Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 37

06 Sep 2008 **From:** S De Frietas/S Schmidt.
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	77.94	Shoe MDBRT	4647.0m	Cum Cost	AUD$74,666,600
Wtr Dpth (MSL)	55.968m	Days on well	37.00	FIT/LOT:	1.68sg /		
RT-MSL	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	RIH with 9.50in gauge ring/junk basket.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Test Bop's 300/4000 psi 5/5 mins, POOH with test assembly and layout heavy weight drill pipe. Run 9.50in gauge ring and junk basket on Schlumberger wireline. Retreive Bore protector. Run completion string.		

Summary of Period 0000 to 2400 Hrs

POOH and laid out completion string. RIH and set Bore protecter in SST. RIH picking up 12 joints heavy weight drill pipe- made up BOP test plug and continued RIH.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		7 Days	Held at 10.30 hours.	Rig alarms activated. Gas leak at well test area, all crews mustered at alternative muster stations.
BOP Test		23 Days	Pressure tested Bop's.	14 Days - 28 Aug 21 days 4 Sept
Environmental Incident		14 Days	SBM spill to ocean when back-loading to Supply Boat.	Synthetic Based Mud was leaked to the ocean when a Transfer hose failed, spill was 21bbls.
First Aid Case		10 Days	Third Party received small laceration to top of right thumb.	The IP was walking between the bottom of the V door and cable spooling unit for the down hole gauge on the cantilever deck. As he did this he dragged his hand along the edge of the spooling unit and received a small laceration to the top of his right thumb.
PTW issued	11	0 Days		Permit to work issued for the day.
Safety Meeting	2	0 Days	Weekly Safety Meetings.	Weekly safety meeting held on Sundays .
STOP Card	39	0 Days		Stop cards submitted for the day.
Time Out For Safety	1	18 Days	TOFS	Held TOFS on drill floor with drill and deck crews at 22.30 hrs to highlight the hazards associated with repetitive tasks and remind personnel to keep focused on the job

Operations For Period 0000 Hrs to 2400 Hrs on 06 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	G8	0000	2000	20.00	4648.0m	POOH with completion string and laid out same. Average joints laid out per hour was 10 joints.
P22	TP (DH)	G13	2000	2200	2.00	4648.0m	Made up Bore protector running tool and bore protector, RIH and set same in SST. POOH and racked back running tool in derrick.
P22	TP (DH)	G13	2200	2400	2.00	4648.0m	RIH picking up 12 joints of heavy weight drill pipe - picked up and made up BOP test tool to heavy weight drill pipe and continue RIH.

Operations For Period 0000 Hrs to 0600 Hrs on 07 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	G13	0000	0130	1.50	4648.0m	RIH with BOP test plug set same in SST at 92.72m with 25k down. Flushed lines via Halliburton with 11.00 ppg brine and tested lines to 4000psi. Attempted to test BOP, fluid observed coming out of drill pipe. Picked up and set 25k down on test plug. Attempted to test BOP, fluid observed coming out of drill pipe. Picked up and made up test string to Top Drive. Set 35k down on test plug - observed test assembly traveled down 6 inches from previous mark.
P22	TP (DH)	G13	0130	0300	1.50	4648.0m	Pressure tested BOP Annular Rams and HCR's to 300psi/4000psi 5/5 mins. All good tests.
P22	P	G13	0300	0500	2.00	4648.0m	POOH with test assembly, laid out heavy weight drill pipe.
P22	P	E4	0500	0600	1.00	4648.0m	(IN PROGRESS) Rigged up Schlumberger wire line and RIH with 9.50in gauge ring/junk basket to 2482m. POOH - laid out tools and rigged down Schlumberger

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							wireline.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 06 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)	336	24 Aug 2008	06 Sep 2008	888.00	37.000	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 06 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. 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.
Operational Comments	ROV operations: Closed SSV control valves on SST. Opened Bore Protector cavity seal monitor. Maintenance of equipment and unit.
Operational Comments	Expro Well Testing: Rigging up equipment 100% of lines installed and equipment rigged up. Rig Cool: Rigging up equipment 100% of all equipment rigged up.
Operational Comments	Pressure tested Kill and Choke manifold valves to 300/5000 psi.

WBM Data

Cost Today AUD$ 2500

Mud Type:	Calcium Chloride Brine	API FL:		Cl:	282574mg/l	Solids(%vol):	
Sample-From:	Pit #6	Filter-Cake:		K+C*1000:		H2O:	100%
Time:	21:00	HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	10.90sg	HTHP-cake:		MBT:		Sand:	
Temp:	22C°			PM:		pH:	9.5
				PF:		PHPA:	

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

Comment: No treatments today. Transfered brine from pit 7 to pits 1, 2, 5.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	14	0	240.0
Rig Fuel	m3	0	11	0	263.0
POTABLE WATER	MT	12	31	0	137.0
Cement class \'G\'	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	0	0	65.0
SOBM	m3	0	0	0	2.0
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	8
Seadrill	11
Seadrill Services.	35
Catering	9
Halliburton - Sperry	2
Baker Hughes Inteq	2
Halliburton - Sperry	2
Tamboritha	3
Expro Group	12
Well Dynamics	2
Schlumberger (Testing)	2
Rigcool	2
Weatherford	4
Cameron	3
Schlumberger (Wireline)	3
Scottech	2
Baker Completions	2
Haliburton Completion Tools - Australasia	1
Total	105

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Brian Auckram/Kostas Georgiou

Available	**2798.2bbl**	**Losses**	**333.0bbl**	Equipment	Description	Mesh Size	Comments
Active	111.0bbl	Downhole		Shaker 1	VSM-300	280	
Mixing		Surf+ Equip	0.0bbl	Shaker 2	VSM-300	280	
Hole	1042.2bbl	Dumped	333.0bbl	Shaker 3	VSM-300	280	
Slug		De-Gasser		Shaker 4	VSM-300	280	
Reserve	1645.0bbl	De-Sander					
Kill		De-Silter					
		Centrifuge					

Marine

Weather on 06 Sep 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	12kn	24.0deg	1015.0mbar	12C°	1.0m	165.0deg	1s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg	440.00klb	2486.00klb	1.5m	165.0deg	6s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Battler		10.40	On route to location. ETA location 06.00 7-09-08	

Item	Unit	Used	Quantity
Rig Fuel	m3		613.312
Potable Water	Mt		328
Drill Water	Mt		267
CEMENT G	Mt		42
Barite	Mt		42
Bentonite	Mt		42
SOBM	m3		110
Brine	m3		95

Pacific Valkyrie

Item	Unit	Used	Quantity
Rig Fuel	m3		573.553
Potable Water	Mt		428
Drill Water	m3		487
CEMENT G	Mt		0
Barite	Mt		70
Bentonite	Mt		34.8
SOBM	m3		0
Base Oil	m3		0
Brine	m3		0

On location.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
bwj	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1134 / 1145	9 / 5	Well Test Crew