Australian Drilling Associates Pty Ltd ADA

12 Sep 2008

From: B. Openshaw/R. Rossouw
To: R Oliver

DRILLING MORNING REPORT # 43
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$4,461,700
Rig	West Triton	Days from spud	83.94	Shoe MDBRT	4647.0m	Cum Cost	AUD$82,660,200
Wtr Dpth (MSL)	55.968m	Days on well	43.02	FIT/LOT:	1.68sg /		
RT-MSL	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	Flowing/flaring well.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Continue flowing/flaring well.		

Summary of Period 0000 to 2400 Hrs

RIH GS tool with inner prong removed to check depth of RX plug. Tagged plug at 2473m (at x/over below 4.313in nipple) and POOH. Loaded full GS tool and jar with upgraded capacity on jar. RIH, latched onto plug and jarred same free. POOH and recovered 4.313in RX plug. Retrieved protection sleeve with slick line. Installed Otis pressure test cap and tested same to 4000psi - OK. Performed ESD test and opened well to flow.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandonment		3 Days	Held at 11.00 hours.	Rig alarms activated. Smoke from compressor room, all crews mustered at life boat stations while source of smoke was investigated. Smoke generated from foam deluge pump. Good response by all crews.
BOP Test	1	5 Days	Pressure tested BOPs.	14 Days - 21 Sept 08 21 Days - 28 Sept 08
Environmental Incident		20 Days	SBM spill to ocean when back-loading to Supply Boat.	
First Aid Case		16 Days	Third Party received a small laceration to top of right thumb.	
PTW issued	15	0 Days		Permit to work issued for the day.
Safety Meeting		1 Day	Pre-flow Safety.	Pre-flow safety meeting prior to flowing and flaring well.
STOP Card	45	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 12 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P22	TP (DH)	C3	0000	0230	2.50	4648.0m	Completed pressure test on lubricator to 4000 psi. RIH with GS tool with inner prong removed and tagged top of 4.313in plug at 2473m. Observed tool passing through 4.313in nipple at 2457m. POOH tool and removed same from lubricator.
P22	TP (DH)	C3	0230	0600	3.50	4648.0m	Loaded GS tool and jar, with upgraded capacity of 800 lbs, into lubricator and tested lubricator to 4000 psi. RIH tool on slick line. Latched onto plug and jarred on same. Plug appeared to come free with good indication of additional weight on slick line. Worked plug and tool through 4.313in nipple at 2457m. POOH to surface - 4.313in RX plug recovered.
P22	P	C3	0600	0730	1.50	4648.0m	Made up GS tool and tested lubricator to 4000 psi. RIH and retrieved wireline protection sleeve. Retrieved protection sleeve from lubricator, laid down tools and lubricator.
P22	P	G1	0730	0830	1.00	4648.0m	Installed Otis pressure test cap and pressure tested same to 4000 psi/5 min. Performed ESD function test - OK. Confirmed all valves correctly lined up and completed pre-flow checklist. (Pre-flow meeting held on 11/09)
P24	P	C8	0830	2400	15.50	4648.0m	Commenced flowing/flaring well taking first of diesel cushion into surge tank. Continued flowing/flaring well. Maintained annulus pressure between 200 - 400 psi.

Operations For Period 0000 Hrs to 0600 Hrs on 13 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P24	P	C8	0000	0600	6.00	4648.0m	(IN PROGRESS) Continued to flow/flare well. Bled off annular pressure and shut well in at 19:50 hrs

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 12 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

'Copyright IDS 2007', 20071227, ADA_AU_drllg
Printed on 14 Sep 2008

Phase Data to 2400hrs, 12 Sep 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Liner (1)(P19)	291.5	11 Aug 2008	23 Aug 2008	552.00	23.000	4648.0m
Completion/Recompletion(P22)	456.5	24 Aug 2008	12 Sep 2008	1,008.50	42.021	4648.0m
Well Test(P24)	24	11 Sep 2008	12 Sep 2008	1,032.50	43.021	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 12 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.

WBM Data

Cost Today AUD$ 2500

Mud Type:	Calcium Chloride Brine	API FL:		Cl:	282200mg/l	Solids(%vol):	
Sample-From:	Pit #7	Filter-Cake:		K+C*1000:		H2O:	100%
Time:	22:00	HTHP-FL:		Hard/Ca:	130000mg/l	Oil(%):	
Weight:	10.90sg	HTHP-cake:		MBT:		Sand:	
Temp:	20C°			PM:		pH:	9.5
				PF:		PHPA:	

Viscosity	26sec/qt
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment: Charged for 2 x bulk containers of BARA KLEAN NL plus used for pit, tank and rig cleaning.
Transfered brine from pits # 1, 2 and % into pit # 3 and contaminated brine into pit #1 for flaring.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	38	0	166.0
Rig Fuel	m3	0	22	0	160.0
POTABLE WATER	MT	14	27	0	131.0
Cement class \'G\'	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0
Barite	MT	0	0	0	65.0
Brine	m3	0	0	0	10.0
BLENDED CEMENT	MT	0	0	0	43.0

'Copyright IDS 2007', 20071227, ADA_AU_drllg

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	9
Seadrill	12
Seadrill Services.	34
Catering	9
Halliburton - Sperry	2
Baker Hughes Inteq	2
Halliburton - Sperry	2
Tamboritha	6
Expro Group	16
Schlumberger (Testing)	2
Rigcool	2
Weatherford	2
Cameron	3
Total	101

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Brian Auckram/Kostas Geogiou

Available	**1918.0bbl**
Active Mixing	
Hole Slug	66.0bbl
Reserve	1852.0bbl
Kill	

Losses	**4.0bbl**
Downhole Surf+ Equip	4.0bbl
Dumped	
De-Gasser	
De-Sander	
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 12 Sep 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	19kn	285.0deg	997.0mbar	20C°	0.2m	140.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg	440.00klb	2276.00klb	0.9m	140.0deg	10s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At rig

Bulks

Item	Unit	Used	Quantity
Rig Fuel	m3		527.3
Potable Water	Mt		301
Drill Water	Mt		267
CEMENT G	Mt		42
Barite	Mt		42
Bentonite	Mt		42
SOBM	m3		110
Brine	m3		0

'Copyright IDS 2007', 20071227, ADA_AU_drllg

Pacific Valkyrie			At rig

Item	Unit	Used	Quantity
Rig Fuel	m3		502.7
Potable Water	Mt		399
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

'Copyright IDS 2007', 20071227, ADA_AU_drllg