Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 27

27 Aug 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$758,600
Rig	West Triton	Days from spud	67.94	Shoe MDBRT	4647.0m	Cum Cost	AUD$65,556,200
Wtr Dpth (MSL)	55.968m	Days on well	27.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	POOH laying out 5.50in drill pipe. Depth at 06.00 = 650m.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Complete laying out of 5.50in drill pipe. RIH jet BOP'S and pull bore protector. Rig up and run completion.		

Summary of Period 0000 to 2400 Hrs

RIH with clean out assembly, worked scraper at 2234m - 2263m. Worked riser brushes through BOP's and riser. Displaced well to filtered inhibited brine at 11.00ppg. POOH laying out 5.50in drill pipe.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		3 Days	Held at 10.30 hours.	Rig alarms activated. Gas leak at well test area, all crews mustered at alternative muster stations.
BOP Test		13 Days	Pressure tested Bop's.	14 Days - 28 Aug 21 days 4 Sept
Environmental Incident		4 Days	SBM spill to ocean when back-loading to Supply Boat.	Synthetic Based Mud was leaked to the ocean when a Transfer hose failed, shortly after commencing back-loading to the Valkyrie Supply Boat. Approximately 5 minutes after commencing pumping, the rigs watch-stander observed discoloration in the water. The transfer pump was immediately shut down. Total volume of spill 21bbls SBM.
Medical Treatment Case	1	0 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. It should be noted that the IP was not wearing gloves at the time of the incident.
PTW issued	15	0 Days		Permit to work issued for the day.
Safety Meeting		4 Days	Weekly Safety Meetings.	Weekly safety meeting held on Sundays.
STOP Card	47	0 Days		Stop cards submitted for the day.
Time Out For Safety	1	8 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 27 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	G8	0000	0330	3.50	4648.0m	Continued to RIH with 10.750in clean up assembly BHA on 5.50in drill pipe to 2167m
P22	P	G2	0330	0430	1.00	4648.0m	Picked up and made up ball catcher and x-overs to 5.50in drill pipe.
P22	P	G8	0430	0600	1.50	4648.0m	RIH to 2233m. Worked cleanout assembly across HF-1 packer setting depth at 2242m, from 2233m - 2262m with 60rpm, 850gpm at 1200psi. Continued to RIH to 2480m.
P22	P	G2	0600	0700	1.00	4648.0m	Picked up and made up riser brush assembly.
P22	P	G20	0700	0800	1.00	4648.0m	RIH to with riser brush assembly through BOP's worked same across BOP's twice at 630gpm, 700psi.
P22	P	G20	0800	0900	1.00	4648.0m	Worked riser brush assembly through 22in HP riser and scraped AHC packer setting depth at 2526m to 2564m, with 60rpm, 930gpm, 1200psi.
P22	P	F3	0900	1000	1.00	4648.0m	Pumped 75 bbls Baraklean, 75 bbls Mud Flush and 75 bbls Hi Vis HEC pills.
P22	P	F3	1000	1130	1.50	4648.0m	Displaced well with 850 bbls 11.00 ppg filtered brine at 420gpm, 500psi. While working and rotating the string.
P22	P	G8	1130	1330	2.00	4648.0m	Flow checked on trip tank 15mins static losses at 1.70bbls/min. POOH from 2564m -2440m. Laid out 22in HP riser brush assembly.
P22	P	G8	1330	1730	4.00	4648.0m	Held JSA, changed out elevators and POOH, laying out 5.50in drill pipe to 2273m.

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	F3	1730	1830	1.00	4648.0m	Displaced well with 215 bbls inhibited 11.00 ppg filtered brine at 550gpm, 500psi.
P22	P	G8	1830	2100	2.50	4648.0m	POOH, laying out 5.50in drill pipe from 2273m - 2020m. Laid out CCV ball catcher and x-overs at 2147m.
P22	P	F3	2100	2200	1.00	4648.0m	Removed zip bails. Pumped and displaced a futher 415bbls inhibited 11.00 ppg filtered brine at 950gpm, 1000psi.
P22	P	G8	2200	2230	0.50	4648.0m	POOH and racked back 5 stands 5.50in drill pipe in derrick.
P22	P	G8	2230	2400	1.50	4648.0m	Rigged up zip bails and POOH laying out 5.50in drill pipe from 1872m - 1656m.

Operations For Period 0000 Hrs to 0600 Hrs on 28 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	P	G8	0000	0600	6.00	4648.0m	POOH laying out 5.50in drill pipe. Depth at 06.00hrs = 650m. Note: Drill pipe "U" Tubing at 1073m: Pumped 30bbls unfiltered brine at 11.30ppg down string to stop "U" Tubing.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 27 Aug 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)	96	24 Aug 2008	27 Aug 2008	648.00	27.000	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 27 Aug 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: Installing tooling attachment to ROV. Maintenance of equipment.
Operational Comments	Expro Well Testing: Rigging up equipment 65% of lines installed and equipment rigged up.

WBM Data

Cost Today AUD$ 10935

Mud Type:	Calcium Chloride Brine	API FL:		Cl:	294159mg/l	Solids(%vol):	
Sample-From:	Pit #8	Filter-Cake:		K+C*1000:		H2O:	100%
Time:	22:00	HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	11.05sg	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

Prepared 70bbl of 11.0ppg brine using sacks in slug pit for extra unfiltered brine volume and used to mix 75bbl Baraklean brine pill for displacement. Added 46bbl of 11.0ppg filtered brine to active pit #6 to allow sufficient volume for circulating. Initial displacement: Pumped 75bbl Baraklean pill. Prepared 75bbl 3% Flo-clean pill in slug pit and pumped. Pumped 75bbl HEC pill from pit #7, then displaced with 917bb of filtered 11.0ppg brine. Prepared 239bbl inhibited brine in pit #8. Attempt to filter conatminated brine, unable to filter. Dumped unfiltered contaminated brine from displacement of well to filtered brine and then to inhibited brine. Displacement to inhibited brine: Pumped 222bbl of inhibited 11.0ppg brine. Prepared further 447bbl of inhibited 11.0ppg brine and pumped 415bbl. Take returns of filtered brine from second displacement to pit #5 and #3. Filter further 160bbl brine from pit #3 to pit #4.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	265	40	0	345.0
Rig Fuel	m3	0	10	0	201.0
POTABLE WATER	MT	162	40	0	296.0
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	119	94	0	35.0
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 "HBT" grade cement slurry at 15.0 ppg through perforations at 4560m - 4558m. Theoretical top of cement in 7in liner at 4520m Second cement job "HBT" 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	12
Seadrill Services.	35
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	3
Tamboritha	3
Tasman Oil Tools	2
Reach	1
Expro Group	12
Well Dynamics	4
BHI	2
Schlumberger (Testing)	2
Rigcool	2
Weatherford	3
Cameron	3

Personnel On Board

Scottech	2
Total	107

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Gerald Lange/Tim Waldhuter

Available	**2571.3bbl**	**Losses**	**871.8bbl**
Active	680.0bbl	Downhole	52.0bbl
Mixing		Surf+ Equip	30.0bbl
Hole	1044.3bbl	Dumped	789.8bbl
Slug		De-Gasser	
Reserve	847.0bbl	De-Sander	
Kill		De-Silter	
		Centrifuge	

Equipment	Description	Mesh Size	Comments
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	

Marine

Weather on 27 Aug 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	225.0deg	1028.0mbar	10C°	2.0m	270.0deg	1s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg	440.00klb	2677.00klb	2.0m	270.0deg	6s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Battler		14.35	On route to Geelong. ETA Geelong 08.00 28-08-08	

Item	Unit	Used	Quantity
Rig Fuel	m3		531.128
Potable Water	Mt		433
Drill Water	Mt		190
CEMENT G	Mt		0
Barite	Mt		42
Bentonite	Mt		0
SOBM	m3		110
Brine	m3		0

SBM onboard.
SBM Dirty = 63m3
SBM Slops = 56m3

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Valkyrie	14.00		On location.	

Item	Unit	Used	Quantity
Rig Fuel	m3		466.431
Potable Water	Mt		255
Drill Water	m3		282
CEMENT G	Mt		0
Barite	Mt		70
Bentonite	Mt		34.8
SOBM	m3		0
Base Oil	m3		0
Brine	m3		114.2

SBM Slops: 0m3.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0959 / 1013	7 / 10	