Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 12

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

Longtom-4

Well Data

Country	Australia	MDBRT	1447.0m	Cur. Hole Size	13.500in	AFE Cost	AUD$81,987,600
Field	Longtom	TVDBRT	1389.0m	Last Casing OD	16.000in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	689.0m	Shoe TVDBRT	750.0m	Daily Cost	AUD$1,020,000
Rig	West Triton	Days from spud	9.94	Shoe MDBRT	750.0m	Cum Cost	AUD$19,134,500
Wtr Dpth(MSL)	57.3m	Days on well	11.63	FIT/LOT:	/ 1.64sg		
RT-ASL(MSL)	39.9m	Planned TD MD	5822.0m	Current Op @ 0600	Drilling ahead at 1512m		
RT-ML	97.2m	Planned TD TVDRT	2702.0m	Planned Op	Drill 13.5in hole to TD.		

Summary of Period 0000 to 2400 Hrs

Serviced top drive and rig. Displaced well to OBM. Drilled 13.5in hole from 758m-1447m.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		3 Days	Held at10.30 hours.	Rig alarms activated.
Incident		10 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.
Incident	2	0 Days	Incident	Night utility slip on stairs striking elbow. Dogman slipped when walking on deck - he felt a strain in his groin.
PTW issued	9	0 Days		Permit to work issued for the day.
Safety Meeting		4 Days		Weekly safety meeting held at 0045 Sunday morning and 1300 on Sunday.
STOP Card	26	0 Days		Stop cards submitted for the day.
ToolBox Talk	5	0 Days	Held Tool box talk with crews for related tasks.	Held Pretour safety meetings with crews.

FORMATION

Name	Top
Labtrobe	1291.00m

Operations For Period 0000 Hrs to 2400 Hrs on 30 Jun 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G11	0000	0100	1.00	758.0m	Serviced rig and top drive.
P11	P	F4	0100	0330	2.50	758.0m	Held JSA with crews and made a final check on line up. Pumped 50 bbl hi/vis spacer and displaced well to OBM at 500 gpm and 1000 psi. Shut down with hi-vis spacer at surface and lined up returns to slops pit. Continued circulating out hi-vis spacer. Shut down with OBM at surface. Directed returns into sand traps and lined up returns to active pit. Displaced kill and choke lines, choke manifold and filled trip tank with OBM. Took SCR'S.
P11	P	D4	0330	2400	20.50	1447.0m	Drilled 13.5in directional hole from 758m to 1447m: Started build at 780m. Built up to 30 deg Inc at 1220m with 183.5 deg azimuth. Drilled tangent section maintaining 30 deg Inc and 183.5 deg azimuth from 1220m. Parameters: Press 2800 - 3300 psi, GPM 1050 - 1125, WOB 20-25 klbs, RPM 150, TQ 11-20k ft-lbs. Observed seepage losses of 10-20 bbls / hr in Latrobe formation.

Operations For Period 0000 Hrs to 0600 Hrs on 01 Jul 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D4	0000	0600	6.00	1512.0m	Drilled 13.5in hole from 1477m - 1512m maintaining 30 deg Inc and 183.5 deg azimuth. Parameters: Press 3250 psi, GPM 1125, WOB 15-25 klbs, RPM 80-150, TQ 11-20k ft-lbs. Encountered hard stringers at 1447m, 1505m and 1511m with ROP<0.5m / hour.

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Seepage looses of 10 - 20 bbls hour.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 30 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)	56.5	28 Jun 2008	30 Jun 2008	279.00	11.625	1447.0m

General Comments

00:00 TO 24:00 Hrs ON 30 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 =20.5 hours.
Operational Comments	Pit drill held while dilling, driller observed pit gain good fast effient responce.

SBM Data

Cost Today AUD$ 180422

Mud Type:	ACCOLADE	HTHP-Temp:	120C°	Ex.Lime:		Solids(%vol):	17%	Viscosity	78sec/qt
Oil Type:	ACCOLADE BASE	HTHP:	500psi	Salinity:	173349mg/l	H2O:	54%	YP	37lb/100ft²
		HTHP-FL:	4.4cc/30min	Elec.Stab.:	570mV	Oil(%):	28%	PV	37cp
Sample-From:	Pit 6	HTHP-cake:	1/32nd"			Sand:		O/W Ratio:	66/34
Time:	22:00	CaCl mud:	20.58			LGS:	2%	Gels 10s	15
Weight:	12.00sg	CaCl WP:				Oil On Cut:	6%	Gels 10m	20
Temp:	52C°							Fann 003	15
								Fann 006	16
								Fann 100	43
								Fann 200	
								Fann 300	74
								Fann 600	111

Comment: Prepare 50bbl high vis spacer for displacement with Rheomod L. Pump 50bbl high vis spacer and displace lines and well to ACCOLADE mud. Added barite direct to active to maintain mud weight 12.0ppg after displacement. Screened up shakers to 255's and 280's. Barite being stripped out, mud weight dropping to 11.7-11.9ppg. Screened down shakers to 215's to control mud weight at 12.0ppg. Added LE Supermul to active to ensure barite oil wet. Downhole losses in Latrobe formation of 10-20bbl/hr. Treated by direct addition of Steelseal, Circal 60/16 and Omyacarb 5 to active. Prepare 400bbl SBM premix using Base oil/Brine.

Bit # 4

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	13.50in	IADC#	M422	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	REED	WOB(avg)	25.00klb	No.	Size	Progress	689.0m	Cum. Progress	689.0m
Type:	PDC	RPM(avg)	140	3	18/32nd"	On Bottom Hrs	12.8h	Cum. On Btm Hrs	12.8h
Serial No.:	219224	F.Rate	1100gpm	3	16/32nd"	IADC Drill Hrs	20.5h	Cum IADC Drill Hrs	20.5h
Bit Model	RSX616M-A3	SPP	3375psi			Total Revs	98566	Cum Total Revs	98566
Depth In	758.0m	HSI				ROP(avg)	53.83 m/hr	ROP(avg)	53.83 m/hr
Depth Out		TFA	1.335						

Bit Comment

BHA # 4

Weight(Wet)	34.00klb	Length	183.1m	Torque(max)	12000ft-lbs	D.C. (1) Ann Velocity	245fpm

Wt Below Jar(Wet)	15.00klb	String	170.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	174.00klb	Torque(On.Btm)	8000ft-lbs	H.W.D.P. Ann Velocity	177fpm
		Slack-Off	154.00klb			D.P. Ann Velocity	177fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
PDC Bit	0.26m	13.50in		219224	
Power drive	4.21m	8.36in	3.00in	52680	
RSS Receiver Sub	1.88m	8.36in	3.00in	50566	
Flex joint	2.94m	8.13in	3.50in	49688	
PowerPulse HF (MWD)	8.38m	8.25in	4.25in	E405	
ARC8	5.53m	8.63in	4.38in	1815	
ADN 8	6.57m	8.63in	3.00in	VC73	
X/O	0.50m	8.25in	2.88in	11559	
HWDP	57.27m	7.00in	3.25in		See tally.
X/O	0.91m	7.00in	2.75in	11323.1	
6 1/2in Jars	9.73m	6.25in	2.75in	14161588	
X/O	1.22m	7.00in	2.88in	7142	
HWDP	84.60m	7.00in	3.25in		See tally.

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
783.28	0.5	304.1	783.25	1.5	1.5	-2.7	1.0	
812.94	2.3	203.3	812.90	1.0	1.0	-3.0	8.2	
842.62	5.2	198.0	842.52	-0.8	-0.8	-3.7	9.8	
872.25	7.2	192.1	871.97	-3.9	-3.9	-4.5	7.1	
901.94	8.2	183.9	901.40	-7.9	-7.9	-5.0	5.0	
931.42	10.2	179.9	930.49	-12.6	-12.6	-5.2	7.1	
960.94	13.9	179.8	959.36	-18.7	-18.7	-5.1	12.5	
990.68	17.5	179.0	987.99	-26.8	-26.8	-5.0	12.1	
1020.40	20.9	177.5	1016.05	-36.5	-36.5	-4.7	11.6	
1050.08	24.3	176.6	1043.45	-47.9	-47.9	-4.1	11.5	
1078.64	25.7	178.4	1069.33	-60.0	-60.0	-3.6	5.6	
1108.28	26.9	180.8	1095.90	-73.1	-73.1	-3.5	5.4	
1137.39	27.6	182.4	1121.78	-86.4	-86.4	-3.9	3.5	
1166.97	28.5	183.8	1147.89	-100.3	-100.3	-4.7	3.8	
1196.40	29.5	184.6	1173.63	-114.6	-114.6	-5.7	3.6	
1225.95	30.2	185.5	1199.26	-129.2	-129.2	-7.0	2.8	
1255.99	29.8	185.5	1225.27	-144.2	-144.2	-8.4	1.3	
1285.37	30.0	186.7	1250.74	-158.7	-158.7	-10.0	2.1	
1315.16	31.1	187.9	1276.40	-173.7	-173.7	-11.9	4.2	
1344.99	31.2	187.5	1301.92	-189.0	-189.0	-14.0	0.8	
1374.68	30.4	184.9	1327.43	-204.1	-204.1	-15.6	5.2	
1404.59	30.0	183.0	1353.28	-219.2	-219.2	-16.7	3.5	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	7	0	480.0
Rig Fuel	m3	0	15	0	102.0
POTABLE WATER	MT	12	23	0	242.0
Cement Class G	MT	0	0	0	71.0
Bentonite	MT	0	0	0	45.0
Barite	MT	102	99	10	194.0
SOBM	m3	0	0	0	143.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (sg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	1.40	97	94	3375	560
2	National 14 P-220	6.50	1.40	97	94	3375	560
3	National 14 P-220	6.50	1.40	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
758.0	20	50	120	30	70	176	40	100	234
	20		120	30		176	40		234
1377.0	20	200	120	30	250	176	40	300	234

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.	43
Catering	9
Halliburton	3
Baker Hughes Inteq	5
Halliburton	2
Tamboritha	3
Q Tech	2
Schlumberger MWD/LWD	3
ROV Inspection Systems	1
Schlumberger DD	2
BHI	1
Tasman Oil Tools	2
Total	93

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Eugene Edwards/Tim Waldhuter

Available	**2514.3bbl**	**Losses**	**235.6bbl**	Equipment	Description	Mesh Size	Comments
Active	234.0bbl	Downhole	82.6bbl	Shaker 1	VSM-300	255/280	
Mixing		Surf+ Equip	153.0bbl	Shaker 2	VSM-300	215/255	
Hole	932.3bbl	Dumped		Shaker 3	VSM-300	215/255	
Slug		De-Gasser		Shaker 4	VSM-300	89	
Reserve	991.0bbl	De-Sander					
Kill		De-Silter					
Brine	357.0bbl	Centrifuge					

Marine

Weather on 30 Jun 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	320.0deg	995.0mbar	11C°	2.5m	245.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg	440.00klb	2625.00klb	3.5m	230.0deg	7s	Wave and swell heights are estimates.

Comments

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

Bulks

Item	Unit	Used	Quantity
Rig Fuel	m3		473.461
Potable Water	Mt		445

Printed on 01 Jul 2008

				Item	Unit	Used	Quantity
				Drill Water	Mt		419
				CEMENT G	Mt		0
				Barite	Mt		42
				Bentonite	Mt		0
					bbl		452
					bbl		0

				Item	Unit	Used	Quantity
Pacific Valkyrie		10.00	On route to Geelong ETA Geelong 12.00	Rig Fuel	m3		435.04
				Potable Water	Mt		432
				Drill Water	m3		615
				CEMENT G	Mt		0
				Barite	Mt		42.5
				Bentonite	Mt		34.8
				SOBM	m3		25
					m3		101
					m3		2

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1020 / 1032	8 / 8	