Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 10

28 Jun 2008 **From:** S De Freitas/S Schmidt
To: R Oliver

Longtom-4

Well Data

Country	Australia	MDBRT	755.0m	Cur. Hole Size	22.000in	AFE Cost	AUD$81,987,600
Field	Longtom	TVDBRT	755.0m	Last Casing OD	16.000in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	750.0m	Daily Cost	AUD$1,347,100
Rig	West Triton	Days from spud	7.94	Shoe MDBRT	750.0m	Cum Cost	AUD$17,228,100
Wtr Dpth(MSL)	57.3m	Days on well	9.63	FIT/LOT:	/		
RT-ASL(MSL)	39.9m	Planned TD MD	5822.0m	Current Op @ 0600	Circulating hole clean for LOT.		
RT-ML	97.2m	Planned TD TVDRT	2702.0m	Planned Op	Conduct FIT. POOH and lay out 8in drill collars. Pick up 13.5in drilling assembly and drill 13.5in hole.		

Summary of Period 0000 to 2400 Hrs

Tensioned up CTU. Nippled up BOP and diverter system. Tested casing/shear rams to 2000psi. Laid out 9.5in drill collars. Picked up and RIH with 14.75in drill out assembly.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		9 Days	Held at 19.20 hours.	Rig alarms activated. OIM continued with full muster. On investigation no problem found.
First Aid Case		7 Days	First aid case.	Night chef received small laceration when opening box in galley.
Incident		8 Days	Near miss - Roustabout stepped into open grating.	A roustabout was removing chains and fastenings from equipment on the portside of the cantilever deck walkway when he walked into a hatch which had been left open. He managed to stop himself falling through to the next level.
PTW issued	14	0 Days		Permit to work issued for the day.
Safety Meeting	2	0 Days		Weekly safety meeting held at 0045 Sunday morning and 1300 on Sunday .
STOP Card	27	0 Days		Stop cards submitted for the day.
ToolBox Talk	6	0 Days	Held Tool box talk with crews for related tasks.	Held Pretour safety meetings with crews.

Operations For Period 0000 Hrs to 2400 Hrs on 28 Jun 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P6	TP (RE)	G13	0000	0230	2.50	755.0m	Made up Claxton clamp hand tight 4in above CTU and adjusted slip insert to engage on riser. Stroked open CTU pistons to 4in to contact Claxton clamp and adjusted slip inserts to ensure clamp level. Torqued up bolts on Claxton clamp to 2250 ft/lbs. Increased CTU pressure to support 100T.
P6	P	G13	0230	0300	0.50	755.0m	Stroked DQ running tool mandrel down and attempted to test HP riser again to 500 psi - DQ running tool still leaking. Backed out running tool and racked back same.
P6	P	G13	0300	0800	5.00	755.0m	Lowered CTU work platform onto Texas deck. Moved BOP from set back area and nippled up BOP to HP riser. Tensioned up on CTU to 200T.
P6	P	G13	0800	1200	4.00	755.0m	Picked up and installed mandrell on to BOP. Picked up and made up overshot to diverter and installed control hoses to same.
P6	P	G13	1200	1330	1.50	755.0m	Rigged up choke line on BOP.
P28	P	G24	1330	1430	1.00	755.0m	Cleared Texas deck of equipment and 22in elevators. Energized diverter system seals.
P6	P	P1	1430	1530	1.00	755.0m	Filled riser with seawater and pressure tested 16in casing, H4 connector and 22in riser against shear rams at 2000 psi for 10 mins: good test.
P11	P	G5	1530	1800	2.50	755.0m	Laid out 22in HP riser running tool. Laid out 22in BHA from derrick.
P11	P	G6	1800	1930	1.50	755.0m	Picked up and made up 14.75in drill out assembly and RIH to 51m.
P11	P	G1	1930	2030	1.00	755.0m	Changed out bails and rigged up auto-elevators.
P11	P	G11	2030	2130	1.00	755.0m	Serviced rig and updated driller's chair software.
P11	TP (RE)	G11	2130	2200	0.50	755.0m	Changed out auto elevators to manual elevators as rotating head not functioning with auto elevators installed.
P11	P	G8	2200	2230	0.50	755.0m	RIH with 5 stands of heavy weight drill pipe to 200m.
P11	P	G8	2230	2400	1.50	755.0m	RIH picking up 5.5in drill pipe singles from deck.

Operations For Period 0000 Hrs to 0600 Hrs on 29 Jun 2008

Australian Drilling Associates Pty Ltd ADA

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G8	0000	0300	3.00	755.0m	RIH picking up 5.5in drill pipe to 731.78m
P11	P	G8	0300	0330	0.50	755.0m	Washed down from 731.78m to TOC at 736m with 5k down.
P11	P	D1	0330	0430	1.00	755.0m	Drilled cement from 736m to 750m, drilled shoe at 750m and cleaned out rathole from 750m to 755m. WOB 10k, RPM 80, TORQUE 2-3K ft/lbs, GPM 1100, PSI 1700 (sea water).
P11	P	D2	0430	0500	0.50	758.0m	Drilled 14.75in hole from 755 - 758m. WOB 10k, RPM 80, TORQUE 2-3K ft/lbs, GPM 1100, PSI 1700 (sea water).
P11	P	F4	0500	0600	1.00	758.0m	Pumped 100 bbls hi/vis and circulated hole clean.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 28 Jun 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	35	19 Jun 2008	20 Jun 2008	35.00	1.458	0.0m
Conductor Hole(P2)	10.5	20 Jun 2008	21 Jun 2008	45.50	1.896	132.8m
Conductor Casing(P3)	19.5	21 Jun 2008	22 Jun 2008	65.00	2.708	132.8m
Surface Hole(P4)	54	22 Jun 2008	24 Jun 2008	119.00	4.958	755.0m
Surface Casing(P5)	40	24 Jun 2008	25 Jun 2008	159.00	6.625	755.0m
BOPs/Risers(P6)	62.5	26 Jun 2008	28 Jun 2008	221.50	9.229	755.0m
Other work scope(P28)	1	28 Jun 2008	28 Jun 2008	222.50	9.271	755.0m
Production Hole (1)(P11)	8.5	28 Jun 2008	28 Jun 2008	231.00	9.625	755.0m

General Comments

00:00 TO 24:00 Hrs ON 28 Jun 2008

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 on operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) CTU control panel has leaking valves, pressure regulator valve inoperable. Unit requires urgent attention. 4) Communication from driller to crew on drill floor inadequate. 5) Link tilt clamps slipping on bails - need to rectify this issue.
Operational Comments	Jar hours = 34.5 hours.
Operational Comments	Port crane out of service, broken wires on whip line and also on main block and wire on main block birds nested. Both whip line and main block lines require to be changed out ASAP.

SBM Data

Cost Today AUD$ 559876

Mud Type:	HTHP-Temp:	Ex.Lime:	Solids(%vol):	Viscosity	
Oil Type:	HTHP:	Salinity:	H2O:	YP	
Sample-From:	HTHP-FL:	Elec.Stab.:	Oil(%):	PV	
Time:	HTHP-cake:		Sand:	O/W Ratio:	
Weight:	CaCl mud:		LGS:	Gels 10s	
Temp:	CaCl WP:		Oil On Cut:	Gels 10m	
				Fann 003	
				Fann 006	
				Fann 100	
				Fann 200	
				Fann 300	
				Fann 600	

Comment: Received 1692bbl of SBM ACCOLADE mud. 160bbl remaining on Ocean Valkyrie. Adjust oil/water ratio to 70/30 and treat to ensure mud properties within specifications. Weight SBM with Barite to 12.0ppg.

Bit # 3

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	14.75in	IADC#	115	**Nozzles**		**Drilled over last 24 hrs**	**Calculated over Bit Run**
Mfr:	REED	WOB(avg)	12.00klb	No.	Size	Progress	Cum. Progress 0.0m
Type:	Rock	RPM(avg)	80	1	15/32nd"	On Bottom Hrs	Cum. On Btm Hrs 0.0h
Serial No.:	WC6252	F.Rate	1100gpm	3	20/32nd"	IADC Drill Hrs	Cum IADC Drill Hrs 0.0h
Bit Model	T11	SPP	1700psi			Total Revs	Cum Total Revs 0
Depth In	755.0m	HSI				ROP(avg) N/A	ROP(avg) 0.00 m/hr
Depth Out		TFA	1.093				

Bit Comment

BHA # 3

Weight(Wet)	50.00klb	Length	200.3m	Torque(max)		D.C. (1) Ann Velocity	186fpm
Wt Below Jar(Wet)		String		Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	144fpm
		Slack-Off				D.P. Ann Velocity	144fpm

BHA Run Description

BHA Run Comment: Drill out cement, rathole and 3m new formation.

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.38m			WC6252	
Bit Sub	1.23m	9.50in	3.00in	115581.105	
8in DC	37.83m	8.38in	2.88in		
Jars	9.60m	8.00in	3.00in	15881191	
8in DC	9.41m	8.38in	2.88in	1T8	
X/O	0.50m	8.25in	2.75in	11559	
HWDP	140.96m	5.50in	3.25in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	35	0	577.0
Rig Fuel	m3	0	3	0	119.0
POTABLE WATER	MT	15	32	0	263.0
Cement Class G	MT	0	0	0	71.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	0	0	208.0
SOBM	m3	0	0	0	143.0

Pumps

Pump Data - Last 24 Hrs | **Slow Pump Data**

No.	Type	Liner (in)	MW (sg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	1.00	97					30		176	40		234	50		293
2	National 14 P-220	6.50	1.00	97					30		176	40		234	50		293
3	National 14 P-220	6.50		97					30		176	40		234	50		293

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

Personnel On Board

Company	Pax
ADA	7
Seadrill	10
Seadrill Services.	41
Catering	9
Halliburton	3
Baker Hughes Inteq	5
Halliburton	2
Tamboritha	3
Q Tech	2
Cameron	1
Schlumberger MWD/LWD	3
ROV Inspection Systems	1
Dril-Quip	1
Other	1

Personnel On Board

Schlumberger DD	2
BHI	1
Tasman Oil Tools	1
Total	93

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Eugene Edwards/Tim Waldhuter

Available	**2520.8bbl**	**Losses**	**0.0bbl**
Active	1745.0bbl	Downhole	
Mixing		Surf+ Equip	0.0bbl
Hole		Dumped	
Slug		De-Gasser	
Reserve	455.8bbl	De-Sander	
Kill		De-Silter	
Guar Gum	320.0bbl	Centrifuge	

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 2	VSM-300	89
Shaker 3	VSM-300	89
Shaker 4	VSM-300	89

Comments

Marine

Weather on 28 Jun 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	70.0deg	1019.0mbar	14C°	1.0m	245.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg		2796.00klb	1.5m	230.0deg	7s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler		23.00	On route to Geelong.

Item	Unit	Used	Quantity
Rig Fuel	m3		497.6
Potable Water	Mt		457
Drill Water	Mt		270
CEMENT G	Mt		0
Barite	Mt		75
Bentonite	Mt		0
	bbl		452
	bbl		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	15.00		On location.

Item	Unit	Used	Quantity
Rig Fuel	m3		463.42
Potable Water	Mt		442
Drill Water	m3		615
CEMENT G	Mt		0
Barite	Mt		42.5
Bentonite	Mt		34.8
SOBM	m3		286
	m3		101
	m3		95.4