourne	1268.00	1376.20	0.	>= 0.1	<= 0.5	<= 0.5
2	Adori	1376.20	1394.20	0.	>= 0.1	<= 0.5	<= 0.5
3	Birkhead	1394.20	1455.80	1.	>= 0.1	<= 0.5	<= 0.5
4	Hutton	1455.80	1524.00	0.	>= 0.1	<= 0.5	<= 0.5

Depth Units : m

Figure 1 : Evaluation results in Hotton

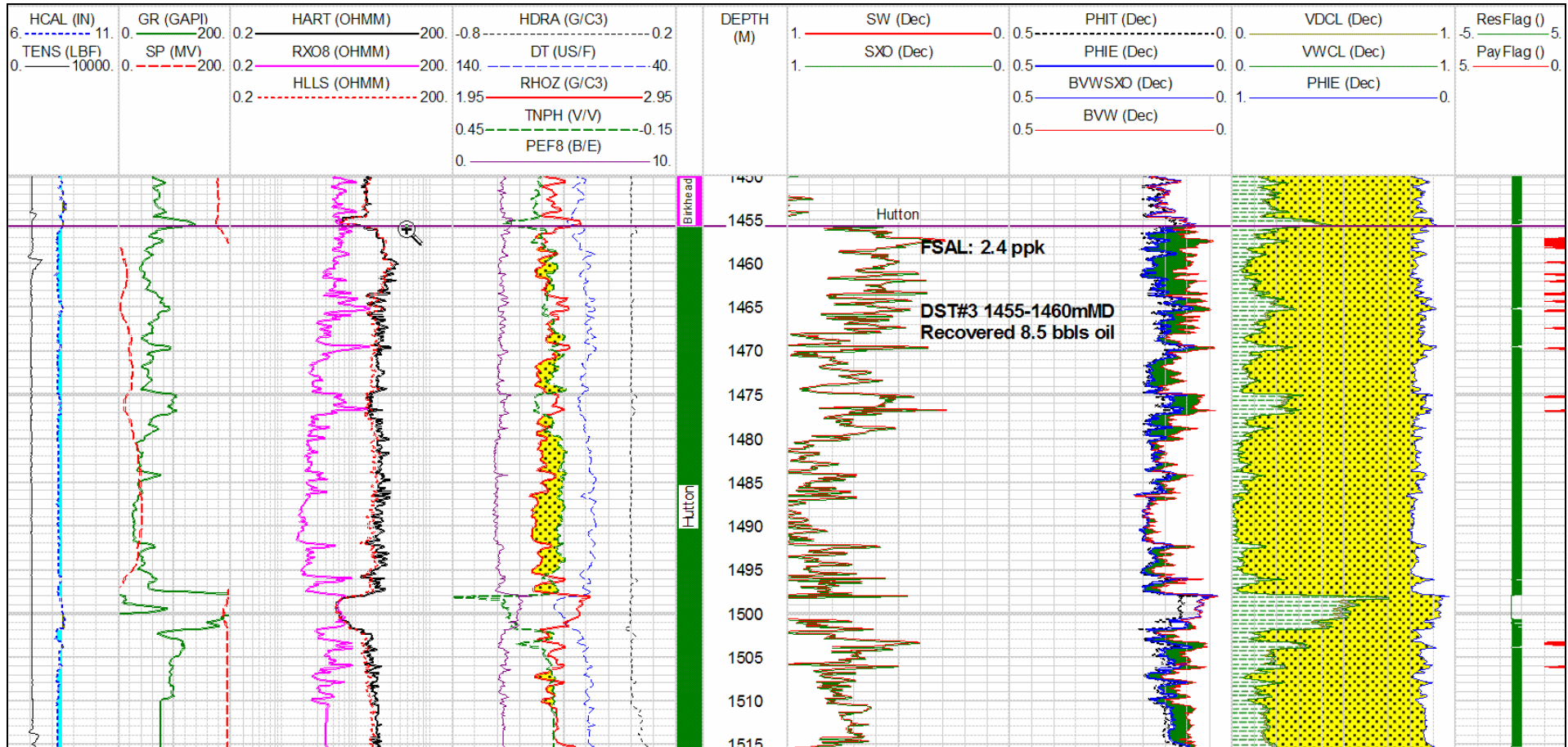




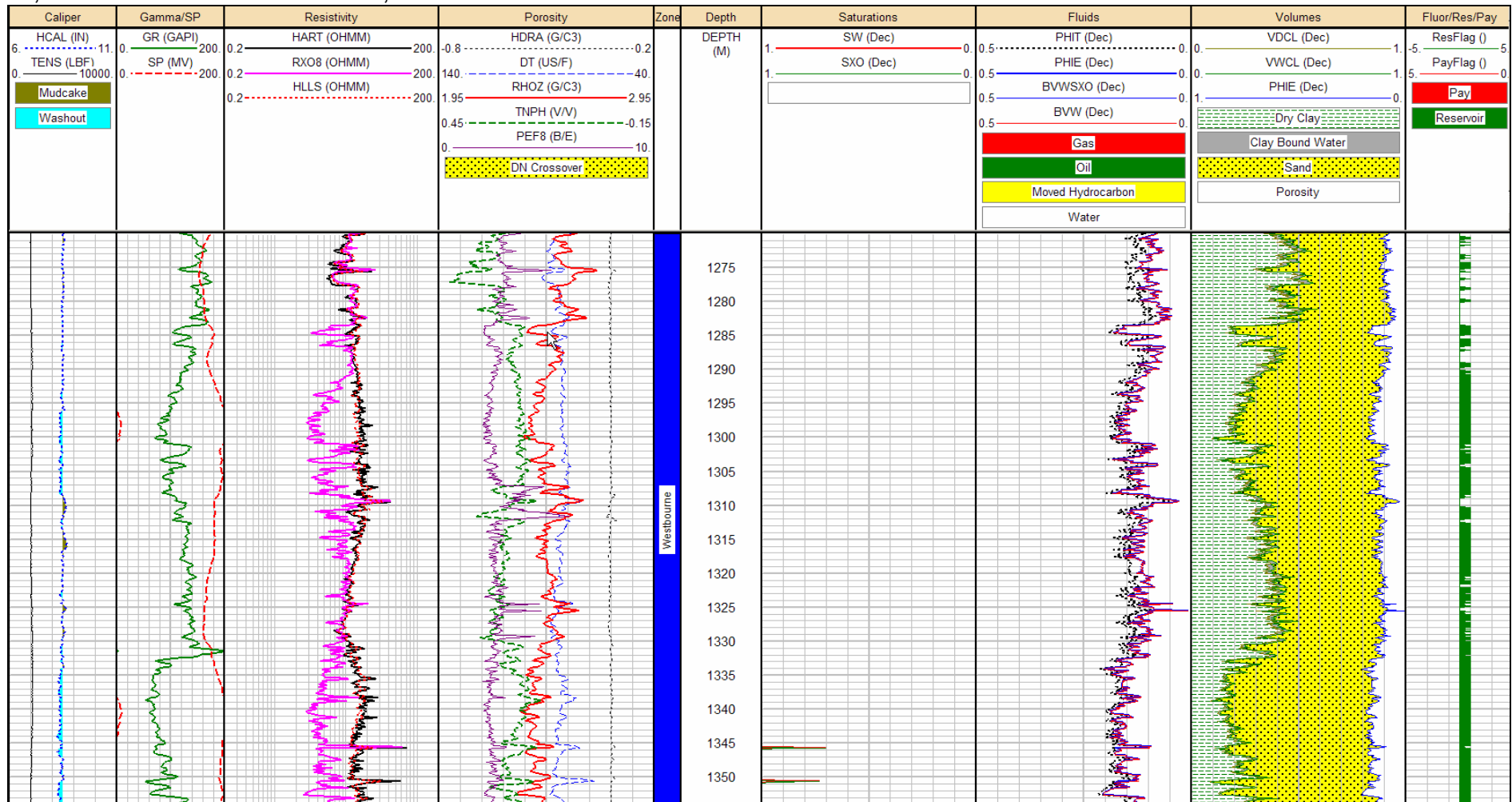
Table of Contents

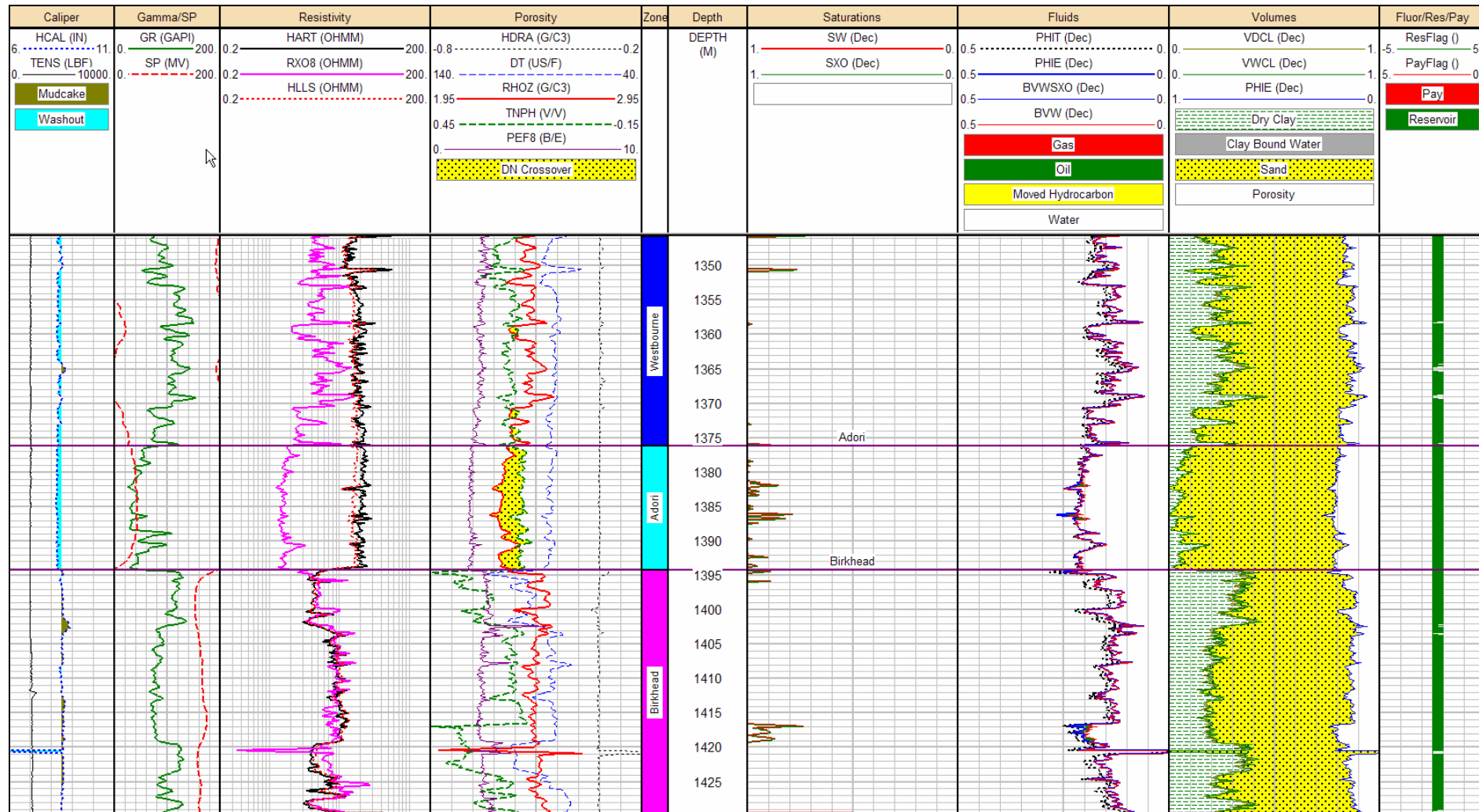
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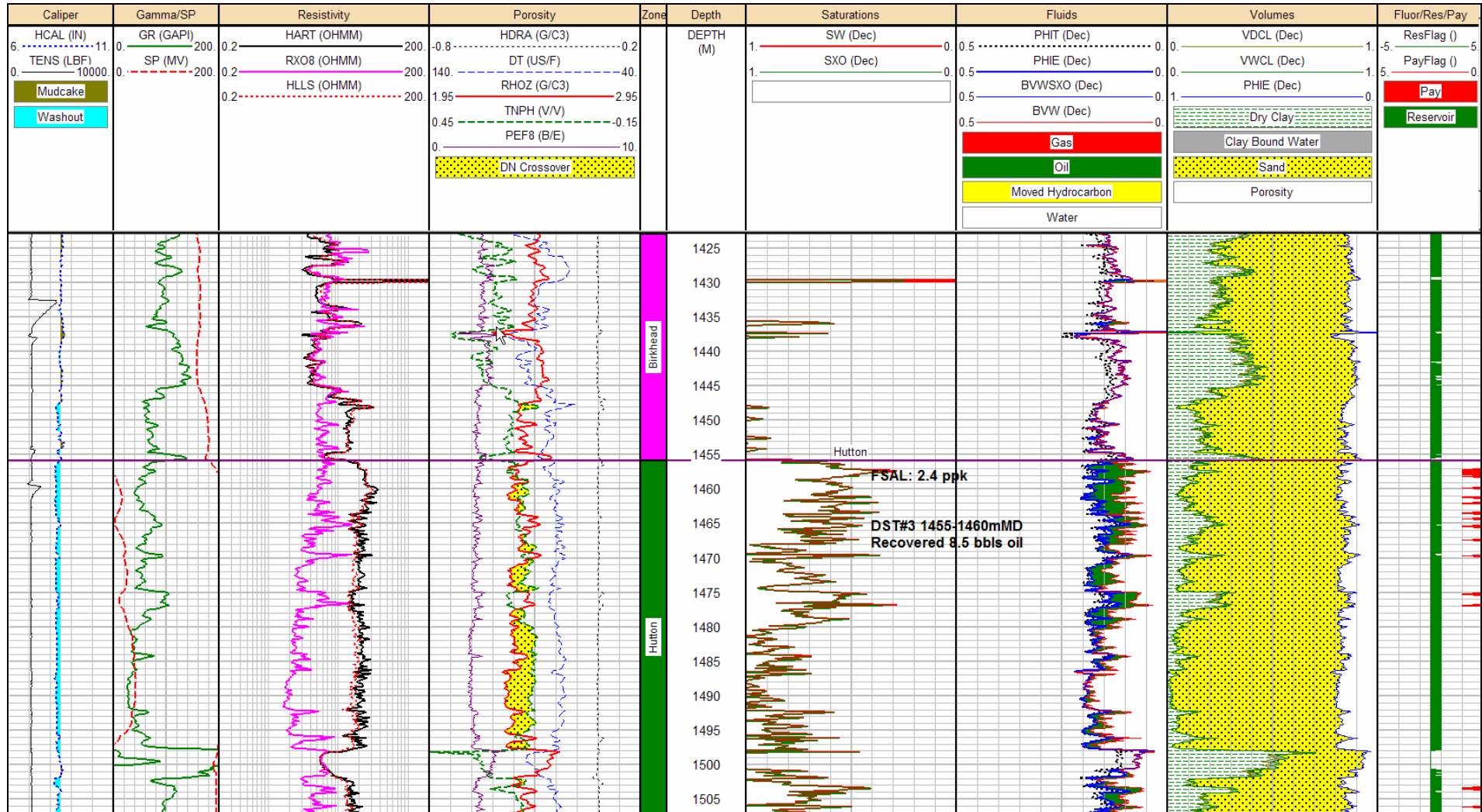


Results

Figure 2, Formation Evaluation Results, 1:500









Methodology

High resolution logs were recorded in open hole from TD to surface. This data was used to analyse Bodalla South-18 using the Schlumberger evaluation package, Interactive Petrophysics (IP*). This graphically interactive package uses deterministic methods to quickly evaluate acquired log data.

General Information

The following general information and parameters were taken from field logs and tapes:

Well Data

Company Name	Beach Petroleum	CN
Well Name	Bodalla South-18	WN
Field Name	Bodalla South	FN
Rig:	Hunt Rig 2	CLAB, COUN
State:	Queensland	SLAB, STAT
Nation	Australia	NATI
Field Location	Bodalla South 3D Survey InLine 425 Xline 187	FL
Longitude	143 25' 10.11" E	LONG
Latitude	26 26' 39.50" S	LATI
Maximum Hole Deviation	5.25 (deg)	MHD
Elevation of Kelly Bushing	3.8 (m)	EKB
Elevation of Ground Level	150.0 (m)	EGL
Elevation of Derrick Floor	3.8 (m)	EDF
Permanent Datum	AHD	Elevation of Permanent Datum 0.0 (m) PDAT, EPD
Log Measured From	AHD	Above Permanent Datum 3.8 (m) LMF, APD
Drilling Measured From	AHD	DMF

Absent Valued Parameters: CN1, SECT, TOWN, RANG

Job Data



Date as Day-Month-Year	10-Aug-2007		DATE
Run Number	1		RUN
Total Depth - Driller	1524.0 (m)		TDD
Total Depth - Logger	1523.0 (m) HUD		TDL
Bottom Log Interval	1520.7 (m)		BLI
Top Log Interval	25.0 (m)		TLI
Current Casing Size	9.625 (in)		CSIZ
Casing Weight	36.0 (lbm/ft)		CWEI
Bit Size	8.50 (in)		BS
Bit Size Depth To	(m)		BSDT
Date Logger At Bottom	10-Aug-2007	Time Logger At Bottom	11:20
Logging Unit Number	3061	Logging Unit Location	AUMB
Engineer's Name	Jose Filho		ENGI
Witness's Name	Mr. Peter Morris		WITN

Absent Valued Parameters: CDF, CADT

Mud Data

Drilling Fluid Type	KCl Polymer		DFT
Drilling Fluid Density	9.6 (lb/g)	Drilling Fluid Viscosity	41.0 (s)
Drilling Fluid Loss	6.8 (cm3)	Drilling Fluid PH	9.0
Borehole Salinity	28,000 (ppm)		BSAL
Mud Sample Source	Pit		MSS
Resistivity of Mud Sample	0.240 (ohm.m)	Mud Sample Temperature	25.0 (degC)
Resistivity of Mud Filtrate Sample	0.194 (ohm.m)	Mud Filtrate Sample Temperature	25.4 (degC)
Resistivity of Mud Cake Sample	0.225 (ohm.m)	Mud Cake Sample Temperature	24.9 (degC)
Resistivity of Mud - BHT	0.102 (ohm.m)		RMB
Resistivity of Mud Filtrate - BHT	0.083 (ohm.m)		RMFB
Maximum Recorded Temperature	88.0 (degC)		MRT
Maximum Recorded Temperature 1	88.0 (degC)		MRT1
Maximum Recorded Temperature 1	88.0 (degC)		MRT2
Date Circulation Stopped	10-Aug-2007	Time Circulation Stopped	4:10
Date Logger At Bottom	10-Aug-2007	Time Logger At Bottom	11:20

Absent Valued Parameters: MRT3

PVT Data

Borehole Salinity	28,000 (ppm)		BSAL
-------------------	--------------	--	------



Absent Valued Parameters: ODEN, GGRA, BO, BW, IBG, BPP, BPT, SGOR

Log Quality

Logs over entire section are of good quality. HDRA is very small and hole appears to be in good shape. All curves were recorded in the same run, and therefore no depth matching is expected to be required. There were no tension overpulls recorded in zones of interest, resulting in good quality logs and no depth mismatch.

Environmental Corrections

All corrections for neutron were done in the field, excluding formation salinity. This was computed inside the evaluation software (IP), as it is dependent on saturations.

Borehole corrections were done in the field for the resistivity. R_t (HART) was calculated in the field using tornado chart type corrections

R_{xo} , R_{XOZ} / R_{XO8} data is computed using a borehole model, and therefore is correct when recorded.

Density, $RHOZ$, $RHO8$ data is corrected using borehole shape (BS) and the PEF corrected for barite when recorded.

Gamma ray, ECGR data is corrected for hole size (from caliper) and mud weight in the field, thus no further correction was applied.

R_t Determination

HART was used as R_t .

R_w Determination

The R_w 's were interpreted from the logs and were used for the saturation computations. No reliable water samples were available from the DST results.

1. The R_w for Hutton to Birkhead was taken as 2.4ppk and was determined in the water leg of the Hutton.
2. The R_w for the Adori to Westbourne was taken as 1.9ppk from logs

Vclay Determination

Vclay was determined using:



1. Density-Neutron and GR indicators

CLAY VOLUME PARAMETERS

Input Curves				
Gamma Ray	: EHGR	Neu/Den Density	: RHO8	
Neu/Den Neutron	: HTNP			
Output Curves				
Vclay Gamma Ray	: VCLGR	Vclay Neu/Den	: VCLND	
Vclay minimum	: VCL	Vclay average	: VCLAV	
Zone number 1 Westbourne Top : 1268.00 Bottom : 1376.20				
Gr Use	: Yes	Gr Clean	: 21.9	Gr Clay : 298.
Gr Method	: Linear	ND Use	: Yes	ND Neu Clay : 0.478
ND Den Clay	: 2.65	ND Den Clean1	: 2.65	ND Den Clean2 : 2.05
ND Neu Clean1	: -0.04	ND Neu Clean2	: 0.3	
Zone number 2 Adori Top : 1376.20 Bottom : 1394.20				
Gr Use	: Yes	Gr Clean	: 21.9	Gr Clay : 298.
Gr Method	: Linear	ND Use	: Yes	ND Neu Clay : 0.478
ND Den Clay	: 2.65	ND Den Clean1	: 2.65	ND Den Clean2 : 2.05
ND Neu Clean1	: -0.04	ND Neu Clean2	: 0.3	
Zone number 3 Birkhead Top : 1394.20 Bottom : 1455.80				
Gr Use	: Yes	Gr Clean	: 21.9	Gr Clay : 298.
Gr Method	: Linear	ND Use	: Yes	ND Neu Clay : 0.478
ND Den Clay	: 2.65	ND Den Clean1	: 2.65	ND Den Clean2 : 2.05
ND Neu Clean1	: -0.04	ND Neu Clean2	: 0.3	
Zone number 4 Hutton Top : 1455.80 Bottom : 1524.00				
Gr Use	: Yes	Gr Clean	: 21.9	Gr Clay : 298.
Gr Method	: Linear	ND Use	: Yes	ND Neu Clay : 0.489
ND Den Clay	: 2.641	ND Den Clean1	: 2.65	ND Den Clean2 : 2.05
ND Neu Clean1	: -0.04	ND Neu Clean2	: 0.3	

Lithology Determination

Lithology was assumed to be sand and clay, using the parameters above.

Coals were interpreted manually in zones where the density goes low and neutron porosity and sonic goes high.

Saturation

Saturation was calculated using the Dual Water equation:

$$1/R_t = \Phi T^{**m} \cdot S_w T^{**n} / a \cdot (1/R_w + S_w b / S_w T (1/R_w b - 1/R_w))$$

Cementation exponent “m” is the Shell equation in the IP software. “m” increases with decreasing PHIE. The saturation exponent “n” is 1.9.

Porosity

Porosity is calculated using the neutron-density in the IP software.



Cutoff

Cutoffs used were:
Vclay of 50%, PHIE < 10% and Sw < 50% was used

Assumptions

1. Mineral model of sand, clay.
2. m is variable and n assumed to be 1.9

Deliverables

Main Outputs

The following main outputs were delivered with the digital data:

#MNEM	UNIT	API CODE	Description
DEPTH	.M		:
BVW	.Dec		: Bulk Volume water (Phie x SW)
BVWSXO	.Dec		: Bulk Volume water Invaded Zone (Phie x Sxo)
PayFlag	.		: Pay Flag
PayH	.		: Pay Height
PHIE	.Dec		: Effective Porosity
PHIT	.Dec		: Total Porosity
ResFlag	.		: Reservoir Flag
ResH	.		: Reservoir Height
SW	.Dec		: Water Saturation
SWT	.Dec		: Total Water Saturation
SXO	.Dec		: Saturation Invaded Zone
SXOT	.Dec		: Total Saturation Invaded Zone
VCL	.Dec		: Clay Volume

The following deliverables are produced from this processing:

1. Evaluation report (PDF)
2. Evaluation graphics, 1:500 (GIF),
3. LAS outputs of evaluation
4. Cutoffs and evaluation parameters (TXT)

Evaluation Parameters



The following parameters were used for the interpretation:

POROSITY WATER SATURATION PARAMETERS

Well : Bodalla South-18
Date : 08/31/2007 15:30:38

Input Curves			
Neutron	: HTNP	Density	: RHO8
Sonic	: DT	PEF	: PEF8
Clay Volume	: VCL	Rt	: HART
Rxo	: RXO8	Temperature	: HTEM
Output Curves			
Phi Total	: PHIT	Phi effective	: PHIE
Sw	: SW	Sw unlimited	: SWU
Sw total	: SWT	Sw total unlim	: SWTU
Sxo	: SXO	Sxo unlimited	: SXOU
Sxo total	: SXOT	Sxo total unlim	: SXOTU
Bulk vol water	: BVW	Bulk vol flushed	: BVWSXO
Wet clay volume	: VWCL	Dry Clay volume	: VDCL
Bound water sat	: SWB	Volume silt	: VSILT
Volume fines	: VFINES	Logic flag	: PHIFLAG
Matrix density	: RHOMA	Sonic matrix	: DTMA
Coal Volume	: VCOAL	Salt volume	: VSALT
m fom EPT/MSFL	: Mvar	Hydrocarbon den	: RHOHY
Mineral 1 Volume	: VSand	Mineral 2 Volume	: Vlime
Mineral 3 Volume	: VDol	Rho Mat apparent	: RHOMAPP
DT Mat apparent	: DTMAPP	U Mat apparent	: UMAPP
Secondary Phi	: PHISEC	Sec Phi unlimited	: RHOHY

Multi-mineral analysis
3 mineral used : Sand Lime Dol

Zone number 1 Westbourne Top : 1268.00 Bottom : 1376.20

Rw	: 3.32	Rw Temp	: 15.5	Rmf	: 0.1
Rmf Temp	: 15.5	Rw bound	: 0.96	Rwb Temp	: 15.5
Rmf bound	: 0.1	Rmfb Temp	: 15.5	Rho Sxo zone	:
Salin Sxo zone	:	Rho Wet Clay	: 2.65	Rho Dry Clay	: 2.78
Neu Wet Clay	: 0.478	Sonic Wet Clay	: 95.	Hc Den	: 0.8
Neu Hc HI	:	Den Hc app	:	GD source	: Mlt-Mins
Rho GD	: 2.65	Rho GD max	: 2.95	Rho GD min	: 2.51
Sonic Equ	: Wyllie	Sonic water	: 189.	Sonic Cp	: 1.
Neu Form Sal	: Yes	Neu Log Cont	: Schlumb	Neu Tool Type	: CNL
Porosity Method	: Neu Den	Variable Hc Den	: No	Variable GD	: Yes
Variable Vcl	: No	Mineral Model	: ss/ls/dol	OBM ?	: No
Phi max	: 0.3	Delta Phi max	: 0.15	m vari wth Vcl	: No
Vcl cutoff	: 0.6	Sxo Limit ?	: Yes	Sxo Limit	: 0.2
Sat Equation	: Dual water	a factor	: 1.	m exponent	: 1.8
n exponent	: 1.9	Sxo Method	: Rxo	m source	: Shell
n source	: Param	Coal Logic	: No	Salt Logic	: No
PhiT Clay	:	Model Type	: U/Rho	Sand Umat	: 4.8
Lime Umat	: 13.8	Dol Umat	: 9.	Sand RhoMat	: 2.65
Lime RhoMat	: 2.71	Dol RhoMat	: 2.85	Sand Rho True	: 2.65
Lime Rho True	: 2.71	Dol Rho True	: 2.85	Sand DT True	: 55.5
Lime DT True	: 49.	Dol DT True	: 44.	Clay Corr Input	: Yes
Sand Clay ?	: No	Lime Clay ?	: No	Dol Clay ?	: No
Pef Clay	: 3.	Phie Sw Limit	: 0.	Phie Limit	: 0.
Vcl Limit	: 1.				

Zone number 2 Adori Top : 1376.20 Bottom : 1394.20

Rw	: 3.32	Rw Temp	: 15.5	Rmf	: 0.1
Rmf Temp	: 15.5	Rw bound	: 0.96	Rwb Temp	: 15.5
Rmf bound	: 0.1	Rmfb Temp	: 15.5	Rho Sxo zone	:
Salin Sxo zone	:	Rho Wet Clay	: 2.65	Rho Dry Clay	: 2.78
Neu Wet Clay	: 0.478	Sonic Wet Clay	: 95.	Hc Den	: 0.8
Neu Hc HI	:	Den Hc app	:	GD source	: Mlt-Mins
Rho GD	: 2.65	Rho GD max	: 2.95	Rho GD min	: 2.51
Sonic Equ	: Wyllie	Sonic water	: 189.	Sonic Cp	: 1.
Neu Form Sal	: Yes	Neu Log Cont	: Schlumb	Neu Tool Type	: CNL
Porosity Method	: Neu Den	Variable Hc Den	: No	Variable GD	: Yes



Variable Vcl	: No	Mineral Model	: ss/ls/dol	OBM ?	: No
Phi max	: 0.3	Delta Phi max	: 0.15	m vari wth Vcl	: No
Vcl cutoff	: 0.6	Sxo Limit ?	: Yes	Sxo Limit	: 0.2
Sat Equation	: Dual water	a factor	: 1.	m exponent	: 1.8
n exponent	: 1.9	Sxo Method	: Rxo	m source	: Shell
n source	: Param	Coal Logic	: No	Salt Logic	: No
PhiT Clay	:	Model Type	: U/Rho	Sand Umat	: 4.8
Lime Umat	: 13.8	Dol Umat	: 9.	Sand RhoMat	: 2.65
Lime RhoMat	: 2.71	Dol RhoMat	: 2.85	Sand Rho True	: 2.65
Lime Rho True	: 2.71	Dol Rho True	: 2.85	Sand DT True	: 55.5
Lime DT True	: 49.	Dol DT True	: 44.	Clay Corr Input	: Yes
Sand Clay ?	: No	Lime Clay ?	: No	Dol Clay ?	: No
Pef Clay	: 3.	Phie Sw Limit	: 0.	Phie Limit	: 0.
Vcl Limit	: 1.				

Zone number 3 Birkhead Top : 1394.20 Bottom : 1455.80

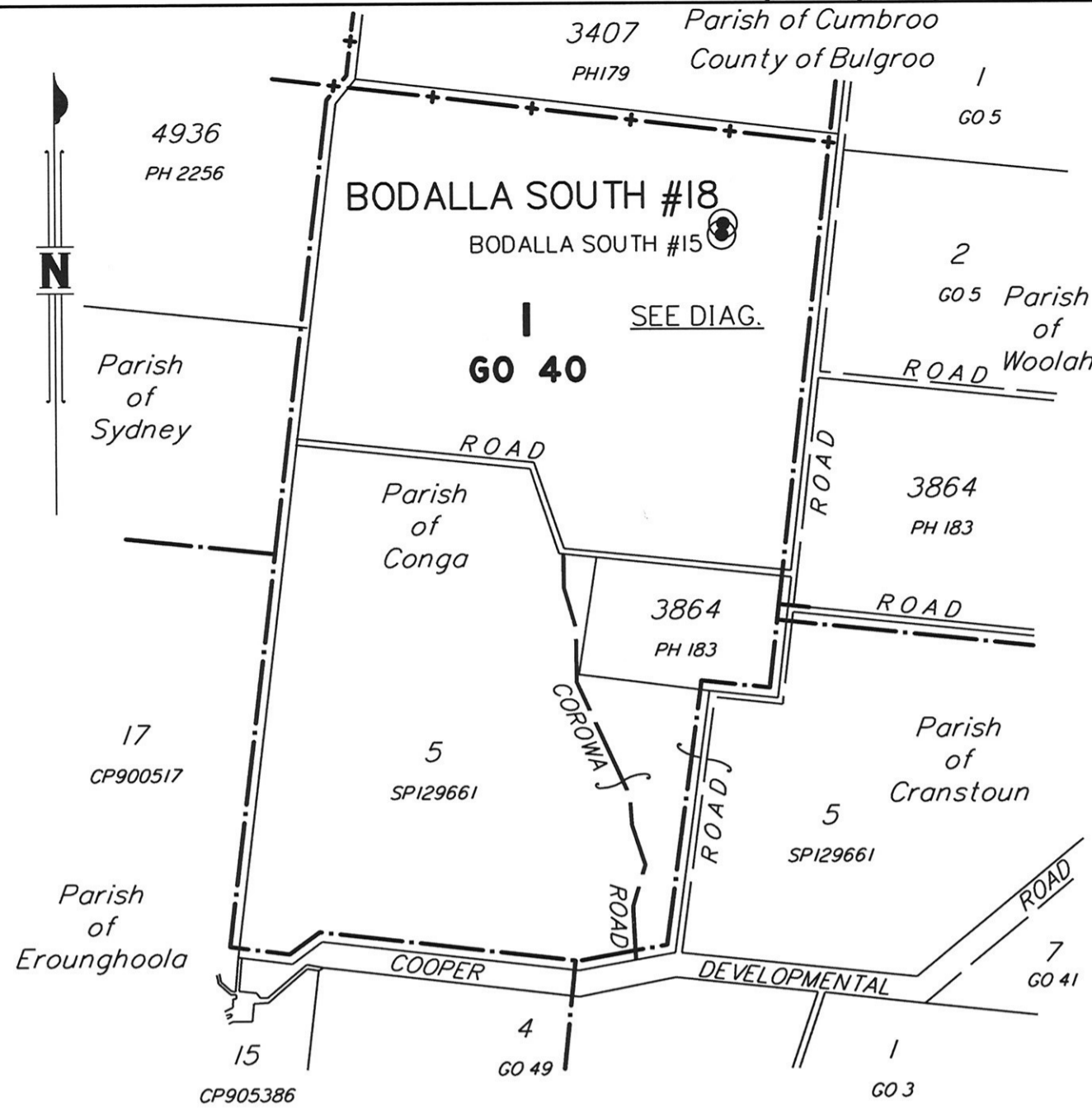
Rw	: 2.63	Rw Temp	: 15.5	Rmf	: 0.1
Rmf Temp	: 15.5	Rw bound	: 0.201	Rwb Temp	: 15.5
Rmf bound	: 0.1	Rmfb Temp	: 15.5	Rho Sxo zone	:
Salin Sxo zone	:	Rho Wet Clay	: 2.65	Rho Dry Clay	: 2.78
Neu Wet Clay	: 0.478	Sonic Wet Clay	: 95.	Hc Den	: 0.8
Neu Hc HI	:	Den Hc app	:	GD source	: Mlt-Mins
Rho GD	: 2.65	Rho GD max	: 2.95	Rho GD min	: 2.51
Sonic Equ	: Wyllie	Sonic water	: 189.	Sonic Cp	: 1.
Neu Form Sal	: Yes	Neu Log Cont	: Schlumb	Neu Tool Type	: CNL
Porosity Method	: Neu Den	Variable Hc Den	: No	Variable GD	: Yes
Variable Vcl	: No	Mineral Model	: ss/ls/dol	OBM ?	: No
Phi max	: 0.3	Delta Phi max	: 0.15	m vari wth Vcl	: No
Vcl cutoff	: 0.6	Sxo Limit ?	: Yes	Sxo Limit	: 0.2
Sat Equation	: Dual water	a factor	: 1.	m exponent	: 1.8
n exponent	: 1.9	Sxo Method	: Rxo	m source	: Shell
n source	: Param	Coal Logic	: Yes	Rho Coal	: 2.1
Neu Coal	: 0.3	DT Coal	: 90.	Salt Logic	: No
PhiT Clay	:	Model Type	: U/Rho	Sand Umat	: 4.8
Lime Umat	: 13.8	Dol Umat	: 9.	Sand RhoMat	: 2.65
Lime RhoMat	: 2.71	Dol RhoMat	: 2.85	Sand Rho True	: 2.65
Lime Rho True	: 2.71	Dol Rho True	: 2.85	Sand DT True	: 55.5
Lime DT True	: 49.	Dol DT True	: 44.	Clay Corr Input	: Yes
Sand Clay ?	: No	Lime Clay ?	: No	Dol Clay ?	: No
Pef Clay	: 3.	Phie Sw Limit	: 0.	Phie Limit	: 0.
Vcl Limit	: 1.				

Zone number 4 Hutton Top : 1455.80 Bottom : 1524.00

Rw	: 2.63	Rw Temp	: 15.5	Rmf	: 0.1
Rmf Temp	: 15.5	Rw bound	: 0.104	Rwb Temp	: 15.5
Rmf bound	: 0.1	Rmfb Temp	: 15.5	Rho Sxo zone	:
Salin Sxo zone	:	Rho Wet Clay	: 2.641	Rho Dry Clay	: 2.78
Neu Wet Clay	: 0.489	Sonic Wet Clay	: 95.	Hc Den	: 0.8
Neu Hc HI	:	Den Hc app	:	GD source	: Mlt-Mins
Rho GD	: 2.65	Rho GD max	: 2.95	Rho GD min	: 2.51
Sonic Equ	: Wyllie	Sonic water	: 189.	Sonic Cp	: 1.
Neu Form Sal	: Yes	Neu Log Cont	: Schlumb	Neu Tool Type	: CNL
Porosity Method	: Neu Den	Variable Hc Den	: No	Variable GD	: Yes
Variable Vcl	: No	Mineral Model	: ss/ls/dol	OBM ?	: No
Phi max	: 0.3	Delta Phi max	: 0.15	m vari wth Vcl	: No
Vcl cutoff	: 0.6	Sxo Limit ?	: Yes	Sxo Limit	: 0.2
Sat Equation	: Dual water	a factor	: 1.	m exponent	: 1.8
n exponent	: 1.9	Sxo Method	: Rxo	m source	: Shell
n source	: Param	Coal Logic	: No	Salt Logic	: No
PhiT Clay	:	Model Type	: U/Rho	Sand Umat	: 4.8
Lime Umat	: 13.8	Dol Umat	: 9.	Sand RhoMat	: 2.65
Lime RhoMat	: 2.71	Dol RhoMat	: 2.85	Sand Rho True	: 2.65
Lime Rho True	: 2.71	Dol Rho True	: 2.85	Sand DT True	: 55.5
Lime DT True	: 49.	Dol DT True	: 44.	Clay Corr Input	: Yes
Sand Clay ?	: No	Lime Clay ?	: No	Dol Clay ?	: No
Pef Clay	: 3.	Phie Sw Limit	: 0.	Phie Limit	: 0.
Vcl Limit	: 1.				

MP

MP



DISTANCES ARE GRID.

Co-ordinates and Levels obtained by RTK GPS traverse from Bodalla South #14 BM1

Bench Marks are deep driven Iron Star Pickets with Witness posts

GEOGRAPHIC CO-ORDINATES (AGD-84)

STN	LATITUDE	LONGITUDE
3	S 26°26'45".0182	E 143°25'05".7881

DERIVED M.G.A. CO-ORDINATES (GDA-94)

STATION	EASTING	NORTHING	ZONE
1	741 029.882	7 073 232.896	54
2	741 180.642	7 072 839.673	54
3	741 260.644	7 072 841.178	54
4	741 304.092	7 072 794.321	54
5	741 745.967	7 072 471.829	54
6	741 963.349	7 072 437.311	54
7	741 846.226	7 072 266.604	54
8	741 994.480	7 071 279.353	54

GEOGRAPHIC CO-ORDINATES (GDA-94)

STN	LATITUDE	LONGITUDE
1	S 26°26'26".9216	E 143°25'01".5106
2	S 26°26'39".6000	E 143°25'07".2162
3	S 26°26'39".5023	E 143°25'10".1014
4	S 26°26'40".9975	E 143°25'11".7006
5	S 26°26'51".2005	E 143°25'27".8614
6	S 26°26'52".1883	E 143°25'35".7275
7	S 26°26'57".8040	E 143°25'31".6182
8	S 26°27'29".7753	E 143°25'37".6395

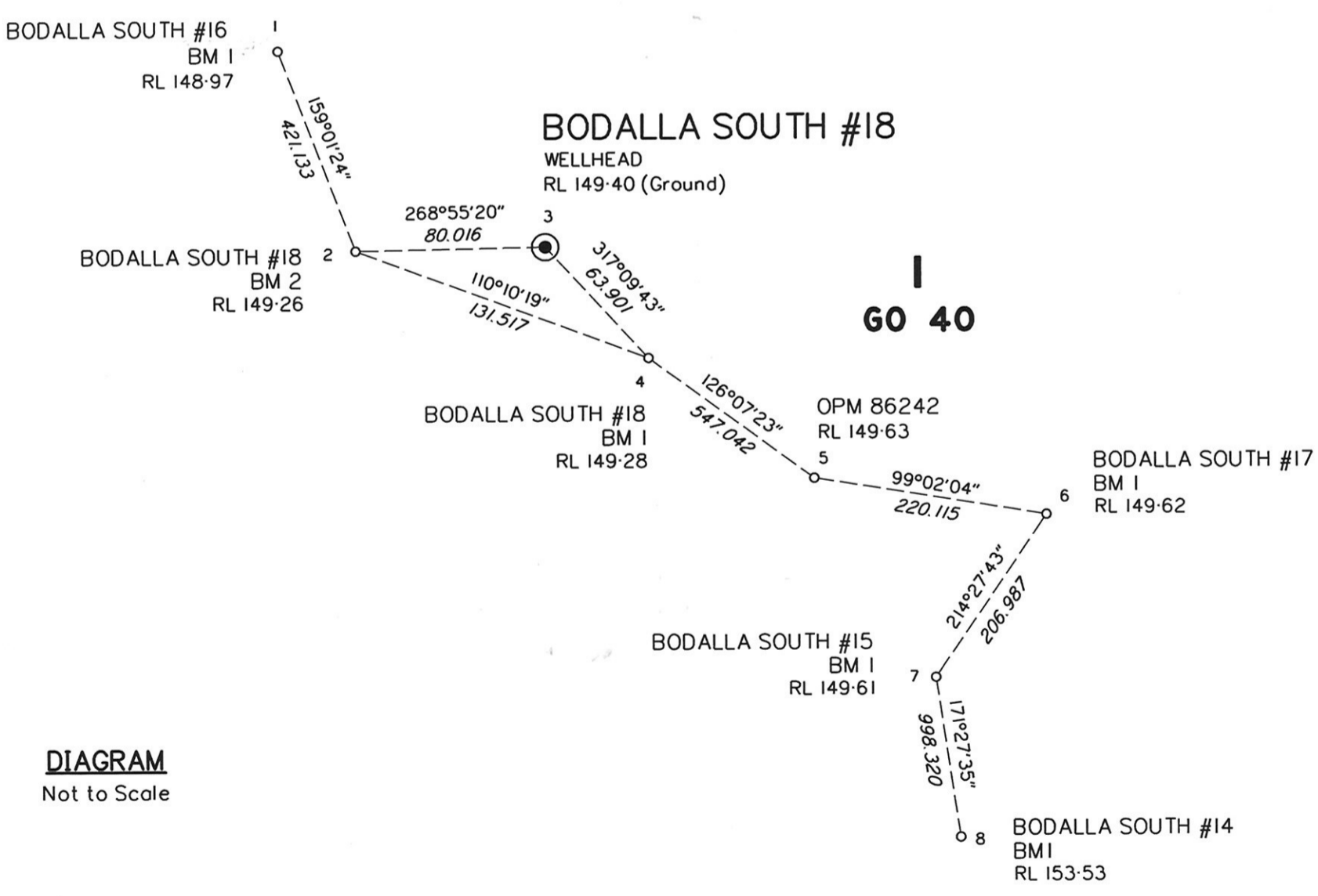


DIAGRAM
Not to Scale

I, Dennis Michael LEE hereby certify that I have/for the Company has surveyed the location of the petroleum well as shown on this plan, that the survey was performed in accordance with the Petroleum and Gas (Production and Safety) Act 2004 and associated Regulations and Standards and achieves the accuracies of the Standards and the survey was completed on 12/12/2007.

[Signature]

Signature of Surveyor

Date 10.01.2008

LOCALITY <i>Eromanga</i>		MINING RESOURCES PLAN OF <i>Bodalla South #18</i>	
Approx. LAT. S 26°26'40" LONG. E 143°25'10"		PARISH..... CONGA	
FIELD NOTES LODGED		COUNTY..... Gordon	
DRAWN BY JAH 7071/25/3		MINING DISTRICT..... Brisbane	
MERIDIAN MGA		SCALE 1:200000	MP

CATALOGUED	APPROVED	REGISTERED	Chief Surveyor
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MP

CASING AND CEMENTING REPORT

WELL: Bodalla Sth 18

SUPERVISOR: Gary Mogg

DATE: 6/08/2007

CASING DETAILS

Size (") Weight (ppf) Grade Landed depth (mRT) Av. Length Collapse (psi) Burst (psi)

Joints on location No. of joints run Joints in shoe track Float shoe (Y/N) Float collar (Y/N)

Final displ. (psi) Buoyed wt. (kLb) Set weight (kLb) Displ. (Bbls) Coupling

PRE JOB CIRCULATION

Pump 1 (spm) Pump 2 (spm) Pressure Time (mins) Vol. Pumped (Bbls) Mud wt (ppg)

PRE-FLUSH

Volume (Bbls) Wt(ppg) Hyd. Loss (psi) Additives: Kg Kg

TAIL SLURRY

Wt(ppg) Class Volume (Bbls) Yield Sacks Water (g/sx) Water (Bbls) Design top

OH/Cal Excess (%) Hole size (") Mix (bpm) Mix (psi) Start Finish

Additives: % gals lb

% gals lb

LEAD SLURRY

Wt(ppg) Class Volume (Bbls) Yield Sacks Water (g/sx) Water (Bbls) Design top

OH/Cal Excess (%) Hole size (") Mix (bpm) Mix (psi) Start Finish

Additives: % gals lb

% gals lb

DISPLACEMENT

Fluid type Wt Calculated (Bbls) Pumped (Bbls) Bump pressure (psi) Used (Rig/Unit)

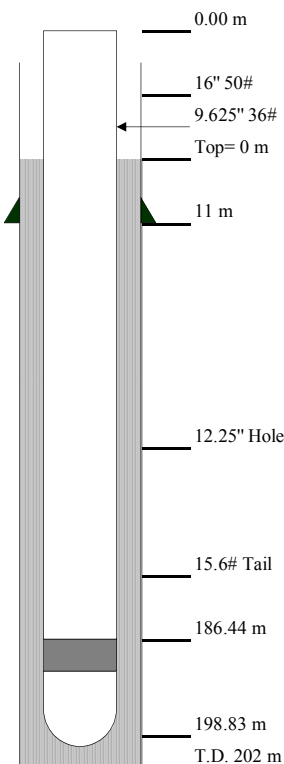
Time: Start Finish Returns (%) Top plug (Y/N) Bottom plug (Y/N) Floats held (Y/N)

Pressure (psi) Initial final max min Rate (bpm) Initial final max min

LOT / FIT

OMW (ppg) FIT (ppg) FIT Pressure (psi) Test pressure (psi) EMW (ppg)

CASING RUN LIST



QTY	DESCRIPTION	LENGTH	FROM	TO
1	9-5/8" Guide Shoe w/- Bt&c thread	0.36	198.47	198.83
1	9-5/8" k-55x 36lb/ft Bt&c	11.68	186.79	198.47
1	9-5/8" Float Collar w/- Bt&c thread	0.35	186.44	186.79
16	9-5/8" k-55 x 36lb/ft Bt&c	181.94	4.50	186.44
1	9-5/8" k-55 x 36lb/ft Bt&c Landing Jt	4.50	0.00	4.50

COMMENTS

Ran Tail slurry only with volumes as required at 15.6ppg

Displaced and bumped Plug with 2000psi and pressure tested the casing for 10 minutes, okay.

Float held okay with .5bbl bleed back.

15 bbl cement returns and carried out 10bbl cement top-up due to mousehole washing out

CIP @ 05:22hrs.

CASING AND CEMENTING REPORT

WELL: Bodalla Sth 18

SUPERVISOR: Gary Mogg

DATE: 16/08/2007

CASING DETAILS

Size (")	<input type="text" value="7"/>	Weight (ppf)	<input type="text" value="23"/>	Grade	<input type="text" value="K-55"/>	Landed depth (mRT)	<input type="text" value="1518.4"/>	Av. Length	<input type="text" value="11.76"/>	Collapse (psi)	<input type="text" value="3270"/>	Burst (psi)	<input type="text" value="4360"/>
Joints on location	<input type="text" value="130"/>	No. of joints run	<input type="text" value="129"/>	Joints in shoe track	<input type="text" value="1"/>	Float shoe (Y/N)	<input type="text" value="Y"/>	Float collar (Y/N)	<input type="text" value="Y"/>				
Final displ. (psi)	<input type="text" value="1711"/>	Buoyed wt. (kLb)	<input type="text" value="100"/>	Set weight (kLb)	<input type="text" value="34"/>	Displ. (Bbls)	<input type="text" value="42"/>	Coupling <input type="text" value="Bt&c"/>					

PRE JOB CIRCULATION

Pump 1 (spm)	<input type="text"/>	Pump 2 (spm)	<input type="text" value="50"/>	Pressure	<input type="text" value="500"/>	Time (mins)	<input type="text" value="50"/>	Vol. Pumped (Bbls)	<input type="text" value="413"/>	Mud wt (ppg)	<input type="text" value="8.5"/>
--------------	----------------------	--------------	---------------------------------	----------	----------------------------------	-------------	---------------------------------	--------------------	----------------------------------	--------------	----------------------------------

PRE-FLUSH

Volume (Bbls)	<input type="text" value="30"/>	Wt(ppg)	<input type="text" value="9.60"/>	Hyd. Loss (psi)	<input type="text" value="-17"/>	Additives:	<input type="text" value="135"/>	Kg	<input type="text"/>	Sapp	<input type="text"/>	Kg	<input type="text"/>
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TAIL SLURRY

Wt(ppg)	<input type="text" value="15.8"/>	Class	<input type="text" value="G"/>	Volume (Bbls)	<input type="text" value="20"/>	Yield	<input type="text" value="1.16"/>	Sacks	<input type="text" value="95"/>	Water (g/sx)	<input type="text" value="5.04"/>	Water (Bbls)	<input type="text" value="11"/>	Design top	<input type="text" value="1292"/>
OH/Cal	<input type="text" value="OH"/>	Excess (%)	<input type="text" value="10"/>	Hole size (")	<input type="text" value="8.5"/>	Mix (bpm)	<input type="text" value="3.5"/>	Mix (psi)	<input type="text" value="260"/>	Start	<input type="text" value="07:08"/>	Finish	<input type="text" value="07:17"/>		
Additives:	<input type="text" value="0.6"/>	%	<input type="text" value="Halad-413"/>	<input type="text" value="79lb"/>	gals	<input type="text" value="Hr-5 = 0.03%"/>	<input type="text" value="3"/>	lb	<input type="text"/>						
	<input type="text" value="0.2"/>	%	<input type="text" value="Halad-334"/>	<input type="text" value="18lb"/>	gals	<input type="text" value="NF-6 = 1Gal"/>	<input type="text"/>	lb	<input type="text"/>						

LEAD SLURRY

Wt(ppg)	<input type="text" value="15.8"/>	Class	<input type="text" value="G"/>	Volume (Bbls)	<input type="text" value="96"/>	Yield	<input type="text" value="2.72"/>	Sacks	<input type="text" value="200"/>	Water (g/sx)	<input type="text" value="16.64"/>	Water (Bbls)	<input type="text" value="79"/>	Design top	<input type="text" value="124"/>
OH/Cal	<input type="text" value="OH"/>	Excess (%)	<input type="text" value="10"/>	Hole size (")	<input type="text" value="8.5"/>	Mix (bpm)	<input type="text" value="3.5"/>	Mix (psi)	<input type="text" value="220"/>	Start	<input type="text" value="06:55"/>	Finish	<input type="text" value="07:10"/>		
Additives:	<input type="text" value="10.0"/>	%	<input type="text" value="Gel"/>	<input type="text" value="2200lb"/>	gals	<input type="text" value="Hr-7 = 0.4%"/>	<input type="text" value="88"/>	lb	<input type="text"/>						
	<input type="text" value="0.9"/>	%	<input type="text" value="Halad-344"/>	<input type="text" value="198lb"/>	gals	<input type="text" value="NF-6 = 1 Gal."/>	<input type="text"/>	lb	<input type="text"/>						

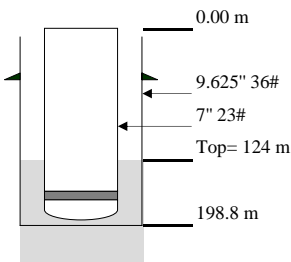
DISPLACEMENT

Fluid type	<input type="text" value="2%Kcl"/>	Wt	<input type="text" value="8.60"/>	Calculated (Bbls)	<input type="text" value="194"/>	Pumped (Bbls)	<input type="text" value="195.5"/>	Bump pressure (psi)	<input type="text" value="1260"/>	Used (Rig/Unit)	<input type="text" value="Unit"/>
Time: Start	<input type="text" value="07:32"/>	Finish	<input type="text" value="08:02"/>	Returns (%)	<input type="text" value="100"/>	Top plug (Y/N)	<input type="text" value="Y"/>	Bottom plug (Y/N)	<input type="text" value="Y"/>	Floats held (Y/N)	<input type="text" value="Y"/>
Pressure (psi)	Initial <input type="text" value="80"/>	final <input type="text" value="1260"/>	max <input type="text" value="2053"/>	min <input type="text" value="80"/>	Rate (bpm)	Initial <input type="text" value="8"/>	final <input type="text" value="3.5"/>	max <input type="text" value="8.4"/>	min <input type="text" value="2.0"/>		

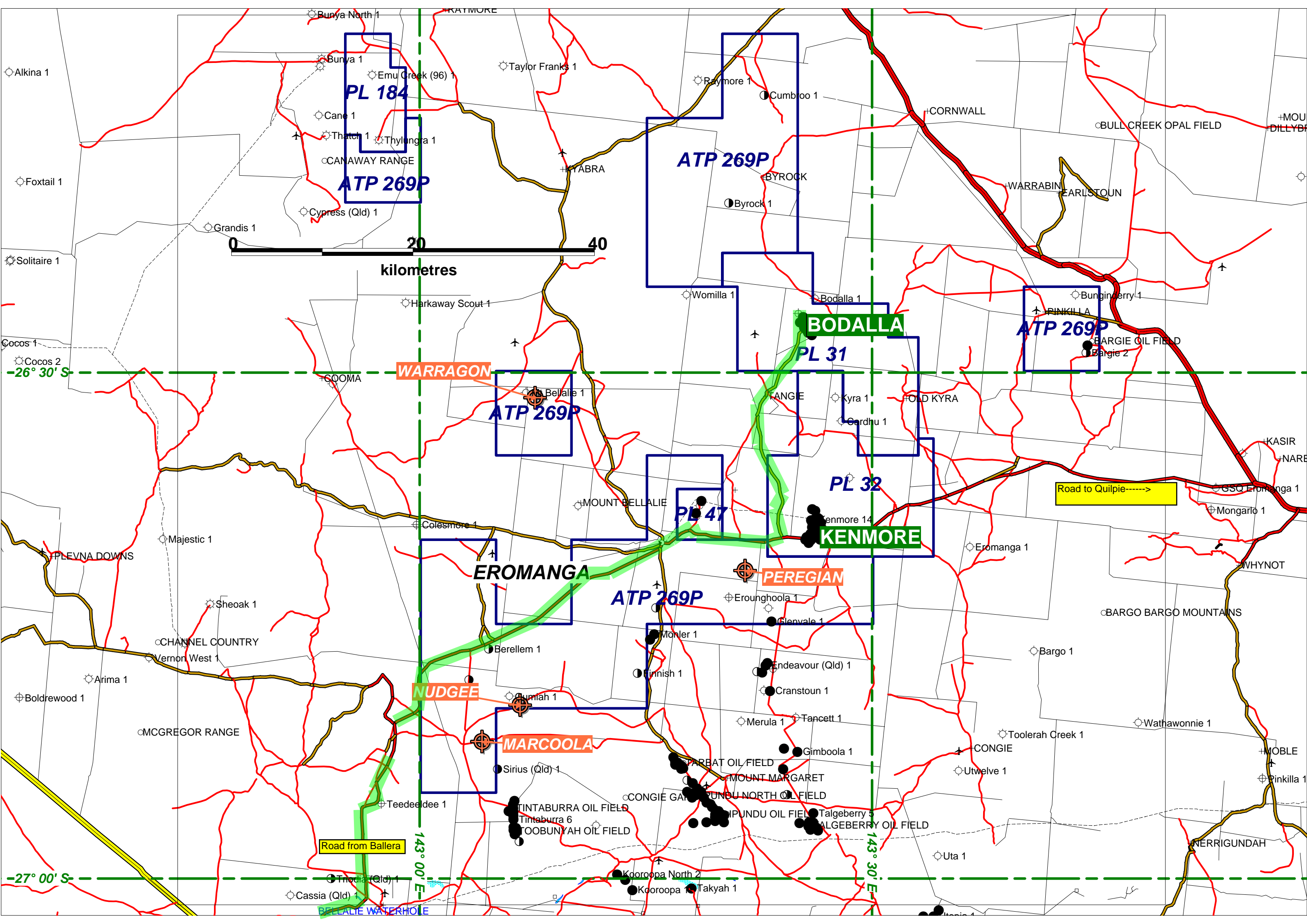
LOT / FIT

OMW (ppg)	<input type="text"/>	FIT (ppg)	<input type="text"/>	FIT Pressure (psi)	<input type="text" value="0"/>	Test pressure (psi)	<input type="text"/>	EMW (ppg)	<input type="text" value="0.00"/>
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CASING RUN LIST



QTY	DESCRIPTION	LENGTH	FROM	TO
1	7" Bt&c Float Shoe	0.40	1517.98	1518.38
1	7" x 23lb/ft k-55 Bt&c Casing	11.90	1506.08	1517.98
1	7" Bt&c Float Collar	0.32	1505.76	1506.08
3	7" x 23lb/ft k-55 Bt&c Casing	35.43	1470.33	1505.76
1	7" x 23lb/ft k-55 Bt&c Marker Joint	2.99	1467.34	1470.33
124	7" x 23lb/ft k-55 Bt&c Casing	1467.34	0.00	1467.34





DRILL STEM TEST DATA

WELL : Bodalla South 18

DST#1 Date: 11th August 2007 Formation : Birkhead
 Beach Rep : G Mogg / P. Morris Testing Co : DST Aust Tester : N.McElroy
 Test Interval (D) Test Type : Conventional Straddle
 Test Interval (L) 1444.01 – 1455.41m
 Hole size : 216mm. Test status: Valid.
 Mud Wt : 9.65 ppg Viscosity : 39 Chlorides : 19.5k Nitrates :
 Knock out sub depth : 1422.27m. Pump out sub depth : 1412.56m. Packer size : 7.5
 Other Equipment :
 Top packer : 1444.01m. Bottom Packer : 1455.41 Bottom Hole Choke : 1/2"
 Stick-up: 5.41m Calculated hydrostatic pressure : 2379 psi
 Hydrostatic cushion : N/A psi Time started in hole : 0400hrs
 Initial hydrostatic : (none) psi Time at testing depth : 07:00 hrs
 First flow : 5 minutes 27.94 psi to 33.38 psi
 First shut-in : 30 minutes 1755.2 psi Completely built-up : No
 Second flow : 60 minutes 31.8 psi to 50.78 psi
 Second shut-in : 90 minutes 1736.72 psi Completely built-up : No
 Final hydrostatic : 2384.57 psi Maximum recorded BHT : 197.8 deg Fine
 Recorder Number : (Weatherford 6888) Recorder depth : 1446.67 metres
 First Flow : No Blow
 Second Flow: : No Blow

Flow Rates :

Time	Choke	Pressure	Flow rate – Mcfd
	1/2"		TSTM
	1/2"		TSTM
	1/2"		TSTM
	1/2"		TSTM
	1/2"		
	1/2"		

Recovery : First returns to surface were observed @ 385 strokes which were 6 strokes short of empty string capacity. The fluid recorder indicated at 24 psi increase of the flow periods which equates to a 14.7 metre influx. This was rat hole mud with possibly some formation fluid/filtrate and trace/skim of oil. Resistivity of first returns to surface was 0.75 ohm-metres @75 deg F. Sample Chamber contained mud with skim of oil with mud resistivity of 0.3 ohm-metres @ 70 deg F. A possum belly mud sample was collected for comparison which had a resistivity of 0.34 ohm-metres @ 74 deg F.

Remarks : Formation appears very tight. No blow was observed at surface and it was difficult to determine whether the tool was open during test. Due to the confusion whether the tool was opened it was reset and opened again after 7 minutes. The gauges show that the tool did open on the first attempt and the second which explains the two apparent 'preflows' on the charts.

Geologists' Observations

04:00 hrs: Commence make up tool.
12:30 hrs: On bottom/Commence head-up and pressure test.
13:35 hrs: PJSM
13:40 hrs: Set tool
13:42 hrs: 25 klbs on tool.
13:43 hrs: 30 klbs on tool
13:49 hrs: Increase weight; jars fired with 35 klbs on tool.
14:01 hrs: 40 klbs on tool. Jolt felt in string whilst weight was increased. No blow. Tool open??? Two bubbles observed as string jolted and then no blow.
14:07 hrs: Pick up to string weight and reset tool on bottom.
14:09 hrs: 40 klbs on string; Jars fired.
14:15 hrs: Small jolt felt again – this time string was static. Called **TOOL OPEN (Start PF)**. No blow.
14:20 hrs: 5 turns at rotary table. **Start ISI**. All surface lines and manifold was checked for water/obstruction. Bubble line was observed to suck up ½" of water head from bucket.
14:50 hrs: 5 turns at rotary table. **Start MF**. No blow. Hose continued to hold ½" of head during main flow.
15:50 hrs: 5 turns at rotary table. **Start FSI**. No blow.

REVERSE

17:57 hrs Dropped Bar.
18:10 hrs 357 strokes. Shutting Hydril
385 strokes. FTS (calculated six strokes prior to full string capacity of 391 strokes). **SAMPLE 1:**
Fluid consists of rat hole mud and formation water with condensate/oil film. Resistivity: 0.75 ohm-metres @ 75 def F.
Mudweight: 9.4ppg.
18:15 hrs 451 strokes. **SAMPLE 2:** Mud. Mudweight = 9.4 ppg heavy. Resistivity: 0.41 ohm-metres @ 75 deg F.
18:18 hrs 460 strokes. Mudweight = 9.7 ppg.

The well was conventionally circulated prior to POOH.



DRILL STEM TEST DATA

WELL : Bodalla South 18

DST#2 Date: 13th August 2007
 Beach Rep : G Mogg / P. Morris
 Test Interval (D)
 Test Interval (L) 1455.02 – 1459.07m
 Hole size : 216mm.
 Mud Wt : 9.6 ppg Viscosity : 38
 Knock out sub depth : 1433.28m.
 Other Equipment :
 Top packer : 1455.02m
 Stick-up: 4.05m
 Hydrostatic cushion : N/A psi
 Initial hydrostatic : (none) psi
 First flow : minutes psi to psi
 First shut-in : minutes psi Completely built-up : No
 Second flow : minutes psi to psi
 Second shut-in : minutes psi Completely built-up :
 Final hydrostatic : 2408.43 psi
 Recorder Number : (Weatherford 6888)
 First Flow : Weak blow
 Second Flow: : No Blow

Formation : Basal Birkhead/ Top Hutton
 Testing Co : DST Aust Tester : N.McElroy
 Test Type : Conventional Straddle
 Test status: Misrun.
 Chlorides : 19k Nitrates :
 Pump out sub depth : 1423.57m. Packer size : 7.5
 Bottom Packer : 1459.07 Bottom Hole Choke : 1/2"
 Calculated hydrostatic pressure : 2380 psi
 Time started in hole : 18:30hrs (12/08/07)
 Time at testing depth : 06:00 hrs
 Maximum recorded BHT : 198.24 deg F
 Recorder depth : 1456.37 metres

Flow Rates :

Time	Choke	Pressure	Flow rate – Mcfd
	1/2"		N/A
	1/2"		
	1/2"		
	1/2"		
	1/2"		
	1/2"		

Recovery : No recovery in string of sampler.

Remarks : Weak blow at surface observed throughout Preflow. No blow observed through main flow. Half inch of water head was observed in the bubble hose from the beginning on the initial shut and increase to 2 1/2 inches during the final shut-in. Charts indicate DST2 was a misrun. No Preflow, ISI, MF or FSI recorded.

Geologists' Observations

12/08/2007

18:30 hrs: Hold PJSM. Commence make up tool for DST 2.
20:30 hrs: Tool made up to top packers and interval strapped to 4.05 metres. Continue making up tool above interval and RIH to Shoe. Slip and cut 30 ft of drilling line.

13/08/2007

00:00 hrs: Continue S&C, RIH to TD.
05:15 hrs: Make up surface gear.
06:45 hrs: PJSM
06:50 hrs: Apply 30 klbs. Small jolt observed on string whilst applying weight. **Tool Open (Start Pre Flow).**
Weak blow at surface of bucket.
06:56 hrs: 5 Turns. **Tool Closed.** No blow. **Start ISI**
07:26 hrs: 5 turns. Start Main Flow. No Blow. Half inch of water head observed in bubble hose.
07:45 hrs: Apply weight to 35 klbs. No blow, still sucking up half inch of water-head from bucket.
08:00 hrs: Call town. Remaining times revised to 60 minute main flow. 90 minute Final Shut-in.
08:26 hrs: 5 turns. 90 minute **Final Shut-in begins.**
08:50 hrs: 2 ½" water head in bubble hose.
09:00 hrs: Possible 5 klbs decrease in weight. 62 – 67 klbs on Martin Decker – gradual increase.
09:10 hrs: 69 klbs in Martin Decker.
09:22 hrs: 70 klbs
09:23 hrs: Apply weight – now 62 klbs.
09:56 hrs: 13 klbs overpul observed on string after pulling free.
Empty string weight = 94 klbs
Post FSI String weight = 107 klbs

Reverse:

10:14 hrs: Drop bar.
10:21 hrs: Shut Hydril at 345 strokes.
First F.T.S at 385 strokes (String capacity = 400 strokes) **SAMPLE 1:** Rat hole mud: Resistivity = 0.32 ohm meters @73 deg F. mud weight 9.6 ppg.
After 407 strokes. **SAMPLE 2:** Rat hole mud. Resistivity = 0.29 ohm-metres @ 74 deg F.
Resistivity of mud from Active = 0.29 ohm-metres @ 74 deg F. Mud weight 9.6



DRILL STEM TEST DATA

WELL : Bodalla South 18

DST#3 Date: 14th August 2007 Formation : Hutton
 Beach Rep : G Mogg / P. Morris Testing Co : DST Aust Tester : N.McElroy
 Test Interval (D) Test Type : Conventional Straddle
 Test Interval (L) 1455.22 – 1459.95m
 Hole size : 216mm. Test status: Valid.
 Mud Wt : 9.6 ppg Viscosity : 38 Chlorides : 19k Nitrates :
 Knock out sub depth : 1433.48m. Pump out sub depth : 1423.77m. Packer size : 7.5
 Other Equipment :
 Top packer : 1455.22m Bottom Packer : 1459.95 Bottom Hole Choke : 1/2"
 Stick-up: 5.36m Calculated hydrostatic pressure : 2380 psi
 Hydrostatic cushion : N/A psi Time started in hole : 19:10hrs (13/08/07)
 Initial hydrostatic : (none) psi Time at testing depth : 05:00 hrs
 First flow : 5 minutes 29.8 psi to 77.46 psi
 First shut-in : 30 minutes 1938.56 psi Completely built-up : No
 Second flow : 120 minutes 84.44 psi to 460.59 psi
 Second shut-in : 90 minutes 1938.45 psi Completely built-up : No
 Final hydrostatic : 2407.90 psi Maximum recorded BHT : 109.52 deg F.
 Recorder Number : (Weatherford 6888) Recorder depth : 1456.26 metres
 First Flow : A five minute preflow saw a weak blow at surface of bucket after 2 minutes building to ½ inch below surface by the end of the preflow.
 Second Flow: : A 120 minute main flow saw a weak blow at surface of bucket after 3 minutes building to 7 inches below surface within 8 minutes and maintained this flow rate until the tool was shut in.

Flow Rates :

Time	Choke	Pressure	Flow rate – Mcfd
	½"		N/A
	½"		
	½"		
	½"		
	½"		
	½"		

Recovery : Recovered 8.5 bbls oil with API: 47.3 @ 60deg F (S.G=0.777 @ 32.5 deg C) and 9.2 bbls of muddy water with Rw: 0.45 ohm-metres @ 75 deg F.
 One litre of oil with trace muddy water recovered from leaking sampler (no pressures).

Remarks : Valid test with oil/muddy water recovery.

Geologists' Observations

13/08/2007

19:10 hrs: Commence make tool and RIH to Shoe.

14/08/2007

00:00 hrs: Wait at shoe for first light.

06:05 hrs: RIH prior to PJSM.

06:21 hrs: Apply weight 40 klbs. Weak blow at surface. Tool no likely to be open.

06:23 hrs: Jolt felt in string. Likely to be jars firing.

06:34 hrs: Increase weight. Very weak blow at surface.

06:38 hrs: Pick up and reset tool.

06:40 hrs: Apply weight. Jars fired. No Blow (45 klbs)

06:58 hrs: Small jolt in string **TOOL OPEN. START PREFLOW** No blow.

07:00 hrs: Blow at surface of bucket.

07:01 hrs: Blow to just below surface.

07:03 hrs: Blow to ½" below surface.

07:04 hrs: Slips in. 5 turns. **TOOL CLOSED. START ISI.**

07:11 hrs: Blow at surface of bucket

07:13 hrs: No Blow.

07:34 hrs: Slips in. 5 turns. **TOOL OPEN. START MAIN FLOW.** No blow.

07:37 hrs: Increase weight tight 50 klbs. Begin weak blow at surface.

07:40 hrs: Blow to ¼" below surface of bucket

07:43 hrs: Blow to ½" below surface.

07:44 hrs: Blow to 1" below surface.

07:49 hrs: Blow to 2" below surface

07:55 hrs: Blow to 3" below surface

08:00 hrs: Blow to 4" below surface

08:04 hrs: Blow to 6" below surface

08:18 hrs: Blow to 7" below surface

08:27 hrs: Blow to 5" below surface

08:36 hrs: Blow to 6" below surface

08:42 hrs: Blow to 7" below surface

08:50 hrs: Blow to 6" below surface

08:56 hrs: Blow to 7" below surface

09:00 hrs: Call town. Main flow extended to 2 hours.

09:08 hrs: Blow to 6" below surface

09:18 hrs: Blow to 7" below surface

09:33 hrs: Blow to 7" below surface

09:34 hrs: Slips in. 5 Turns. **TOOL CLOSED. START FSI.**

09:40 hrs: Blow reduced to 4"

09:47 hrs: Weak Blow at surface of bucket.

09:52 hrs: Negligible blow.

RECOVERY

Oil To Surface after 291 strokes – 8.5 barrels 47.3 API @ 60deg F

Muddy water after 321 strokes – 9.2 bbls $R_{\text{muddy water}} = 0.45$ ohm-metres @ 75 def F

Mud To Surface after 401 strokes. $R_{\text{mud reversed}} = 0.31$ ohm-metres 2 76 deg F

$R_{\text{mud active pit}} = 0.26$ ohm-metres @ 76 deg F



**BEACH PETROLEUM
BODALLA SOUTH 18
PL 31
DST REPORTS**



BODALLA SOUTH 18
DST 1
REPORT, PLOTS & DATA

Company: Beach Petroleum
Well Name: Bodalla South 18
Well Location: PL 31
State: Qld
Date: 11/08/2007
Test Type: Conventional - Straddle (Blank Off)
Formation: basal Birkhead Sst.
Interval: 1444.01 - 1455.41m
DST #: 1



Ticket #: 1264
TD: 1524.00m
RT Elev: 153.80m
GL Elev: 150.00m
Testers: N. McElroy B. Edmeades

RECORDER DATA:

Rec #:	6884	6885	6888	6890
Range (psi):	10k	10k	10k	10k
Battery S/N:	B17258	B17284	B17565	M16769
Depth (m):	1432.78	1438.76	1453.90	1459.19
	PSIG	PSIG	PSIG	PSIG
Initial Hydrostatic:	0	2380.73	2390.57	2399.25
Initial Prewflow:	-	15.73	27.57	2463.16
Final Prewflow:	-	18.94	31.08	-
Initial Shutin:	7.35	1743.93	1754.01	-
Initial Flow:	-	19.71	31.62	-
Final Flow:	-	34.50	46.66	-
Final Shutin:	24.51	1727.87	1738.11	2164.39
Final Hydrostatic:	2321.16	2368.46	2379.45	2401.34
Max. Temp during Test (°F):	195.67	195.60	197.18	197.52
Inside / Outside:	Fluid	Inside	Outside	Below

TIME DATA:

Prewflow: 6 mins
Initial Shutin: 30 mins
Initial Flow: 60 mins
Final Shutin: 90 mins

	Time Start	Time End
	14:14	14:20
	14:20	14:50
	14:50	15:50
	15:00	17:20

(24 hour time)

Pick Up Tools: 4:24
RIH Pipe: 8:00
On Depth: 14:07
Open Tools: 14:14
Time Pulled: 17:20
Drop Bar: 17:55
POOH Pipe: 19:00
L/O Tools: 0:30
Finish L/O Tools: 4:00

TOOL DATA:

Tool Weight
 5 000 lb
Weight Set on Packers
 42 000 lb
Weight Pulled Free
 100 000 lb
Initial String Weight
 80 000 lb

	OD (in)	ID (in)	Length (m)	Cap. (bbls/ft)	Vol. (bbls)
Drill Pipe 1:	4.5	3.826	1287.41	0.0142	60.1
Drill Pipe 2:	-	-	-	-	-
HW Drill Pipe 1:	4.5	3	27.41	0.0087	0.8
HW Drill Pipe 2:	-	-	-	-	-
Drill Collars 1:	6.25	2.8125	122.66	0.0077	3.1
Drill Collars 2:	-	-	-	-	-
Hole Size:	8 1/2 inches				

FLUID RECOVERY:

4.46	m of	RHM
14.84	m of	RHM
	m of	
	m of	

MUD DATA:

Mud Type:	KCl/Polymer	
Weight:	9.6	ppg
Viscosity:	39	sec
W.L.:	7.2	cc/30min
F.C.:	1	/32"
Mud Drop:	Slow Dropping Annulus	

BLOW DESCRIPTION AND REMARKS:

Preflow: 14:15 Cycled tool open.
 No bubbles through out preflow.
 14:20 Cycled tool closed.

Second Flow: 14:50 Cycled tool open, no bubbles.
 No bubbles throughout second flow.
 15:50 Cycled tool closed.

Surface Choke Size: 1/2 inch
Sample Chamber Recovery: 3L RHM
Other Samples Taken: -

Comments:

GENERAL DATA:

Number of Packers: 4	Packer S/N: N/A	Packer S/N: N/A
Packer Size: 7-1/2" x 36"	Location: Top	Location: Bottom
	Condition OOH: Good	Condition OOH: Good
	Packer S/N: N/A	Packer S/N: N/A
	Location: Top	Location: Bottom
	Condition OOH: Damaged	Condition OOH: Damaged
Prior operations: Logging	Cushion Amount (m): Nil	BHT (°F): 197.18
Wiper Trip Performed: Yes	Cushion Type: N/A	Company Rep: G. Mogg
Amount of Fill (m): Nil	Reversed Out: Yes	Contractor: Hunt Energy
Hole Condition: Good	Tool Chased: No	Rig Number: 2

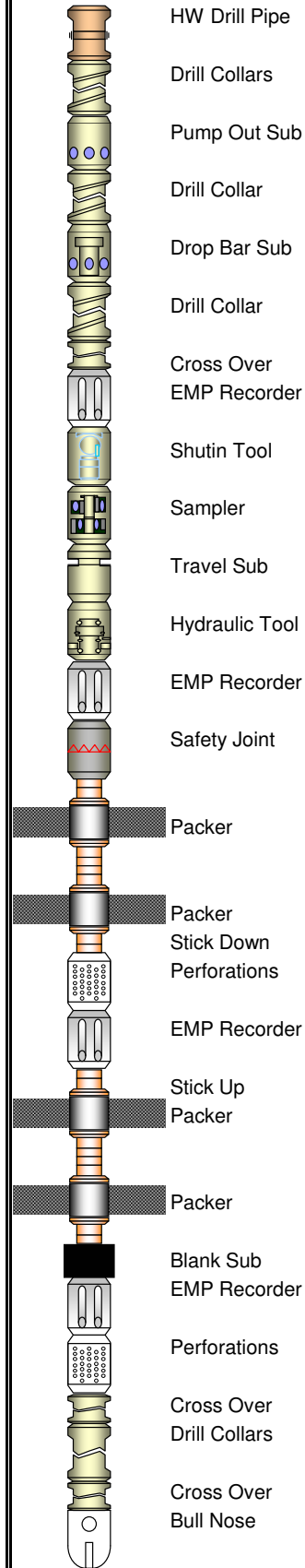
GENERAL TEST COMMENTS:

13:45 Tagged bottom and set weight to 26klbs increasing to 30klbs when the rig jars cocked. Weight was further increased to 40klbs before the weight started to bleed off indicating that the Hydraulic Tool was cycling. Another 2klbs was added and the tool cycled with one or two bubbles in the bubble bucket. Because there was some doubt in the tool opening, the string was pulled free and reset.
 14:07 Tagged bottom and set weight to 42klbs at which the rig jars cocked and the tool bleed off and in 8mins the hydraulic tool opened to the preflow. The indications at surface were a positive sign the hydraulic tool cycled and the preflow was completed by cycling the Shutin Tool.

Company: Beach Petroleum
Well Name: Bodalla South 18
Well Location: PL 31
State: Qld
Date: 11/08/2007
Test Type: Conventional - Straddle (Blank Off)
Formation: basal Birkhead Sst.
Interval: 1444.01 - 1455.41m
DST #: 1



Ticket #: 1264
ID: 1524.00m
RT Elev: 153.80m
GL Elev: 150.00m
Testers: N. McElroy B. Edmeades



Total Tool BHA	91.93 m
Circulating Subs	0.75 m
Drill Collars above Tool	121.91 m
Rig Cross Overs	0.00 m
HW Drill Pipe above Tool	27.41 m
Drill Pipe above Tool	1282.81 m
Pup Joints above Tool	4.60 m
Total Assembly:	1529.41 m

STICK UP:

	-5.41	
Drill Pipe	9.22	-5.41 1 x Single
Pup Joint	4.60	3.81 1 x Pup Joint
Drill Pipe	1273.59	8.41 67 Stands Drill Pipe & 1 Single
HW Drill Pipe	27.41	1282.00
Drill Collars	103.15	1309.41 10 x Drill Collars & Drilling Jars
Pump Out Sub	0.36	1412.56
Drill Collar	9.35	1412.92 1 x Drill Collar
Drop Bar Sub	0.39	1422.27
Drill Collar	9.41	1422.66 1 x Drill Collar
DST Cross Over	0.41	1432.07
Drop Bar Catcher	0.30	1432.48
EMP Recorder WMG 6884	0.91	1432.78
Shut In Tool	1.64	1433.69
Sampler	1.01	1435.33
Travel Sub	0.60	1436.34
Hydraulic Tool	1.82	1436.94
EMP Recorder WMG 6885	0.80	1438.76
Jars	0.00	1439.56
Safety Joint	0.79	1439.56
Packer	2.35	1440.35
Packer	1.31	1442.70

DEPTH:

	1444.01	
Stick Down	1.04	1444.01
Perforations	8.85	1445.05
EMP Recorder WMG 6888	0.31	1453.90
Stick Up	1.20	1454.21
DEPTH:	1455.41	
Packer	1.12	1455.41
Packer & Blank Off	2.66	1456.53
EMP Recorder WMG 6890	0.91	1459.19
Perforations	3.00	1460.10
Cross Over	0.30	1463.10
Drill Collars	58.98	1463.40 6 x Drill Collars & 1 Pony Collar
Cross Over	0.30	1522.38
Bullnose	1.32	1522.68

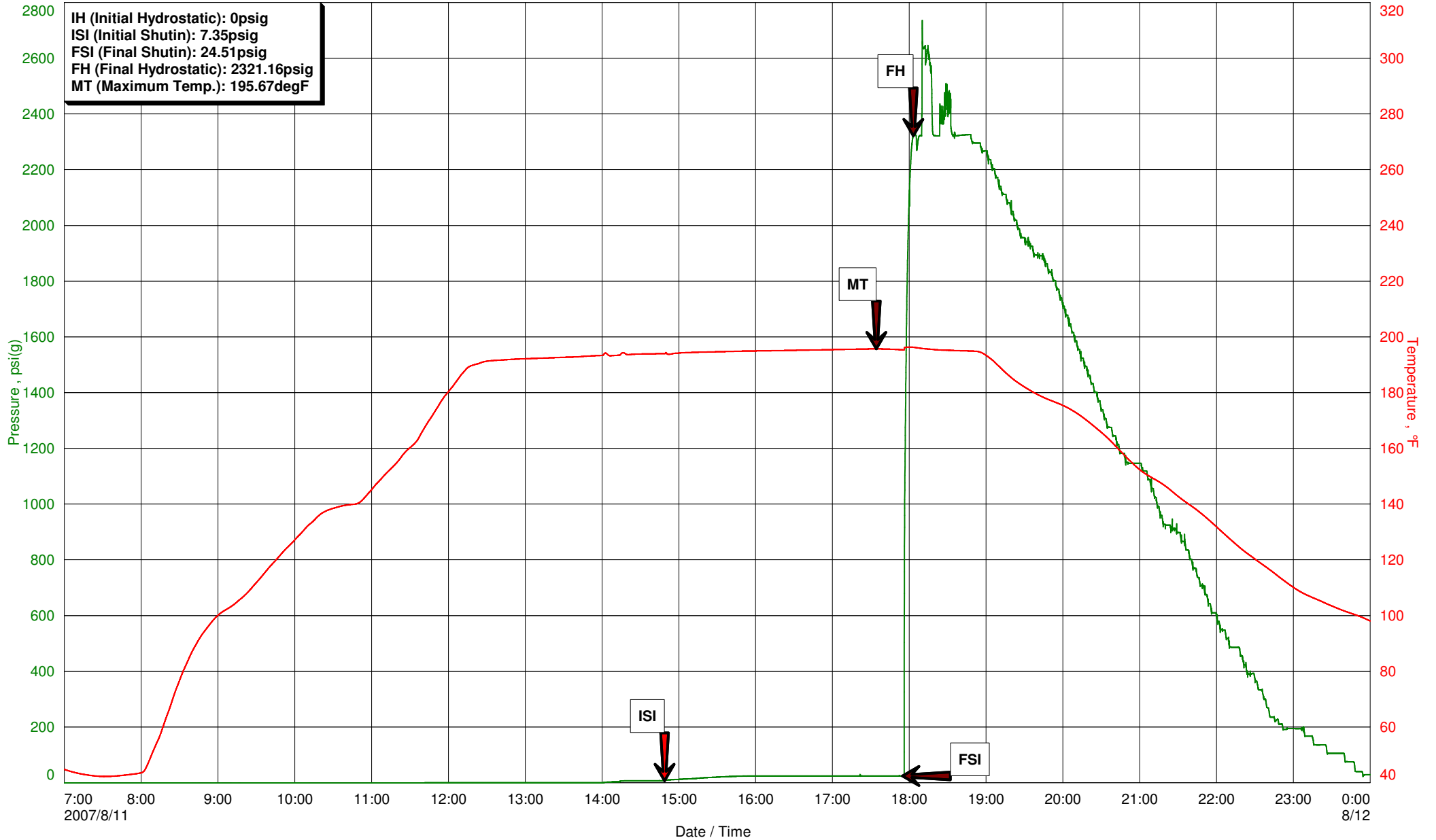
TOTAL DEPTH:

1524.00

Beach Petroleum
Fluid EMP Rec WMG 6884 Depth 1432.78m
Start Test Date: 2007/08/11

FLUID REC DST 1
Formation: basal Birkhead St.
Job Number: DST 1

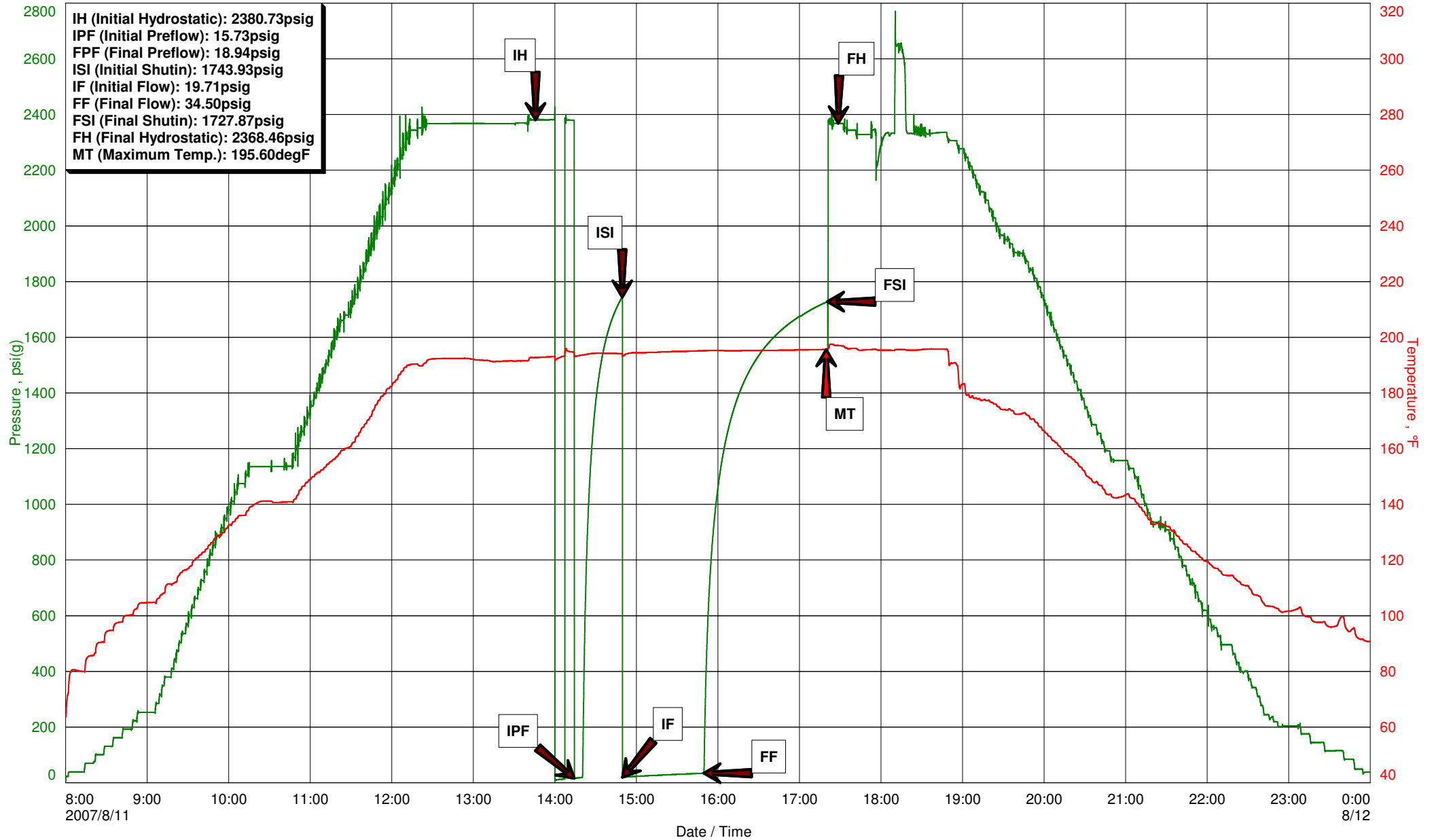
Bodalla South 18



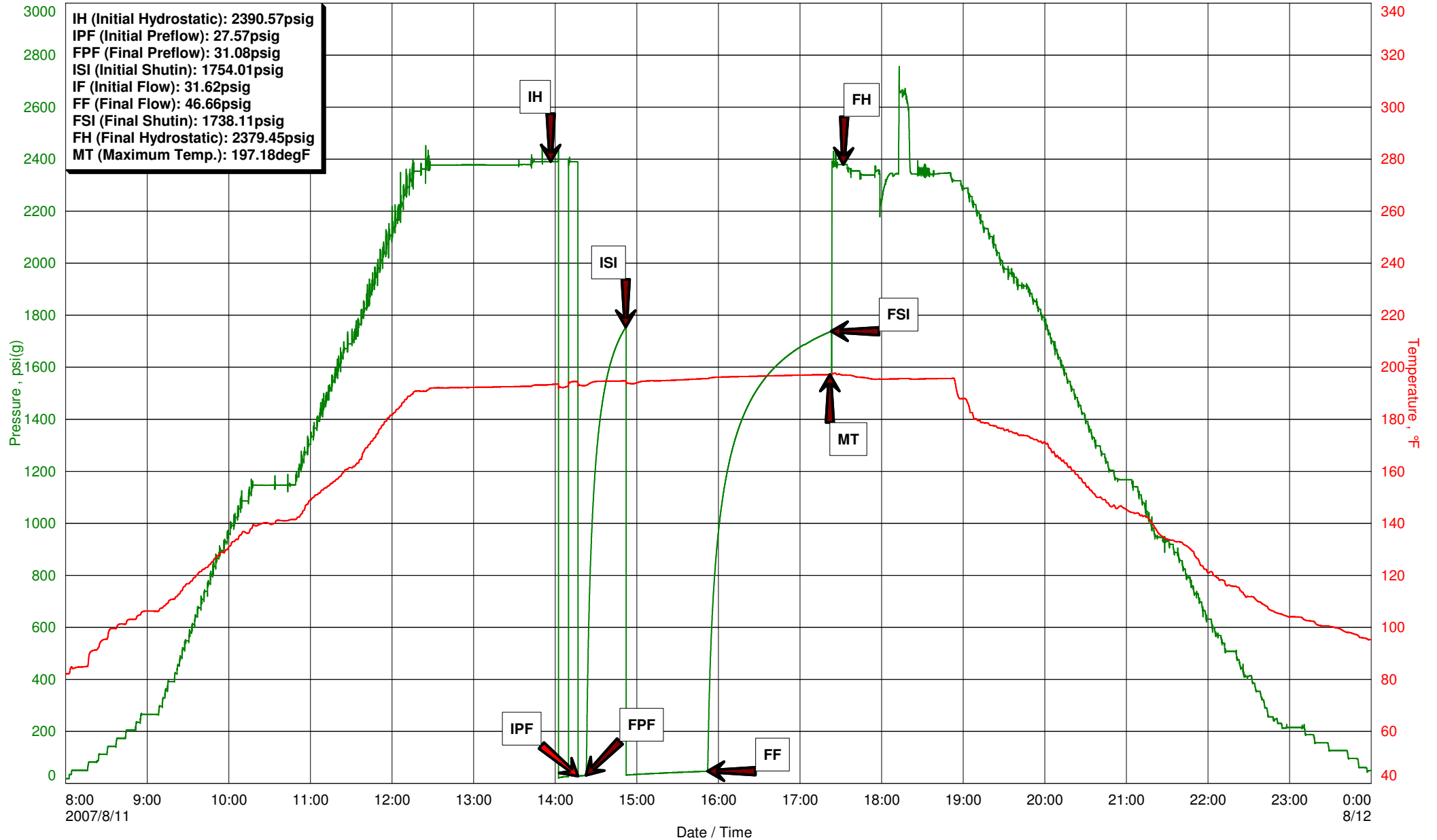
Beach Petroleum
Inside EMP Rec WMG 6885 Depth 1438.76m
Start Test Date: 2007/08/11

INSIDE REC DST 1
Formation: basal Birkhead Sst.
Job Number: DST 1

Bodalla South 18



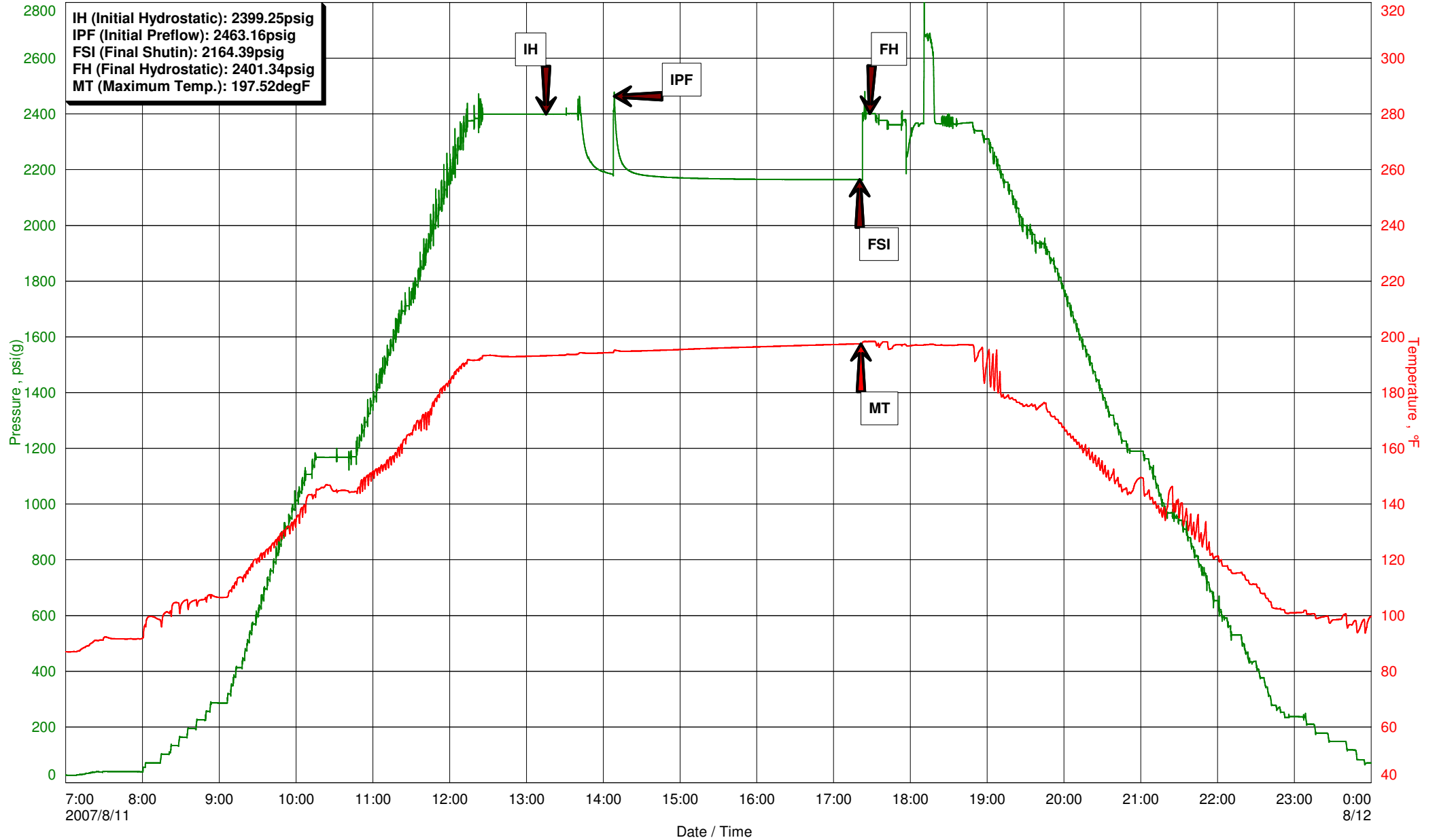
Bodalla South 18



Beach Petroleum
Below Straddle EMP Rec WMG 6890 Depth 1459.19m
Start Test Date: 2007/08/11

BELOW STRADDLE REC DST 1
Formation: basal Birkhead Sst.
Job Number: DST 1

Bodalla South 18





BODALLA SOUTH 18
DST 2
REPORT, PLOTS & DATA

Company: Beach Petroleum
Well Name: Bodalla South 18
Well Location: PL 31
State: Qld
Date: 13/08/2007
Test Type: Conventional - Straddle (Blank Off)
Formation: basal Birkhead Sst.
Interval: 1455.02 - 1459.07m
DST #: 2



Ticket #: 1265
TD: 1524.00m
RT Elev: 153.80m
GL Elev: 150.00m
Testers: N. McElroy B. Edmeades

RECORDER DATA:

Rec #:	6884	6885	6888	6890	
Range (psi):	10k	10k	10k	10k	
Battery S/N:	B17258	B17284	B17565	M16769	
Depth (m):	1443.79	1449.77	1457.56	1462.85	
	PSIG	PSIG	PSIG	PSIG	
Initial Hydrostatic:					
Initial Prewflow:					
Final Prewflow:					
Initial Shutin:		TEST	MISRUN		
Initial Flow:					
Final Flow:					
Final Shutin:					
Final Hydrostatic:					
Max. Temp during Test (°F):					
Inside / Outside:	Fluid	Inside	Outside	Below	

TIME DATA:

Prewflow: 5 mins
Initial Shutin: 30 mins
Initial Flow: 60 mins
Final Shutin: 91 mins

	Time Start	Time End
	6:50	6:55
	6:55	7:25
	7:25	8:25
	8:25	9:56

(24 hour time)

Pick Up Tools: 19:00
RIH Pipe: 21:30
On Depth: 6:50
Open Tools: 6:50
Time Pulled: 9:56
Drop Bar: 10:02
POOH Pipe: 11:00
L/O Tools: 15:20
Finish L/O Tools: 17:20

TOOL DATA:

Tool Weight
 5 000 lb
Weight Set on Packers
 42 000 lb
Weight Pulled Free
 115 000 lb
Initial String Weight
 92 000 lb

	OD (in)	ID (in)	Length (m)	Cap. (bbls/ft)	Vol. (bbls)
Drill Pipe 1:	4.5	3.826	1297.06	0.0142	60.5
Drill Pipe 2:	-	-	-	-	-
HW Drill Pipe 1:	4.5	3	27.41	0.0087	0.8
HW Drill Pipe 2:	-	-	-	-	-
Drill Collars 1:	6.25	2.8125	122.66	0.0077	3.1
Drill Collars 2:	-	-	-	-	-
Hole Size:	8 1/2 inches				

FLUID RECOVERY:

_____	m of	_____
_____	m of	_____
_____	m of	_____
_____	m of	_____

MUD DATA:

Mud Type:	KCl/Polymer	
Weight:	9.6	ppg
Viscosity:	39	sec
W.L.:	7.2	cc/30min
F.C.:	1	/32"
Mud Drop:	Slow Dropping Annulus	

BLOW DESCRIPTION AND REMARKS:

Preflow: 6:50 Cycled tool open.
 Weak bubbles.
 6:55 Cycled tool closed.

Second Flow: 7:25 Cycled tool open, no bubbles.
 No bubbles throughout second flow.
 8:25 Cycled tool closed.
 8000lbs bled off the weight that was set down on the packers. Weight was set down to bring weight back to original weight set on packers.

Surface Choke Size: 1/2 inch
Sample Chamber Recovery: Nil
Other Samples Taken: -

Comments:

GENERAL DATA:

Number of Packers: 4	Packer S/N: N/A	Packer S/N: N/A
Packer Size: 7-1/2" x 36"	Location: Top	Location: Bottom
	Condition OOH: Good	Condition OOH: Good
	Packer S/N: N/A	Packer S/N: N/A
	Location: Top	Location: Bottom
	Condition OOH: Good	Condition OOH: Good
Prior operations: DST 1	Cushion Amount (m): Nil	BHT (°F): 0.00
Wiper Trip Performed: Yes	Cushion Type: N/A	Company Rep: G. Mogg
Amount of Fill (m): Nil	Reversed Out: Yes	Contractor: Hunt Energy
Hole Condition: Good	Tool Chased: No	Rig Number: 2

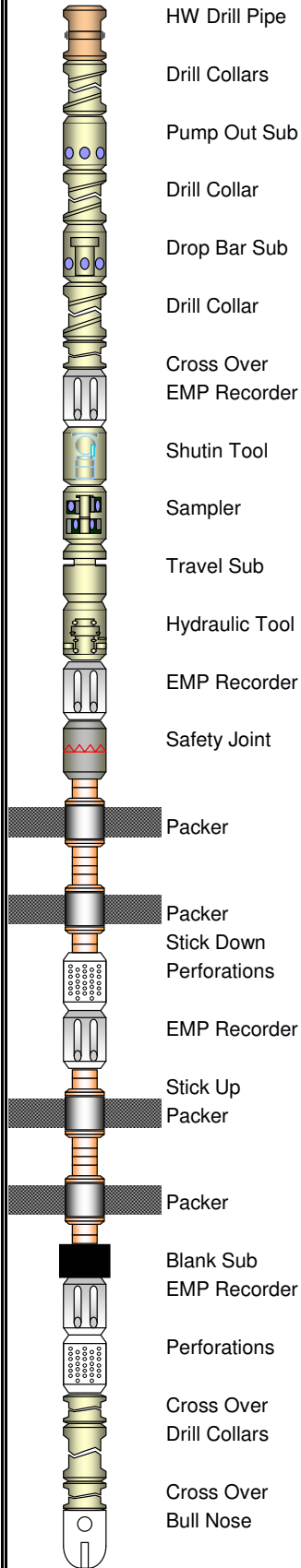
GENERAL TEST COMMENTS:

Initial opening indications came after the drilling jars cocked and bubbles were seen in the bubble bucket although there was no bleed off on the weight indicator to confirm that the hydraulic tool had functioned. It was thought the jars may have masked the opening of the tool as the bubbles continued through preflow until tool was cycled closed.
 Below straddle recorder confirms that the packers set successfully.

Company: Beach Petroleum
Well Name: Bodalla South 18
Well Location: PL 31
State: Qld
Date: 13/08/2007
Test Type: Conventional - Straddle (Blank Off)
Formation: basal Birkhead Sst.
Interval: 1455.02 - 1459.07m
DST #: 2



Ticket #: 1265
ID: 1524.00m
RT Elev: 153.80m
GL Elev: 150.00m
Testers: N. McElroy B. Edmeades



Total Tool BHA	80.92 m
Circulating Subs	0.75 m
Drill Collars above Tool	121.91 m
Rig Cross Overs	0.00 m
HW Drill Pipe above Tool	27.41 m
Drill Pipe above Tool	1292.46 m
Pup Joints above Tool	4.60 m
Total Assembly:	1528.05 m

STICK UP:

-4.05

Drill Pipe	9.65	-4.05 1 x Single
Pup Joint	4.60	5.60 1 x Pup Joint
Drill Pipe	1282.81	10.20 68 Stands Drill Pipe
HW Drill Pipe	27.41	1293.01
Drill Collars	103.15	1320.42 10 x Drill Collars & Drilling Jars
Pump Out Sub	0.36	1423.57
Drill Collar	9.35	1423.93 1 x Drill Collar
Drop Bar Sub	0.39	1433.28
Drill Collar	9.41	1433.67 1 x Drill Collar
DST Cross Over	0.41	1443.08
Drop Bar Catcher	0.30	1443.49
EMP Recorder WMG 6884	0.91	1443.79
Shut In Tool	1.64	1444.70
Sampler	1.01	1446.34
Travel Sub	0.60	1447.35
Hydraulic Tool	1.82	1447.95
EMP Recorder WMG 6885	0.80	1449.77
Jars	0.00	1450.57
Safety Joint	0.79	1450.57
Packer	2.35	1451.36
Packer	1.31	1453.71

DEPTH:

1455.02

Stick Down	1.04	1455.02
Perforations	1.50	1456.06
EMP Recorder WMG 6888	0.31	1457.56
Stick Up	1.20	1457.87

DEPTH:

1459.07

Packer	1.12	1459.07
Packer & Blank Off	2.66	1460.19
EMP Recorder WMG 6890	0.91	1462.85
Perforations	2.41	1463.76
Cross Over	0.30	1466.17
Drill Collars	55.91	1466.47 6 x Drill Collars
Cross Over	0.30	1522.38
Bullnose	1.32	1522.68

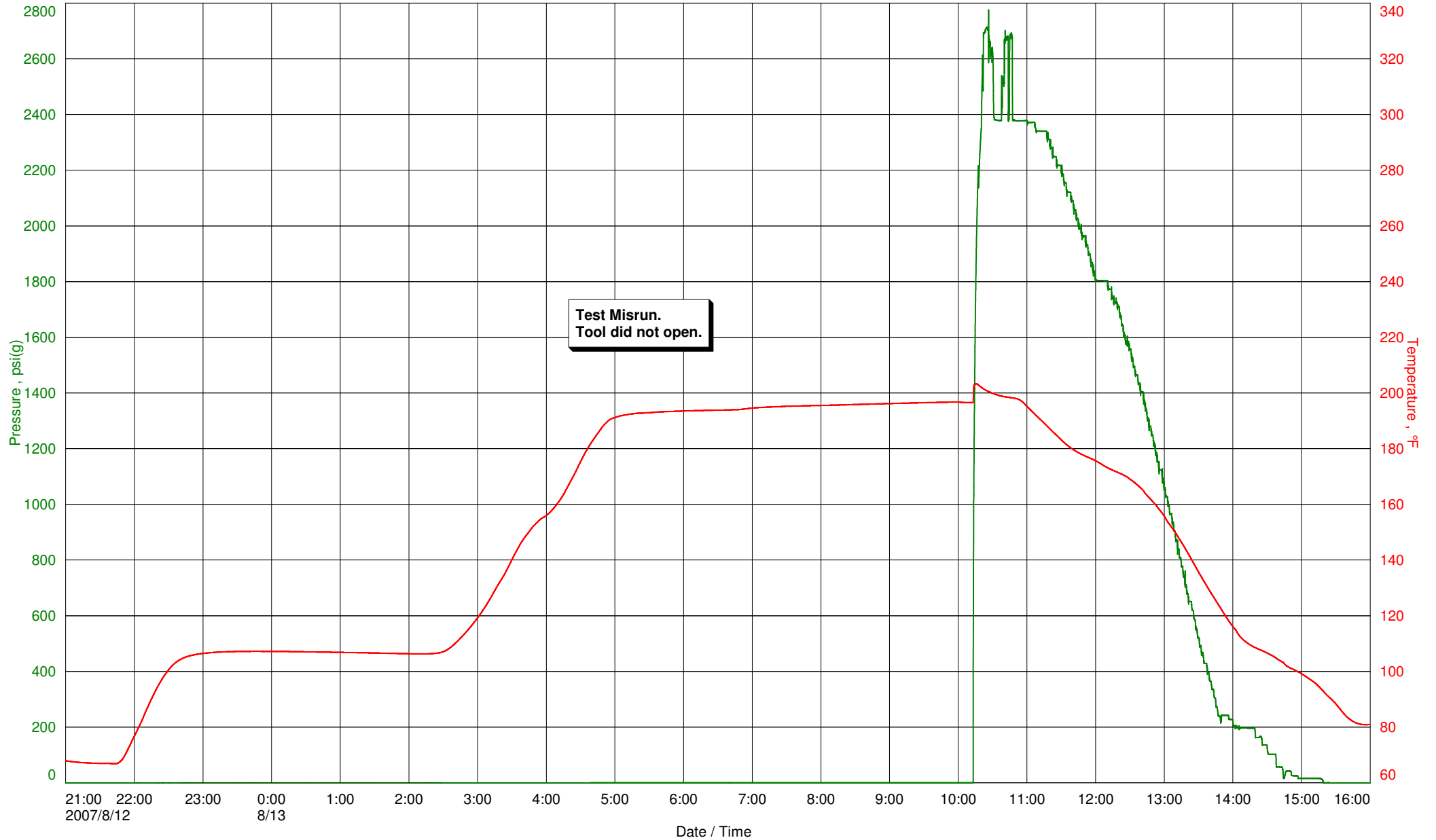
TOTAL DEPTH:

1524.00

Beach Petroleum
Fluid EMP Rec WMG 6884 Depth 1443.79m
Start Test Date: 2007/08/12

FLUID REC DST 2
Formation: basal Birkhead Sst.
Job Number: DST 2

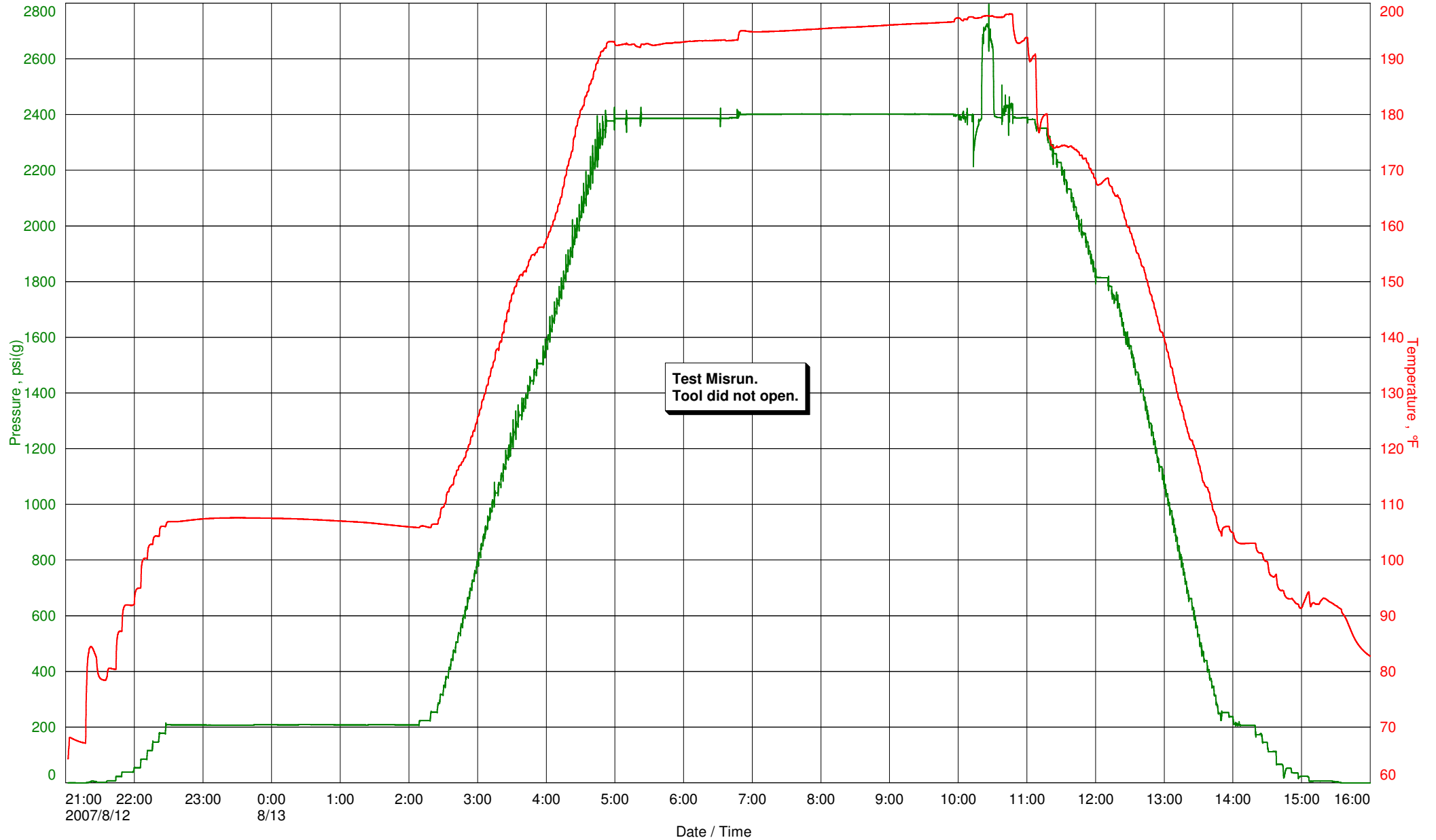
Bodalla South 18



Beach Petroleum
Inside EMP Rec WMG 6885 Depth 1449.77m
Start Test Date: 2007/08/12

INSIDE REC DST 2
Formation: basal Birkhead Sst.
Job Number: DST 2

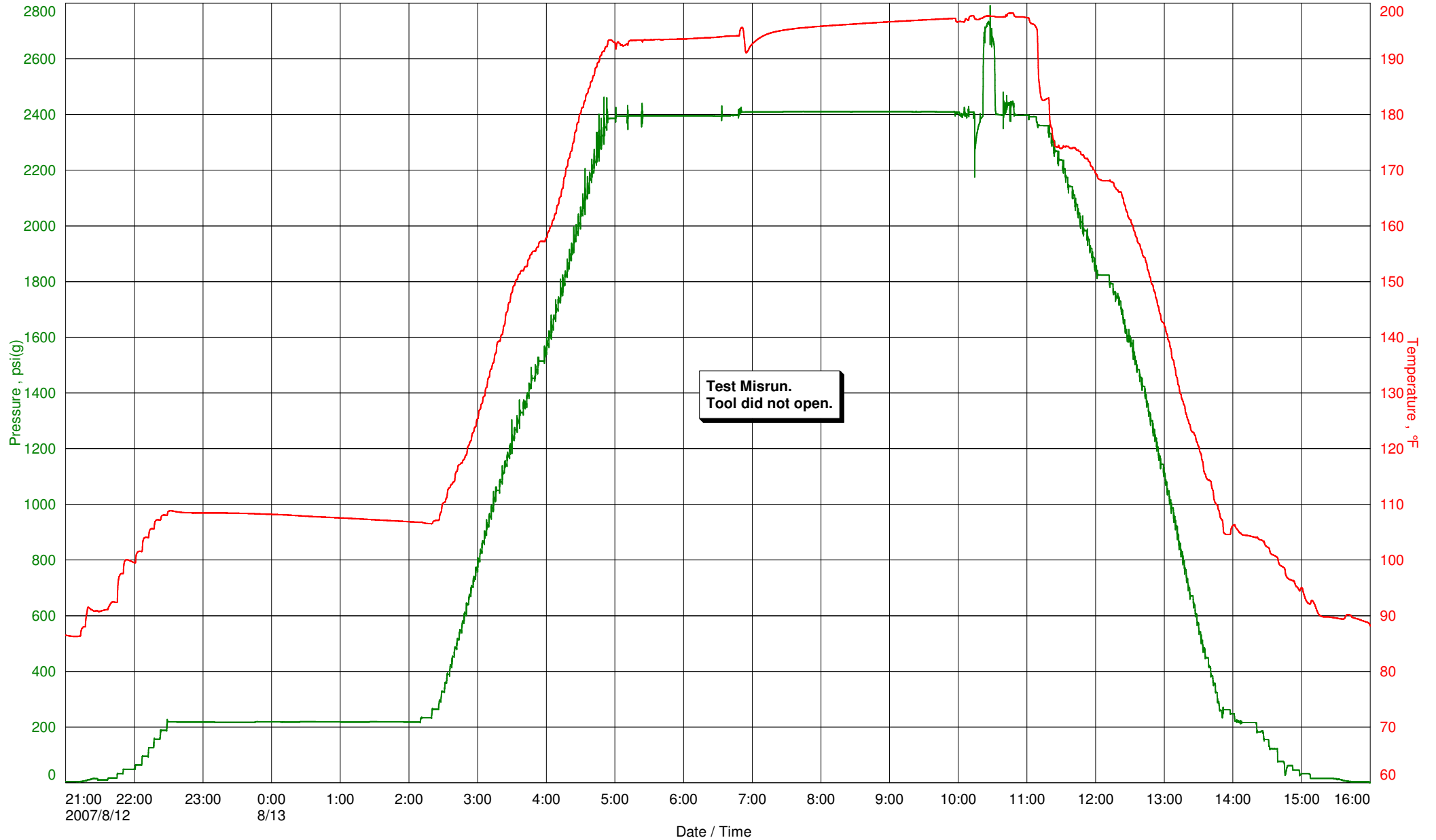
Bodalla South 18



Beach Petroleum
Outside EMP Rec WMG 6888 Depth 1457.56m
Start Test Date: 2007/08/12

OUTSIDE REC DST 2
Formation: basal Birkhead Sst.
Job Number: DST 2

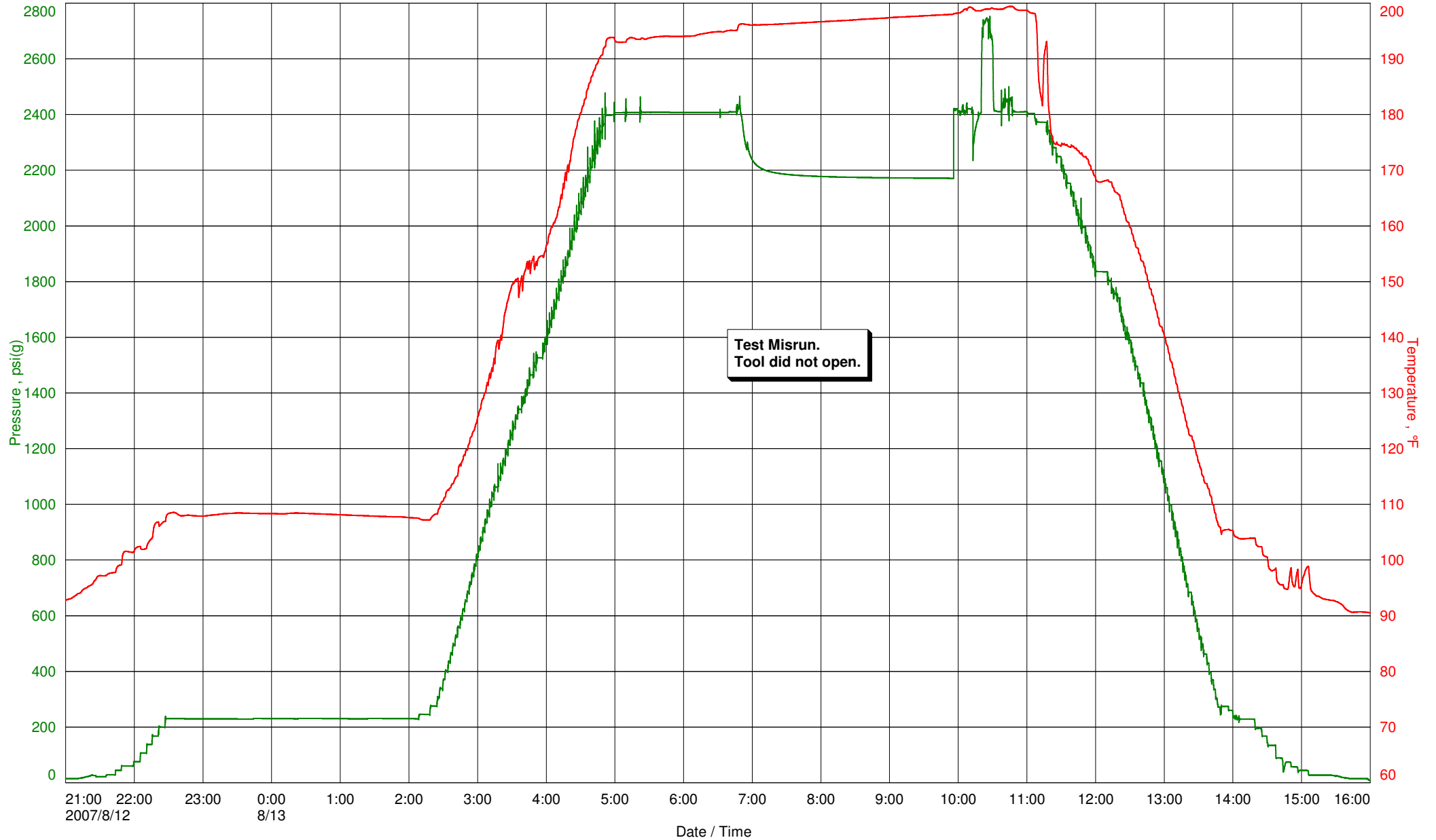
Bodalla South 18



Beach Petroleum
Below Straddle EMP Rec WMG 6890 Depth 1462.85m
Start Test Date: 2007/08/12

BELOW STRADDLE REC DST 2
Formation: basal Birkhead Sst.
Job Number: DST 2

Bodalla South 18





**BODALLA SOUTH 18
DST 3
REPORT, PLOTS & DATA**

Company: Beach Petroleum
Well Name: Bodalla South 18
Well Location: PL 31
State: Qld
Date: 14/08/2007
Test Type: Conventional - Straddle (Blank Off)
Formation: basal Birkhead Sst.
Interval: 1455.22 - 1459.95m
DST #: 3



Ticket #: 1266
TD: 1524.00m
RT Elev: 153.80m
GL Elev: 150.00m
Testers: N. McElroy B. Edmeades

RECORDER DATA:

Rec #:	6884	6885	6888	6890
Range (psi):	10k	10k	10k	10k
Battery S/N:	B17258	B17284	B17565	M16769
Depth (m):	1443.99	1449.97	1458.44	1463.73
	PSIG	PSIG	PSIG	PSIG
Initial Hydrostatic:	0	2410.19	2418.05	2416.03
Initial Prewflow:	-	20.84	29.80	2598.90
Final Prewflow:	-	67.79	79.88	-
Initial Shutin:	57.80	1930.70	1938.56	-
Initial Flow:	-	75.86	84.83	-
Final Flow:	-	451.26	462.63	-
Final Shutin:	452.32	1932.65	1938.45	2171.61
Final Hydrostatic:	2349.47	2406.29	2407.38	2419.85
Max. Temp during Test (°F):	208.32	209.79	209.40	204.71
Inside / Outside:	Fluid	Inside	Outside	Below

TIME DATA:

Prewflow: 6 mins
Initial Shutin: 30 mins
Initial Flow: 119 mins
Final Shutin: 240 mins

Time Start	Time End
6:56	7:02
7:02	7:32
7:32	9:31
9:31	13:31

(24 hour time)

Pick Up Tools: 19:10
RIH Pipe: 21:00
On Depth: 6:17
Open Tools: 6:56
Time Pulled: 13:31
Drop Bar: 13:40
POOH Pipe: 14:30
L/O Tools: 19:30
Finish L/O Tools: 22:30

TOOL DATA:

Tool Weight
 5 000 lb
Weight Set on Packers
 55 000 lb
Weight Pulled Free
 135 000 lb
Initial String Weight
 100 000 lb

	OD (in)	ID (in)	Length (m)	Cap. (bbls/ft)	Vol. (bbls)
Drill Pipe 1:	4.5	3.826	1298.57	0.0142	60.6
Drill Pipe 2:	-	-	-	-	-
HW Drill Pipe 1:	4.5	3	27.41	0.0087	0.8
HW Drill Pipe 2:	-	-	-	-	-
Drill Collars 1:	6.25	2.8125	122.66	0.0077	3.1
Drill Collars 2:	-	-	-	-	-
Hole Size:	8 1/2 inches				

FLUID RECOVERY:

8.5	bbls of	light oil
9.2	bbls of	mud cut water
	m of	
	m of	

MUD DATA:

Mud Type:	KCl/Polymer	
Weight:	9.6	ppg
Viscosity:	38	sec
W.L.:	7.8	cc/30min
F.C.:	1	/32"
Mud Drop:	Slow Dropping Annulus	

BLOW DESCRIPTION AND REMARKS:

Preflow: 6:56 Cycled tool open.

Weak bubbles 1/2" into bubble bucket.

7:01 Cycled tool closed.

Second Flow: 7:31 Cycled tool open, weak bubbles at the top of the bucket.

7:34 Weak bubbles at the top of the bucket.

7:40 Increasing to weak blow 1/2" into bucket.

7:43 Increasing to weak blow 1" into bucket.

8:00 Increasing to moderate blow 4" into bucket.

8:18 Increasing to moderate blow 7" into bucket.

8:31 Maintained moderate blow 7" into bucket to the end of the test.

9:31 Cycled tool closed.

Surface Choke Size: 1/2 inch

Sample Chamber Recovery: 1L crude oil

Other Samples Taken: -

Comments:

GENERAL DATA:

Number of Packers: 4
Packer Size: 7-1/2" x 36"

Packer S/N:	N/A
Location:	Top
Condition OOH:	Damaged
Packer S/N:	N/A
Location:	Top
Condition OOH:	Good

Packer S/N:	N/A
Location:	Bottom
Condition OOH:	Damaged
Packer S/N:	N/A
Location:	Bottom
Condition OOH:	Good

Prior operations:	DST 2
Wiper Trip Performed:	Yes
Amount of Fill (m):	Nil
Hole Condition:	Good

Cushion Amount (m):	Nil
Cushion Type:	N/A
Reversed Out:	Yes
Tool Chased:	No

BHT (°F):	209.40
Company Rep:	G. Mogg
Contractor:	Hunt Energy
Rig Number:	2

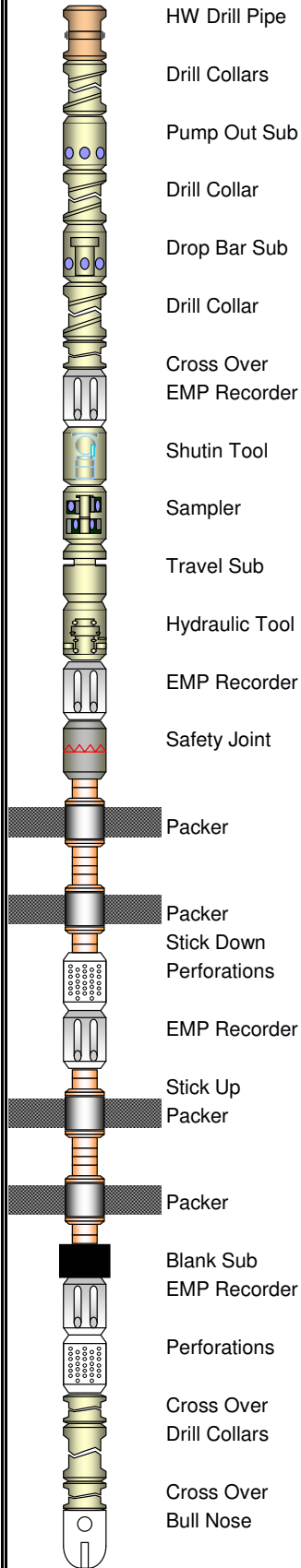
GENERAL TEST COMMENTS:

Tagged bottom to set packers and set 40klbs down, jars cycled as they did in DST 2 and bubbles were seen in the bubble bucket. Another 10klbs with no indications that the tool was opening, bubbles were still in the bubble bucket. The packers were pulled free and reset with 45klbs increasing to 50klbs and then to 55klbs before Hydraulic tool began to bleed off weight, bubbles had stopped. Hydraulic tool opened with weak indications however there was weak bubbles in the bucket and they were increasing.

Company: Beach Petroleum
Well Name: Bodalla South 18
Well Location: PL 31
State: Qld
Date: 14/08/2007
Test Type: Conventional - Straddle (Blank Off)
Formation: basal Birkhead Sst.
Interval: 1455.22 - 1459.95m
DST #: 3



Ticket #: 1266
ID: 1524.00m
RT Elev: 153.80m
GL Elev: 150.00m
Testers: N. McElroy B. Edmeades



Total Tool BHA	80.72 m
Circulating Subs	0.75 m
Drill Collars above Tool	121.91 m
Rig Cross Overs	0.00 m
HW Drill Pipe above Tool	27.41 m
Drill Pipe above Tool	1292.46 m
Pup Joints above Tool	6.11 m
Total Assembly:	1529.36 m

STICK UP:

	-5.36	
Drill Pipe	9.65	-5.36 1 x Single
Pup Joint	6.11	4.29 1 x Pup Joint
Drill Pipe	1282.81	10.40 68 Stands Drill Pipe
HW Drill Pipe	27.41	1293.21
Drill Collars	103.15	1320.62 10 x Drill Collars & Drilling Jars
Pump Out Sub	0.36	1423.77
Drill Collar	9.35	1424.13 1 x Drill Collar
Drop Bar Sub	0.39	1433.48
Drill Collar	9.41	1433.87 1 x Drill Collar
DST Cross Over	0.41	1443.28
Drop Bar Catcher	0.30	1443.69
EMP Recorder WMG 6884	0.91	1443.99
Shut In Tool	1.64	1444.90
Sampler	1.01	1446.54
Travel Sub	0.60	1447.55
Hydraulic Tool	1.82	1448.15
EMP Recorder WMG 6885	0.80	1449.97
Jars	0.00	1450.77
Safety Joint	0.79	1450.77
Packer	2.35	1451.56
Packer	1.31	1453.91

DEPTH:

	1455.22	
Stick Down	1.04	1455.22
Perforations	2.18	1456.26
EMP Recorder WMG 6888	0.31	1458.44
Stick Up	1.20	1458.75

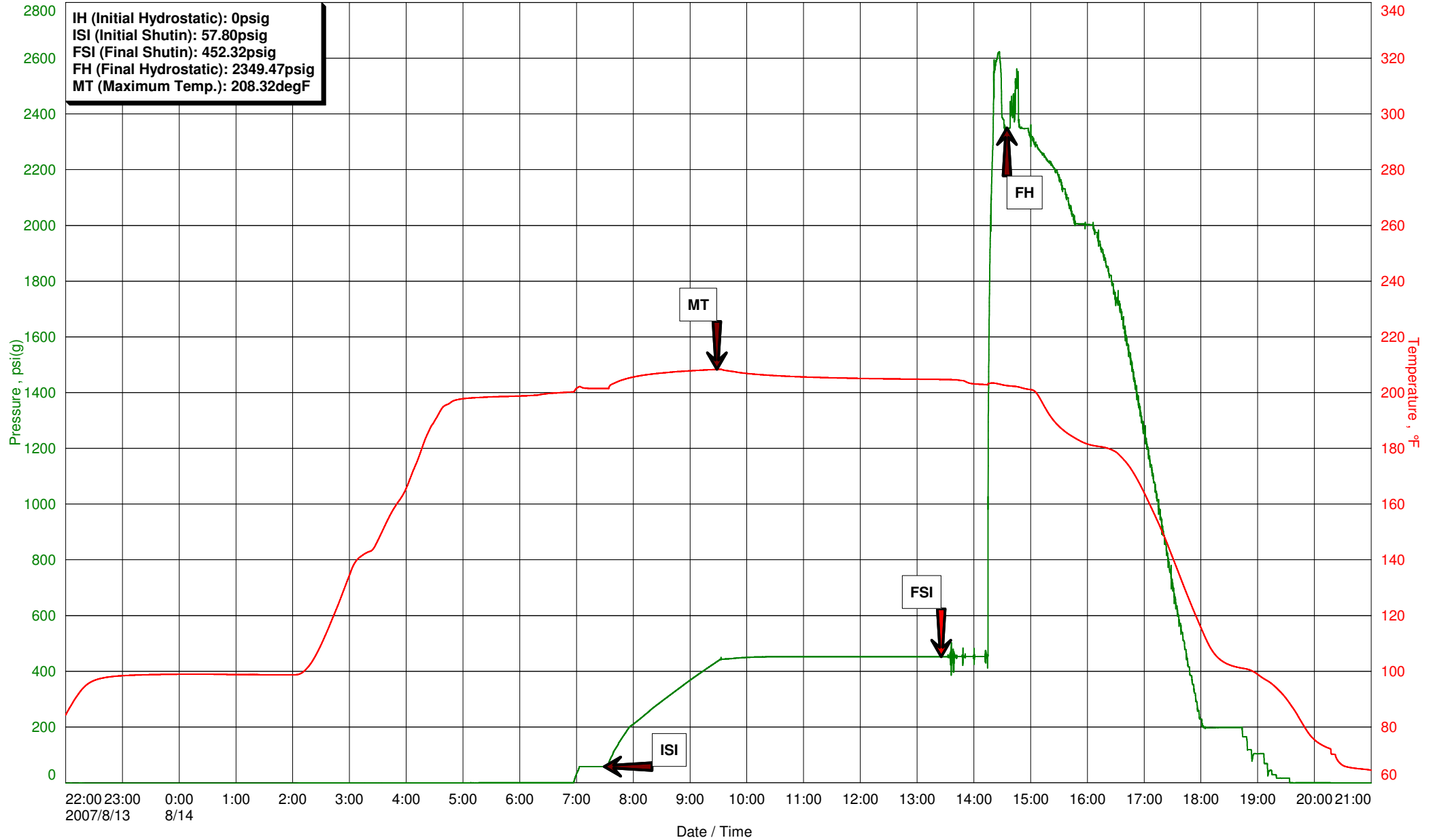
DEPTH:

	1459.95	
Packer	1.12	1459.95
Packer & Blank Off	2.66	1461.07
EMP Recorder WMG 6890	0.91	1463.73
Perforations	1.53	1464.64
Cross Over	0.30	1466.17
Drill Collars	55.91	1466.47 6 x Drill Collars
Cross Over	0.30	1522.38
Bullnose	1.32	1522.68

TOTAL DEPTH:

1524.00

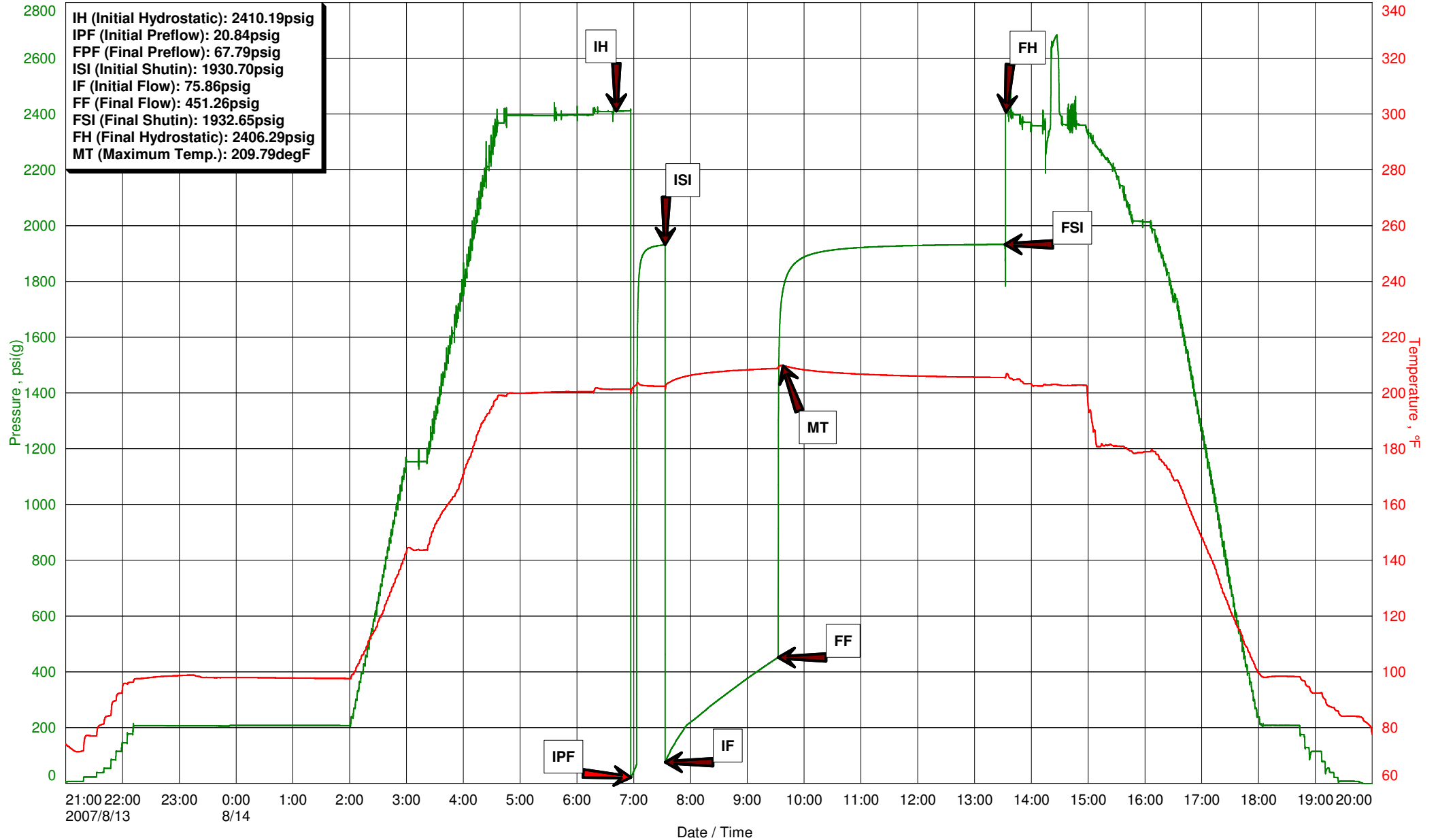
Bodalla South 18



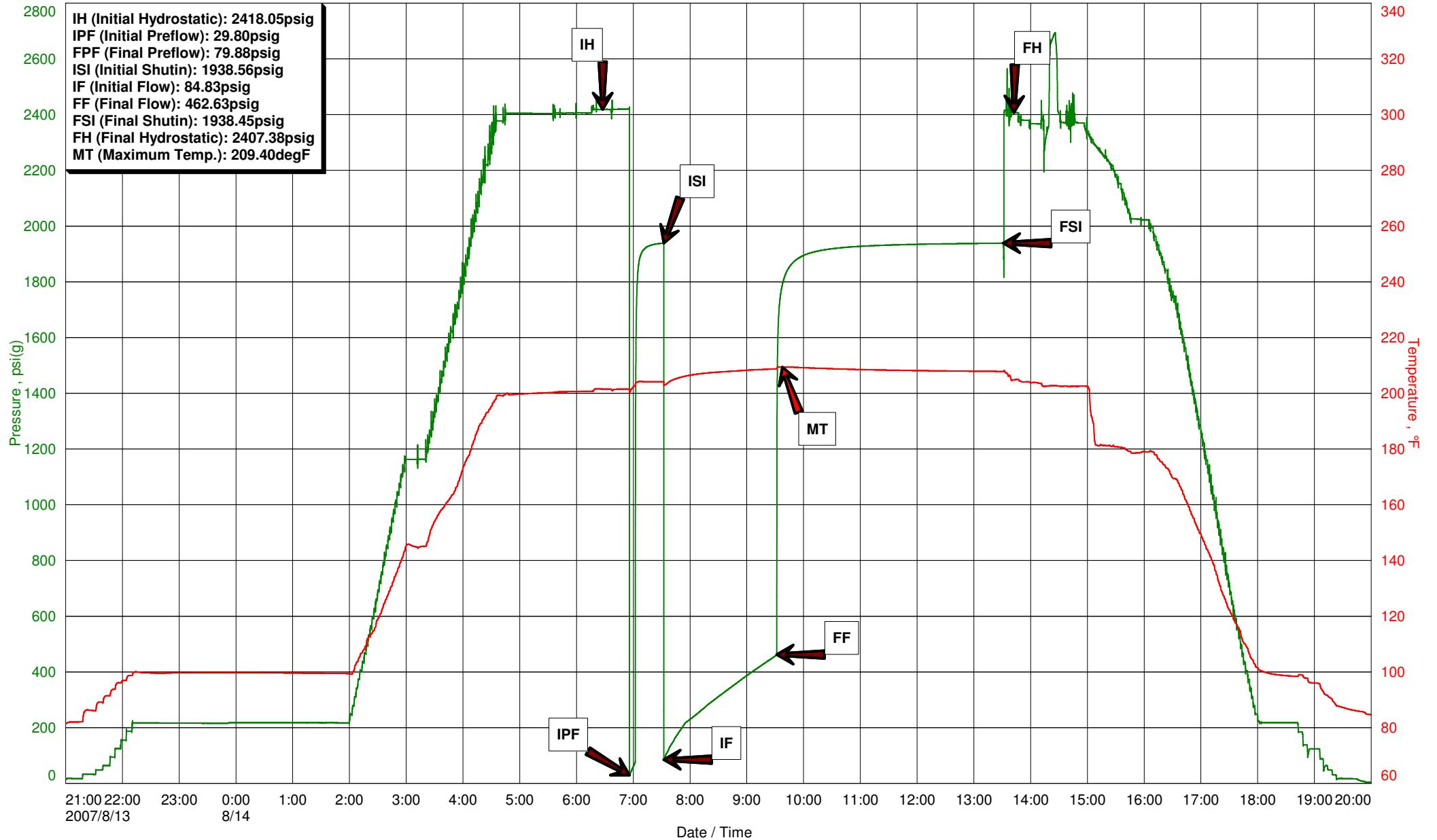
Beach Petroleum
Inside EMP Rec WMG 6885 Depth 1449.97m
Start Test Date: 2007/08/13

INSIDE REC DST 3
Formation: basal Birkhead Sst.
Job Number: DST 3

Bodalla South 18



Bodalla South 18



Beach Petroleum
Below Straddle EMP Rec WMG 6890 Depth 1463.73m
Start Test Date: 2007/08/13

BELOW STRADDLE REC DST 3
Formation: basal Birkhead Sst.
Job Number: DST 3

Bodalla South 18

