Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 17

17 Aug 2008 **From:** S De Frietas/S Schmidt.
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$627,300
Rig	West Triton	Days from spud	57.94	Shoe MDBRT	4647.0m	Cum Cost	AUD$57,475,300
Wtr Dpth (MSL)	55.968m	Days on well	17.00	FIT/LOT:	1.68sg /		
RT-ASL (MSL)	41.100m	Planned TD MD	5822.000m	Current Op @ 0600	Picking up and making up 7in ESSV.		
RT-ML	97.068m	Planned TD TVDRT	2702.000m	Planned Op	Perforate 7in liner at 2675m. POOH and rig down wire line. RIH with ESZV and set same at 2669m. Cement 7 inch liner and POOH.		

Summary of Period 0000 to 2400 Hrs

Circulated and conditioned mud weight in and out until mud weight reached 12.10 ppg. Unset RTTS and POOH to 2590m :RTTS depth. Set RTTS. Mixed and pumped 137 bbls of "HBT" grade cement slurry at 15.00 ppg and displaced same. Unset RTTS and circulated bottoms up: no cement returns. POOH.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	Held at 10.30 hours.	Rig alarms activated. Fire and Abandon drill conducted.
BOP Test		3 Days	Pressure tested BOPs.	14 Days - 18th August 21 Days - 04th Sept
Dropped Object		35 Days	Broken bolt on Link Tilt bracket.	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break. The end of the bolt (10mm x 50mm) fell to the rig floor. Clamp remained coupled to the Bail Arm.
Incident		10 Days	Environmental spill	Overflow at mud shaker at start-up of drilling caused 3bbl mud to be lost overboard.
Incident	1	0 Days	Sling failure when stretched.	A 0.50 ton rated sling failed that was connected to a Rig Floor winch and used to locate the low-torque valve and hose assembly at the Side entry sub on the Drill String. The Driller lowered the Drill string to maintain required weight on the RTTS, and this resulted in the sling stretching until it parted.
Medical Treatment Case		4 Days	Strained lower back from slip.	Medic strained her when she slipped on a wet spot on the floor at the galley, causing pain to the lumbar area of her back. Self administered First Aid and RTW.
PTW issued	5	0 Days		Permit to work issued for the day.
Safety Meeting		1 Day	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300hrs Saturday and 0045hrs on Sunday .
STOP Card	38	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 17 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TP (DH)	F4	0000	0100	1.00	4648.0m	Circulated and conditioned mud for even weight in and out at 12.10ppg.
P19	TP (DH)	F4	0100	0130	0.50	4648.0m	Unset 7in RTTS. Circulated at 6.6 bbls/min at 2400 psi for 15 mins.
P19	TP (DH)	G8	0130	0330	2.00	4648.0m	POOH 6m: observed swabbing. Reset 7in RTTS and opened circulation valve, unset RTTS. Continued POOH to 2590m, 7in RTTS depth. No further swabbing observed.
P19	TP (DH)	G10	0330	0400	0.50	4648.0m	Made up cement stand and set 7in RTTS at 2590m with 5 turns to the right and confirmed set with 25k down.
P19	TP (DH)	F3	0400	0600	2.00	4648.0m	Held JSA and rigged up cement lines. Halliburton tested lines to 3,000 psi. Pumped 30 bbls fresh water spacer followed by 60 bbls of 13.5 ppg Tuned Spacer and 10 bbls of fresh water at 8 BPM. Mixed and pumped 138 bbls of "HBT" grade cement slurry at 15.0 ppg. Commenced displacement with 10 bbls fresh water and SBM. Theoretical top of cement within 7in liner at 4520m. Theoretical top of cement within 7in liner/ 9.50 inch hole at 3550m.
P19	TP (DH)	G1	0600	0700	1.00	4648.0m	Checked back flow: OK. Rigged down cement hose and unset 7in RTTS.
P19	TP	F4	0700	0900	2.00	4648.0m	Broke circulation. Racked back cement stand. Continued circulating bottoms up. No

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
	(DH)						cement returns observed at shakers.
P19	TP (DH)	G8	0900	1430	5.50	4648.0m	POOH with TCP/ 7 inch RTTS assembly to 2005m.
P19	P	G8	1430	1500	0.50	4648.0m	Moved cement stand to drill collar fingers and RIH 4 stands of rental HT55 drill pipe.
P19	P	G8	1500	1700	2.00	4648.0m	POOH and laid out 12 joints of HT55 drill pipe.
P19	TP (DH)	G4	1700	1730	0.50	4648.0m	Moved 5 stands of HWDP to front of finger board to enable rack back of all 3.5in drill pipe.
P19	TP (DH)	G8	1730	1830	1.00	4648.0m	Changed out to 3.5in elevators. POOH from 2005m - 1592m.
P19	TP (DH)	G15	1830	2000	1.50	4648.0m	Serviced, broke and laid out 7in RTTS.
P19	TP (DH)	G8	2000	2400	4.00	4648.0m	Pumped slug and continued to POOH to TCP gun assembly.

Operations For Period 0000 Hrs to 0600 Hrs on 18 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P19	TP (DH)	G8	0000	0100	1.00	4648.0m	Laid out TCP gun assembly.
P19	TP (DH)	G11	0100	0130	0.50	4648.0m	Laid out excess drilling equipment and cleaned rig floor of SBM.
P19	TP (DH)	C2	0130	0600	4.50	4648.0m	Held JSA and rigged up Schlumberger wireline. Made up GR/CCL/HSD gun and RIH at 02:45 hrs. Correlated for depth of bottom shot at 2675m. Fired gun at 04:07 hrs: slight surface indication of gun firing observed. POOH and laid out guns: all shots fired. Rigged down Schlumberger wireline. Bottom of perforations at 2675m. Top of perforations at 2673.5m. Gun details: 1.5m long 4.50 inch OD, 12 shots per foot of Powerjet Omega Pure charges.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 17 Aug 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)	147.5	11 Aug 2008	17 Aug 2008	408.00	17.000	4648.0m

General Comments

00:00 TO 24:00 Hrs ON 17 Aug 2008

Operational Comments	Adjustments to 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.

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General Comments

	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.

SBM Data

Cost Today AUD$ 11832

Mud Type:	ACCOLADE	HTHP-Temp:	120C°	Ex.Lime:		Solids(%vol):	18%	Viscosity	135sec/qt
Oil Type:	ACCOLADE BASE	HTHP:	500psi	Salinity:	231487mg/l	H2O:	24%	YP	34lb/100ft²
Sample-From:	Pit #5	HTHP-FL:	5.0cc/30min	Elec.Stab.:	250mV	Oil(%):	56%	PV	58cp
Time:	17:00	HTHP-cake:	2/32nd"			Sand:		O/W Ratio:	68/32
Weight:	12.10sg	CaCl mud:	27.18			LGS:	6%	Gels 10s	10
Temp:	30C°	CaCl WP:				Oil On Cut:		Gels 10m	19
								Fann 003	8
								Fann 006	11
								Fann 100	40
								Fann 200	
								Fann 300	92
								Fann 600	150

Comment	Continue to add Barite to active system while circulating to ensure mud weight 12.2ppg out and 12.3ppg in. Prepare 30bbl pumpable 13.0ppg slug for cement job. Clean pit #3. Added LE Supermul to active pit to maintain ES. Recieved 35MT Barite from Valkyrie. Backloaded 705bbl slops (slops pit and SAPP waste) to Valkyrie and backloaded 2x Bulk bags of KCl tech grade.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	156	46	0	280.0
Rig Fuel	m3	0	13	0	208.0
POTABLE WATER	MT	168	29	0	382.0
Cement class \'G\'	MT	0	0	0	52.0
Bentonite	MT	0	0	0	45.0
Barite	MT	30	30	0	55.0
SOBM	m3	0	0	0	2.0
Brine	m3	102	0	0	165.0
BLENDED CEMENT	MT	0	28	0	53.0

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	1.44	97			
2	National 14 P-220	6.50	1.44	97			
3	National 14 P-220	6.50	1.44	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
4558.0	20	400	117	30	550	176	40	720	234
4558.0	20	400	117	30	550	176	40	700	234
4558.0	20	380	117	30	525	176	40	700	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
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 "HBT" grade cement slurry at 15.0 ppg through perforations at 4560m - 4558m. Theoretical top of cement in 7 inch liner at 4520m

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Seadrill Services.	35
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	3
Tamboritha	3

Personnel On Board

Q Tech	1
Tasman Oil Tools	4
Reach	1
Baker Atlas	6
Expro Group	2
Scottech	2
Schlumberger	3
Total	90

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Gerald Lange/Tim Waldhuter

Available	**1724.2bbl**	**Losses**	**31.0bbl**
Active	563.0bbl	Downhole	
Mixing		Surf+ Equip	0.0bbl
Hole	1117.2bbl	Dumped	
Slug		De-Gasser	
Reserve	44.0bbl	De-Sander	
Kill		De-Silter	
		Centrifuge	
		Left Behind Casing	31.0bbl

Equipment	Description	Mesh Size
Shaker 1	VSM-300	280
Shaker 2	VSM-300	280
Shaker 3	VSM-300	280
Shaker 4	VSM-300	280

Comments

Marine

Weather on 17 Aug 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	17kn	245.0deg	1025.0mbar	7C°	3.0m	180.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
24.1deg	440.00klb	2910.00klb	3.5m	180.0deg	6s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	18.00		At location

Item	Unit	Used	Quantity
Rig Fuel	m3		307.5
Potable Water	Mt		445
Drill Water	Mt		190
CEMENT G	Mt		0
Barite	Mt		84
Bentonite	Mt		0
Base Oil	m3		0
Brine	m3		100

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie		22.00	On route to Geelong

Item	Unit	Used	Quantity
Rig Fuel	m3		583.283
Potable Water	Mt		293
Drill Water	m3		448
CEMENT G	Mt		0
Barite	Mt		70
Bentonite	Mt		34.8
SOBM	m3		5
Base Oil	m3		118
Brine	m3		121

Back load 101m3 OBM slops to Battler.