Australian Drilling Associates Pty Ltd ADA

21 Jun 2008

From: S De Freitas/ R Rossouw
To: R Oliver

DRILLING MORNING REPORT # 3
Longtom-4

Well Data

Country	Australia	MDBRT	132.8m	Cur. Hole Size	36.000in	AFE Cost	AUD$81,987,600
Field	Longtom	TVDBRT	132.8m	Last Casing OD	30.000in	AFE No.	LSRDV01/6
Drill Co.	Seadrill	Progress	35.0m	Shoe TVDBRT	128.8m	Daily Cost	AUD$867,500
Rig	West Triton	Days from spud	0.94	Shoe MDBRT	128.8m	Cum Cost	AUD$9,711,000
Wtr Dpth(MSL)	57.0m	Days on well	2.63	FIT/LOT:	/		
RT-ASL(MSL)	40.0m	Planned TD MD	5919.0m	Current Op @ 0600	Attempting to stab into 30in wellhead at seabed.		
RT-ML	97.0m	Planned TD TVDRT	2699.0m	Planned Op	Stab into 30in wellhead at seabed and drill 22in hole.		

Summary of Period 0000 to 2400 Hrs

RIH with 36in BHA, tagged seabed at 97.0m and drilled 36in hole from 97m to 132m. Pumped 200bbl sweep and the filled hole with 280bbl inhibited mud. POOH and ran 3 joints of 30in conductor casing with shoe at 128.8m and stick-up above seabed of 1.9m. Cemented 30in conductor casing, WOC and POOH with running string.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		2 Days	Held at 19.20 hours.	Rig alarms activated. OIM continued with full muster. On investigation no problem found.
First Aid Case	1	0 Days	First aid case.	Night chef received small laceration when opening box in galley.
Incident		1 Day	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	11	0 Days		Permit to work issued for the day.
Safety Meeting		7 Days		Weekly safety meeting held at 1300 Saturday and 0045 on Sunday morning.
STOP Card	23	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 21 Jun 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	G6	0000	0100	1.00	0.0m	Continued making up 36in BHA and RIH same.
P2	P	E6	0100	0130	0.50	97.0m	Spaced out and tagged seabed at 97.03m. ROV unable to launch due to adverse weather. Took survey at seabed: 0.24deg.
P2	P	D2	0130	0400	2.50	132.8m	Spudded well at 01h20 and drilled 36in hole from 97m to 132.8m. Drilled first 10m using 300gpm, 3klbs, 50rpm then 1000gpm, 5klbs and 70 - 90 rpm. Pumped 3 x 75bbl flocculated gel sweeps during drilling. Maximum survey taken while drilling: 0.69 and 0.56 at TD (one survey of 3.1deg appears erroneous).
P2	P	F3	0400	0430	0.50	132.8m	Pumped 200bbl of flocculated gel sweep and then displaced hole with 280bbl inhibited mud from previous hole.
P2	P	G8	0430	0630	2.00	132.8m	POOH with 36in drilling assy from 132.8m to surface. Laid out 1 x 8.25in DC.
P3	P	G1	0630	0800	1.50	132.8m	Changed out bails to long 350T and installed 30in conductor handling equipment.
P3	P	G9	0800	1000	2.00	132.8m	Held JSA, picked up 30in conductor shoe, intermediate and wellhead joints and RIH same.
P3	P	G1	1000	1100	1.00	132.8m	Changed out bails to short 350T drilling bails.
P3	P	G9	1100	1500	4.00	132.8m	Picked up 30in running tool, made up to wellhead joint, made up bulls eye and RIH 30in conductor. Filled conductor with sea water with running tool at sea level and closed valve. Continued to RIH and stabbed conductor into seabed without ROV observation and set shoe at 128.8m. Stick-up above seabed: 1.9m
P3	P	F3	1500	1700	2.00	132.8m	Rigged up cement lines, held JSA and pumped 10bbl seawater. Pressure tested lines to 1500psi, pumped further 90bbl seawater followed by168bbl class G slurry at 15.9ppg (200% excess) and displaced cement using 57bbl seawater.
P3	P	F7	1700	2200	5.00	132.8m	Waited on cement. Offline: Pressure tested choke manifold valves 5, 11, 12, 13 and 14. Prepared next BHA and rigged down cement lines.
P3	P	G9	2200	2400	2.00	132.8m	Removed Low-Torque valve and placed bull plug in the open connection. Slacked off

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							running string - good indications of conductor being well supported. Unscrewed running tool with 5.5 turns and POOH running string to 9.6m, commencing break out of running tool.

Operations For Period 0000 Hrs to 0600 Hrs on 22 Jun 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G1	0000	0100	1.00	132.8m	Continued to break out 30in running tool and laid down same. Made up 18.75in wellhead running tool into string and racked back in derrick.
P3	P	G6	0100	0200	1.00	132.8m	Laid out 26in bit and 36in hole opener.
P4	P	G9	0200	0500	3.00	132.8m	Made up 22in BHA including picking up of 1 x 9.5in DC and laying down 1 x 8.25in DC.
P4	TP (WOW)	G8	0500	0600	1.00	132.8m	(IN PROGRESS) Made up TDS, performed shallow MWD test and attempted to stab into 30in wellhead at seabed, moving pipe to various positions. ROV was unable to be deployed due to adverse weather.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 21 Jun 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	28	19 Jun 2008	20 Jun 2008	28.00	1.167	0.0m
Conductor Hole(P2)	17.5	20 Jun 2008	21 Jun 2008	45.50	1.896	132.8m
Conductor Casing(P3)	17.5	21 Jun 2008	21 Jun 2008	63.00	2.625	132.8m

General Comments

00:00 TO 24:00 Hrs ON 21 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.
Operational Comments	***FINAL POSITION***: Lat 38deg 06' 17.701" South, Long 148deg 19' 59.9442" East, Rig heading 24.11deg T. Position 5.24m at 328.29deg T from intended location.
Operational Comments	Spud Can Penetrations: Port - 1.24m, Bow - 1.24m, Stbd - 1.14m
Operational Comments	Air gap: 17m, RT - Sea level: 39.9m, RT - Sea bed: 97.03, Water depth: 57.1m. Time of observation: 01h20 on 21 June 2008.
Operational Comments	BOP fully tested, only one test remaining on the choke manifold, standpipe manifold not yet tested.
Operational Comments	Link tilt clamps slipping on bails. Unable to resolve satisfactorily.

WBM Data

Mud Type:	KCl/Polymer	API FL:	6.0cc/30min	Cl:	42000mg/l	Solids(%vol):	11%
Sample-From:	Pit 6	Filter-Cake:	1/32nd"	K+C*1000:	8%	H2O:	86%
Time:	20:00	HTHP-FL:	12.0cc/30min	Hard/Ca:	360mg/l	Oil(%):	
Weight:	1.33sg	HTHP-cake:	2/32nd"	MBT:	7.5	Sand:	0.5
Temp:	25C°			PM:	0.1	pH:	9.5
				PF:	0.1	PHPA:	2ppb

Comment

Cost Today

Viscosity	60sec/qt
PV	16cp
YP	29lb/100ft²
Gels 10s	13
Gels 10m	22
Fann 003	11
Fann 006	13
Fann 100	25
Fann 200	36
Fann 300	45
Fann 600	61

Bit # 1RR

Wear	I	O1	D	L	B	G	O2	R
	1	1	WT	A	0	I	NO	TD

Bitwear Comments:

Size ("):	26.00in	IADC#	111	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	REED	WOB(avg)	5000.00klb	No.	Size	Progress	35.0m	Cum. Progress	35.0m
Type:	Rock	RPM(avg)	90			On Bottom Hrs	2.6h	Cum. On Btm Hrs	2.6h
Serial No.:	34406	F.Rate	1000gpm			IADC Drill Hrs	2.5h	Cum IADC Drill Hrs	2.5h
Bit Model	Y11C	SPP	800psi			Total Revs		Cum Total Revs	0
Depth In	97.0m	HSI				ROP(avg)	13.46 m/hr	ROP(avg)	13.46 m/hr
Depth Out	132.0m	TFA	0.000						

Bit Comment	Used bit.

BHA # 1

Weight(Wet)	32.00klb	Length	70.3m	Torque(max)	8000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)		String	100.00klb	Torque(Off.Btm)	500ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off				D.P. Ann Velocity	0fpm

BHA Run Description	26in bit, 36in H/O, bit sub, Power Pulse, 2x 9.5in DC's, X/O, 4x 8.25in DC's.
BHA Run Comment	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
DRILL WATER	MT	0	76	0	310.0
Rig Fuel	m3	0	8	0	179.0
POTABLE WATER	MT	12	24	0	143.0
Cement Class G	MT	0	30	0	84.0
Bentonite	MT	0	9	0	52.0
Barite	MT	0	0	0	166.0

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	1.00	97	86	800	500
2	National 14 P-220	6.50	1.00	97	86	800	500
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
	30		176	40		234	50		293
	30		176	40		234	50		293
	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.

Personnel On Board

Company	Pax
ADA	4
Seadrill	11
Seadrill Services.	42
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	6
Q Tech	1
Cameron	1
Schlumberger MWD/LWD	2
ROV Inspection Systems	1
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Brian Auckram/James Munford

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

Comments

Transfer 840bbl to Pacific Battler

Printed on 22 Jun 2008

Marine

Weather on 21 Jun 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	35kn	225.0deg	1020.0mbar	11C°	1.9m	225.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg		2235.00klb	3.1m	230.0deg	7s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Battler			Enroute to Geelong	

Item	Unit	Used	Quantity
Rig Fuel	m3		305.8
Potable Water	Mt		295
Drill Water	Mt		50
CEMENT G	Mt		0
Barite	Mt		33
Bentonite	Mt		0
MUD	m3		0
	m3		0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Valkyrie	18h35		At rig	

Item	Unit	Used	Quantity
Rig Fuel	m3		572.3
Potable Water	Mt		435
Drill Water	m3		729
CEMENT G	Mt		43
Barite	Mt		42.5
Bentonite	Mt		34.8