Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 45

14 Sep 2008 **From:** B. Openshaw/R. Rossouw
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$619,600
Rig	West Triton	Days from spud	85.94	Shoe MDBRT	4647.0m	Cum Cost	AUD$83,896,400
Wtr Dpth (MSL)	55.968m	Days on well	45.02	FIT/LOT:	1.68sg /		
RT-MSL	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	Resetting MTHRT for Internal Tree Cap.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Run Internal Tree Cap on 7in tubing and test same. POOH landing string and lay down same. Lay down DP in derrick. Recover umbilical deployment frame. Nipple down BOP.		

Summary of Period 0000 to 2400 Hrs

Pumped 87 bbl of diesel contaminated brine to separator. Ran 5.25in Tubing Hanger plug and pressured up to 3000 psi to set same. Pressure tested top of plug to 4000psi - OK. Made 3 attempts at inflow test of plug before being successful. Rigged down slickline and surface lines, and laid out flowhead & extended bails. Made up 2 x TIW valves with side entry sub and LT valve to the top of landing string and unlatched MTHRT with 6 turns to the right.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandonment		5 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	7 Days	Pressure tested BOPs.	14 Days - 21 Sept 08 21 Days - 28 Sept 08
Environmental Incident		22 Days	SBM spill to ocean when back-loading to Supply Boat.	
First Aid Case		18 Days	Third Party received a small laceration to top of right thumb.	
PTW issued	16	0 Days		Permit to work issued for the day.
Safety Meeting		1 Day	Weekly safety meeting.	Weekly safety meeting
STOP Card	54	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 14 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	F3	0000	0030	0.50	4648.0m	Rigged up and pumped approx 87 bbl of diesel contaminated brine to separator for flaring.
P21	P	G1	0030	0130	1.00	4648.0m	Held PJSM, rigged up to run slickline operations and loaded 5.25in Tubing Hanger plug and r/tool into lubricator.
P21	P	F3	0130	0200	0.50	4648.0m	Flushed surface testing lines with drill water via flare boom.
P21	P	P1	0200	0300	1.00	4648.0m	Tested lubricator to 4000 psi - OK.
P21	P	C3	0300	0530	2.50	4648.0m	RIH with 5.25in Tubing Hanger plug to 93.3m. Filled landing string and slowly pressured up on plug to 3000 psi to set plug. Pressure tested plug to 4000psi - OK (2 attempts).
P21	P	C3	0530	0600	0.50	4648.0m	POOH R/tool and remove same from lubricator.
P21	TP (DH)	P1	0600	1500	9.00	4648.0m	Tested Tubing Hanger plug from below using 1500 psi between plug and SSSV - pressure increased to 3400 psi and stabilised. Suspected SSSV leaking. Assessed the situation & discussed with shore support. Opened annulus valve, pressured up above SSSV to 3400 psi and then bled off. Operated SSSV and attempted to repeat inflow test on SSSV without success (2 attempts).
P21	TP (DH)	P1	1500	1630	1.50	4648.0m	Pressured above SSSV to 3400ps via the annulus. Bullheaded 2bbls fluid through the SSSV flapper into the well. Bled off pressure using the rig choke to 370psi (Xtree) and obtained successful inflow test on SSSV - pressure increased by 70psi over a 62minute period.
P21	P	G1	1630	1830	2.00	4648.0m	Held JSA and rigged down slickline equipment, flushed manifold and rigged down surface lines.
P21	P	G1	1830	2230	4.00	4648.0m	Held JSA, rigged down flowhead and laid out same. Laid out extended bails and rigged up 350 ton bails. Made up 2 x TIW valves with side entry sub and LT valve and made up same to landing string.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	C3	2230	2400	1.50	4648.0m	Held landing string weight and with annular in low pressure closed position, rotated string with 6 1/4 turns (13 kft-lb torque) and unlatched MTHRT. Lifted string 300mm and allowed u-tube pressures to equalise.

Operations For Period 0000 Hrs to 0600 Hrs on 15 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	F3	0000	0100	1.00	4648.0m	Lined up and pumped 150bbl drill water through landing string.
P21	P	G2	0100	0300	2.00	4648.0m	Laid out TIW valves and side entry sub, POOH and laid out 7" landing joints and MTHRT.
P21	P	G8	0300	0400	1.00	4648.0m	Changed out elevators, made up 10" soft bullnose and RIH on 5.5" DP to 92m.
P21	P	F3	0400	0430	0.50	4648.0m	Closed annular and reverse circulated 50bbl drill water using cement unit pumping at 5bbl/min.
P21	P	G8	0430	0500	0.50	4648.0m	POOH and laid out jetting bullnose.
P21	P	G1	0500	0600	1.00	4648.0m	Picked up MTHRT and reset tool for Internal Tree Cap.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 14 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
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)	45	11 Sep 2008	13 Sep 2008	1,053.50	43.896	4648.0m
Suspend and Abandon(P21)	27	13 Sep 2008	14 Sep 2008	1,080.50	45.021	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 14 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. 14) Choke manifold pressure gauges require callibrating. 15) Large pressure discrepancy on operating pressure for annular between rig floor and unit.

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:	86%
Time:	02:20	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: No treatments. Continued to dilute 1/3 brine to 2/3 Sea Water and dumped Whilst dumping Continued to add Sea Water to further dilute. Also used the same process to dump the Sand and trip tanks. No testing from here pits are empty.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	100	3	0	257.0
Rig Fuel	m3	75	3	0	202.0
POTABLE WATER	MT	114	24	0	202.0
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

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	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
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

Comments

Well Complete.

Marine

Weather on 14 Sep 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	23kn	27.0deg	1000.7mbar	12C°	0.6m	70.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg	440.00klb	2469.00klb	1.4m	70.0deg	7s	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		440.8
Potable Water	Mt		193
Drill Water	Mt		167
CEMENT G	Mt		42
Barite	Mt		42
Bentonite	Mt		42
SOBM	m3		110
Brine	m3		0

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

Bulks

Item	Unit	Used	Quantity
Rig Fuel	m3		489.1
Potable Water	Mt		388
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