Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 46

15 Sep 2008 **From:** B. Openshaw/R. Rossouw
To: R Oliver

Longtom-4 H

Well Data

Country	Australia	MDBRT	4648.0m	Cur. Hole Size	9.500in	AFE Cost	AUD$81,987,600
Field	Longtom	TVDBRT	2695.9m	Last Casing OD	7.000in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2590.8m	Daily Cost	AUD$650,000
Rig	West Triton	Days from spud	86.94	Shoe MDBRT	4647.0m	Cum Cost	AUD$84,546,400
Wtr Dpth (MSL)	55.968m	Days on well	46.02	FIT/LOT:	1.68sg /		
RT-MSL	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	WOW to lay down overshot and nipple down BOP.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Nipple down BOP, perform ROV work and prepare rig for move.		

Summary of Period 0000 to 2400 Hrs

Pumped 150 bbl of drill water through landing string. POOH and laid out landing string. RIH with 10in soft bullnose on 5.5in DP, reverse circulated drill water at 92m and POOH. Ran ITC on MTHRT and pressured up to 3000 psi to assist setting of ITC but could not rotate pipe. POOH MTHRT and inspected tool and ITC. Ran 10in soft bullnose, jetted 600 bbl DW at 92m and POOH. Ran MTHRT/ITC, pressured to 2000 psi to assist setting and locked ITC in place. Pressure tested cavity below ITC, unlatched MTHRT and POOH laying down landing string jnts. Laid out 5.5in and 3.5in DP.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandonment		6 Days	Held at 11.00 hours.	Rig alarms activated. Smoke from compressor room, all crews mustered at life boat stations while source of smoke was investigated. Smoke generated from foam deluge pump. Good response by all crews.
BOP Test	1	8 Days	Pressure tested BOPs.	14 Days - 21 Sept 08 21 Days - 28 Sept 08
Environmental Incident		23 Days	SBM spill to ocean when back-loading to Supply Boat.	
First Aid Case		19 Days	Third Party received a small laceration to top of right thumb.	
PTW issued	16	0 Days		Permit to work issued for the day.
Safety Meeting		2 Days	Weekly safety meeting.	Weekly safety meeting.
STOP Card	26	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 15 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	F3	0000	0100	1.00	4648.0m	Lined up and pumped 150 bbl of drill water through landing string.
P21	P	G2	0100	0300	2.00	4648.0m	Laid out TIW valves and side entry sub, POOH and laid out 7in landing joints and MTHRT.
P21	P	G8	0300	0400	1.00	4648.0m	Changed out elevators, made up 10in soft bullnose and RIH on 5.5in DP to 92m.
P21	P	F3	0400	0430	0.50	4648.0m	Closed annular and reverse circulated 50 bbl of drill water using cement unit pumping at 5 bbl/min.
P21	P	G8	0430	0500	0.50	4648.0m	POOH and laid out jetting bullnose.
P21	P	G1	0500	0630	1.50	4648.0m	Picked up MTHRT and reset tool for Internal Tree Cap.
P21	TP (DH)	C3	0630	0930	3.00	4648.0m	M/U ITC onto MTHRT. RIH on 7in tubing to 1m above tubing hanger. Spotted 30 litres of Transaqua HT2 into top cavity of SST. Landed ITC in tubing hanger. Closed annular preventer and pressured up to 3000 psi to assist landing of ITC. Attempted to lock ITC in place, however only able to achieve 1 turn of running string (3.5 to 4.5 turns required).
P21	TP (DH)	C3	0930	1300	3.50	4648.0m	Picked up ITC 1m above tubing hanger and then repeated attempt to land & latch ITC without succes. POOH and inspected ITC / running tool. ITC appeared to have been in fully landed position, however junk seal was missing from the running tool and there was (mud?) solids type debris on ITC & running tool. Removed wireline guide from bottom of ITC. Prepared ITC & redressed MTHRT for re-running.
P21	TP (DH)	F3	1300	1400	1.00	4648.0m	RIH with 10in soft bullnose on 5.5in drill pipe to 92m. Jetted tubing hanger with seawater. Pumped a total of 600 bbls at 1500 gpm. POOH and laid out jetting bullnose.
P21	P	C3	1400	1900	5.00	4648.0m	M/U ITC onto MTHRT. RIH on 7in tubing to 1m above tubing hanger. Spotted 30 litres

Printed on 16 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							of Transaqua HT2 into top cavity of SST. Landed ITC in tubing hanger. Closed annular preventer and pressured up to 2000 psi to assist landing of ITC. Locked ITC in place with 4-12 turns of running string. Backed out 3.5 turns & confirmed ITC locked in place with 60 klbs overpull. Pressure test cavity between ITC & TH plug to 500 / 4000psi (5 mins each test) via TCT line.
P21	P	C3	1900	2030	1.50	4648.0m	Rotated landing string with 6 turns to unlatch MTHRT - shearing torque 13kft-lbs. POOH landing string and laid down same including MTHRT. Offline: Re-tested cavity between ITC and TH plug via TCT line to 4000 psi/5 min - OK.
P21	P	G1	2030	2100	0.50	4648.0m	Cleared rig floor and laid down tools including Weatherford.
P21	P	G1	2100	2400	3.00	4648.0m	Cleared catwalk of 7in landing string joints. Broke out and laid out 2 x TIW valves and side entry sub used for circulating 7in landing string. Laid out 6 stands of 5.5in DP from derrick and 1 stand of 3.5in DP.

Operations For Period 0000 Hrs to 0600 Hrs on 16 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G13	0000	0230	2.50	4648.0m	Rigged up 20T slings and pulled diverter. Difficulty pulling diverter - required removal of slings and use of bails to unlodge diverter from housing.
P21	TP (WOW)	G25	0230	0600	3.50	4648.0m	WOW: wind 50knts gusting to 60knts. Unable to continue working on BOP, standby boat unable to provide Fast Rescue Craft cover. Rigged down drill floor hoses and flowline.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 15 Sep 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Production Hole (2)(P12)	260.5	01 Aug 2008	11 Aug 2008	260.50	10.854	4648.0m
Liner (1)(P19)	291.5	11 Aug 2008	23 Aug 2008	552.00	23.000	4648.0m
Completion/Recompletion(P22)	456.5	24 Aug 2008	12 Sep 2008	1,008.50	42.021	4648.0m
Well Test(P24)	45	11 Sep 2008	13 Sep 2008	1,053.50	43.896	4648.0m
Suspend and Abandon(P21)	51	13 Sep 2008	15 Sep 2008	1,104.50	46.021	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 15 Sep 2008

Operational Comments	Rotary table elevation based on Fugro calculations; RT above LAT = 41.062m. RT above MSL/AHD 40.362m.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. New hydraulic pump on order? 2) Compensator for saver sub on TDS not operational resulting in excessive wear on saver sub threads. 3) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order. 4) Link tilt clamps slipping on bails - need to rectify this issue. 5) Bail retaining plates on top drive bent, increasing time to change out bails by 1/2 hour. Require new retaining plate 6) Number 4 main generator down. Exciter and generator sent ashore. 7) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 8) Pumping pressure read-out at Cyber chair display not accurate. At 2800psi pump pressure, cyber display reads 3600psi. 9) Remote controller for Iron Roughneck not operational. 10) Automatic drill pipe elevators not working. 11) Auto IBOP on TDS is sticky and does not operate smoothly - linkages distorted?? Drillers are not currently closing the IBOP while making connections as it is very difficult to re-open.

General Comments

12) Auto slips not being used as profile of slips not compatible with master bushing.

13) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System.

14) Choke manifold pressure gauges require callibrating.

15) Large pressure discrepancy on operating pressure for annular between rig floor and unit.

WBM Data

Cost Today AUD$ 2500

Mud Type:	API FL:	Cl:	Solids(%vol):	
Sample-From:	Filter-Cake:	K+C*1000:	H2O:	86%
Time:	HTHP-FL:	Hard/Ca:	Oil(%):	
Weight:	HTHP-cake:	MBT:	Sand:	
Temp:		PM:	pH:	
		PF:	PHPA:	

Viscosity	
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment

No treatments. Back Loaded 72 pails of LIQUI_VIS, and 48 Sx of N-VIS.

Received 26 SX of BARAZAN D PLU, 40 SX Guar Gum and 40 Sx of Soda Ash. I will charge these chemicals off when we reach Bazzard -1. Continued to clean Pits 1 through to 8 and both sand and slug pits.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	117	0	140.0
Rig Fuel	m3	0	5	0	197.0
POTABLE WATER	MT	14	28	0	188.0
Cement class \'G\'	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	0	0	65.0
Brine	m3	0	0	0	10.0
BLENDED CEMENT	MT	0	0	0	43.0

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	128.80m / 128.80m	168bbl class G at 15.9ppg, 200% excess.
16 "	/	750.03m / 750.03m	Lead 516 bbls "G" class at 12.5ppg. Tail 229 bbls "G" class at 15.80 ppg
10 3/4"	/ 1.68sg	2590.78m / 2337.57m	200bbl class "G" at 15.8ppg, TOC at 1900m
7 "	/	4647.00m / 2699.37m	Mixed and pumped 138 bbls "HTB" grade cement slurry at 15.0 ppg through perforations at 4560m - 4558m. Theoretical top of cement in 7in liner at 4520m Second cement job "HTB" grade cement slurry at 15.0 ppg through perforations at 2675m - 2673.5m.Theoretical top of cement in 7in liner/10.75in casing at 2569m Theoretical bottom of cement in 7in liner/9.5in hole at 2675m

Personnel On Board

Company	Pax
ADA	5
Seadrill	12
Seadrill Services.	39
Catering	9
Halliburton - Sperry	2
Baker Hughes Inteq	2
Halliburton - Sperry	2
Tamboritha	6
Expro Group	7
Schlumberger (Testing)	1
Weatherford	2
Cameron	3
National OilWell	2
Blohm and Voss	1

Personnel On Board

Dril-Quip	1
Schlumberger (Wireline)	3
Total	97

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Brian Auckram/Kostas Geogiou

Available	0.0bbl
Active	
Mixing	
Hole	
Slug	
Reserve	
Kill	

Losses	0.0bbl
Downhole	
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	

Equipment	Description	Mesh Size
Shaker 1	VSM-300	280
Shaker 1	VSM-300	280
Shaker 2	VSM-300	280
Shaker 2	VSM-300	280
Shaker 3	VSM-300	280
Shaker 3	VSM-300	280
Shaker 4	VSM-300	280
Shaker 4	VSM-300	280

Comments: Well Complete.

Marine

Weather on 15 Sep 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	50kn	250.0deg	997.1mbar	9C°	3.0m	240.0deg	7s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg	440.00klb	1865.00klb	3.3m	240.0deg	7s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Eden.

Item	Unit	Used	Quantity
Rig Fuel	m3		423.9
Potable Water	Mt		190
Drill Water	Mt		167
CEMENT G	Mt		42
Barite	Mt		42
Bentonite	Mt		42
SOBM	m3		110
Brine	m3		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			At rig

Item	Unit	Used	Quantity
Rig Fuel	m3		475.3
Potable Water	Mt		323
Drill Water	m3		277
CEMENT G	Mt		0
Barite	Mt		70
Bentonite	Mt		34.8
SOBM	m3		0
Base Oil	m3		0
Brine	m3		0

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1245 / 1308	14 / 18	De-mob of Well Test Crew