

24 Aug 2008

From: S De Frietas/S Schmidt. To: R Oliver

DRILLING MORNING REPORT # 24 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\$1,790,500	
Rig	West Triton	Days from spud	64.94	Shoe MDBRT	4647.0m	Cum Cost	AUD\$63,576,900	
Wtr Dpth (MSL)	55.968m	Days on well	24.00	FIT/LOT:	1.68sg /			
RT-ASL (MSL) RT-ML	41.100m 97.068m	Planned TD MD Planned TD TVDRT	5822.000m 2702.000m	Current Op @ 0600	RIH with TCP gun assembly on 5.50in dr Depth at 06.00hrs = 2670m.			
				Planned Op	d Op RIH to setting depth. Correlate depth Schlumberger. Fire guns, monitor we with TCP gun assembly.			

Summary of Period 0000 to 2400 Hrs

RIH and set RTTS at 210m. Tested well head seal to 200/4000psi 5/10 mins. Good test. POOH laying out 5.50in heavy weight drill pipe and 6in drill collars. Rigged up and run TCP gun assembly as per program to 1900m.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	Held at 10.30 hours.	Rig alarms activated. gas leak at well test area, all crews mustered at alternative muster stations.
BOP Test		10 Days	Pressure tested Bop's.	14 Days - 28 Aug 21 days 4 Sept
Incident		1 Day	SBM spill to ocean when back-loading to Supply Boat.	Synthetic Based Mud was leaked to the ocean when a Transfer hose failed, shortly after commencing back-loading to the Valkyrie Supply Boat. Approximately 5 minutes after commencing pumping, the rigs watch-stander observed discoloration in the water. The transfer pump was immediately shut down. Total volume of spill 21bbls SBM. A Spill Notification was forwarded to ADA Drilling Superintendent and relevant Nexus personnel as soon as the events were known, in accordance with reportable spills procedure # 4.3.1 of the SBM Management Plan.
Medical Treatment Case		5 Days	Twisted ankle.	
PTW issued	18	0 Days		Permit to work issued for the day.
Safety Meeting	2	1 Day	Weekly Safety Meetings.	Weekly safety meeting held on Sundays .
STOP Card	30	0 Days		Stop cards submitted for the day.
Time Out For Safety	1	5 Days	TOFS	Held TOFS on drill floor with drill and deck crews at 22.30 hrs to highlight the hazards associated with repetitive tasks and remind personnel to keep focused on the job

Operations For Period 0000 Hrs to 2400 Hrs on 24 Aug 2008

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P22	Р	G8	0000	0030	0.50	4648.0m	RIH and set 10 3/4in RTTS at 210m.
P22	Р	P1	0030	0100	0.50	4648.0m	With Halliburton tested lines 200/4000 psi 5/10 mins, tested well head seals to 250/4000 psi 5/10. Good test.
P22	Р	G2	0100	0530	4.50	4648.0m	Unset RTTS and POOH laying out 5.50in heavy weight drill pipe and 6in drill collars and RTTS.
P22	Р	G10	0530	0630	1.00	4648.0m	Rigged up to run TCP guns.
P22	Р	G23	0630	0700	0.50	4648.0m	Held JSA with crews for running TCP gun assembly.
P22	TP (TP)	G2	0700	0730	0.50	4648.0m	Attempted to repair hydraulic safety clamp. Set up rig's manual safety clamp to fit 3 1/8in TCP guns.
P22	Ρ	G2	0730	2400	16.50	4648.0m	Picked up and made up downhole gauges. Picked up and made up 3 1/8in and 4 1/2in TCP gun assembly and RIH to 1900m.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Aug 2008

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P22	Р	G2	0000	0100	1.00	4648.0m	Continued RIH with TCP gun assembly to gun #226 at 1900m, laid gun #226 out as it was damaged replaced with gun# 233.

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Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P22	Ρ	G2	0100	0200	1.00	4648.0m	Continued RIH from 1900m to 1925m and installed firing head. Changed out handling equipment to 3.50in drill pipe. Picked up stand 3.50in drillpipe and made up cross overs, pup joints and stand 3.50in and RIH to 1961m
P22	Р	G8	0200	0230	0.50	4648.0m	Changed out elevators to 5.50in and made up cross over and RIH with 5.50in drill pipe to 2020m.
P22	Р	G8	0230	0330	1.00	4648.0m	Picked up cement stand broke out TIW valve and SEC and made these up to 5.0m pup joint and laid out same.
P22	Ρ	G8	0330	0600	2.50	4648.0m	RIH with TCP gun assembly on 5.50in drill pipe. No obstruction or resistance observed when entering top of 7in liner at 2569.56m
							Depth at 06.00 hrs = 2670m.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 24	4 Aug 2008						
Phase		Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Production Hole (2)(P12)			01 Aug 2008	11 Aug 2008	260.50	10.854	4648.0m
Liner (1)(P19)			11 Aug 2008	23 Aug 2008	552.00		4648.0m
Completion/Recompletion(P22)		24	24 Aug 2008	24 Aug 2008	576.00	24.000	4648.0m
General Comments							
00:00 TO 24:00 Hrs ON 24 Aug 20	008						
Operational Comments	Rotary table elevation RT above LAT = 41.0 RT above MSL/AHD 4	62m.	ro calculations;				
Operational Comments	 West Triton Rig Equip 1) Top drive rotating h impacting operational 2) Compensator for sa 3) CTU control panel 4) Link tilt clamps slip 5) Bail retaining plates 6) Number 4 main gen 7) Emergency generational 8) Pumping pressure reads 3600psi. 9) Remote controller for 10) Automatic drill pip 11) Auto IBOP on TD closing the IBOP while 12) Auto slips not bein 	ead has opera efficiency. Nev aver sub on TD has leaking val ping on bails - r s on top drive b herator down. E tor fuel tank rea read-out at Cyb or Iron Roughn e elevators not S is sticky and e making conne	ting problems, v hydraulic pun S not operation ves, pressure r need to rectify ent, increasing Exciter and gen quires modifica per chair displa ber chair displa beck not operat working. does not operat	np on order? nal resulting in e egulator valve in this issue. time to change erator sent asho tion to drain line y not accurate. A tonal. te smoothly - lin very difficult to re	xcessive wear of hoperable. Parts out bails by 1/2 ore. (no communica At 2800psi pum kages distorted e-open.	on saver sub thr s on order. hour. Require r ation with tank t p pressure, cyb ?? Drillers are r	eads. new retaining hrough drain er display
Operational Comments	ROV operations: Installing tooling attac Maintenance of equip		-	-			
Operational Comments	Expro Well Testing: Rigging up equipment						



WBM Data			Cost Today	/ AUD\$ 250	0			
Mud Type:	Calcium	API FL:	CI:	288973mg/l	Solids(%vol):		Viscosity	
	Chloride Brine	Filter-Cake:	K+C*1000:		H2O:	100%	PV YP	
Sample-From:	Pit #7	HTHP-FL:	Hard/Ca:		Oil(%):		Gels 10s	
Time:	20:00	HTHP-cake:	MBT:		Sand:		Gels 10m	
Weight:	11.10sg		PM:		pH:	7	Fann 003 Fann 006	
Temp:	22C°		PF:		PHPA:	,	Fann 100	
		<u> </u>					Fann 200	
Comment			and shaker troughs. Bac M into Stbd tank #2 and				Fann 300 Fann 600	
		230bbl Slops (waste mu	d). Cleaning mixing lines on re-cleaning after initial	s and mud pits.				
Bulk Stock	s							
		Name		Unit	In	Used	Adjust	Balance
Drill Water			MT		0	39	0	207.0
Rig Fuel			m3		0	12	0	234.0
POTABLE WA	TER		MT		12	37	0	224.0
Cement class \	'G\'		MT		0	0	10	52.0
Bentonite			MT		0	0	0	45.0
Barite			MT		0	0	0	65.0
SOBM			m3		0	0	0	2.0
Brine			m3		0	0	0	130.0
BLENDED CEN	MENT		MT		0	0	0	43.0

Casing

eacing			
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 7in liner at 4520m
			Second cement job "HBT" 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	6
Seadrill	13
Seadrill Services.	38
Catering	9
Halliburton	2
Baker Hughes Inteq	2
Halliburton	2
Tamboritha	3
Q Tech	1
Tasman Oil Tools	4
Reach	1
Baker Atlas	9
Expro Group	4
Scottech	2
Schlumberger (Wireline)	3
Well Dynamics	4
Total	103



Rig Fuel m3 571.0 Potable Water Mt 0 0 Drill Water Mt 0 0 Drill Water Mt 0 0 Barite Mt 0 0 Barite Mt 0 0 SBM onboard. SBM Dirty = 63m3 SBM Slops = 56m3 m3 0 0 Pacific Valkyrie 01.30 On route to Geelong FTA 23.30 hrs 24-08-00 GTM Water Item Unit Used Quantity Rig Fuel m3 0 52 0 52 0 52 0 52 SBM onboard. SBM Dirty = 63m3 SBM Slops = 56m3 Mt 0 0 52 0 52 Pacific Valkyrie 01.30 On route to Geelong FTA 23.30 hrs 24-08-00 ETA 23.	Mud Volumes, Mud Losses and Shale Shaker Data						er : Gerald	Lange/Tim	Waldhuter				
Mixing Hole Suff Equip 1030.1bbl Suff Equip Dumped 0.0bbl Shaker 2 VSM-300 280 Differentinged use receivaning mud pits after initial splacement. Rug Kill 117.0bbl Be-Sander Derstinger Derstinger Eerstinger Be-Sander Derstinger Derstinger Derstinger Shaker 2 VSM-300 280 Shaker 3 VSM-300 280 Shaker 4	Available	1147.1	bbl Losses	25	_				•		Comm	ents	
Hole 1030.1bbl< Dumped 254.1bbl Shaker 3 VSM-300 280 mud pits after initial splacement. Kill Be-Sanger Be-Sanger Shaker 4 VSM-300 280 Staker 4 Sta	Active Mixing		Downho Surf+ E		0.0661								
Bug Reserve Kill 117.0bbl Be-Sanger De-Siller De-Siller De-Siller De-Siller Shaker 4 VSM-300 280 Image: Comparison of the	Hole	1030.1	bbl Dumped	25							mud pi	ts after ini	
Marine Weather on 24 Aug 2008 Visibility Wind Speed Wind Dir. Pressure Air Temp. Wave Height Wave Period 10.0nm 5kn 315.0deg 1032.0mbar 10C° 1.0m 270.0deg 4s Rig Dir. Ris. Tension VDL Swell Height Swell Period Wave and swell heights are estimates. 24.1deg 440.00klb 2391.00klb 1.5m 270.0deg 6s Wave and swell heights are estimates. Comments Comments Vessel Name Arrived (Date/Time) Departed (Date/Time) Status Bulks Pacific Battler 15.30 On location Image: Full Period Peri	Slug Reserve	117.0	bbl De-Gas	ser der		Shake	r 4	VSM-300)	280	displac	ement.	
Veather on 24 Aug 2008 Vind Speed Wind Dir. Pressure Air Temp. Wave Height Wave Dir. Wave Period 10.0nm 5kn 315.0deg 1032.0mbar 10C° 1.0m 270.0deg 4s Rig Dir. Ris. Tension VDL Swell Height Swell Dir. Swell Period Weather Comments 24.1deg 440.00klb 2391.00klb 1.5m 270.0deg 6s Wave and swell heights are estimates. Forwert Control Comments Vessel Name Arrived (Date/Time) Departed (Date/Time) Status Bulks Pacific Battler Status Status Bulks Pacific Battler 15.30 On location. Item Unit Used Quantit SBM onboard. SBM onboard. SBM onboard. SOBM m3 1 SBM onboard. SBM onboard. SOBM SOB Item Unit Used Quantit SBM onboard. SBM onboard. SOB S	Kill		De-Silte Centrifu	r ge									
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CEMENT G Mt Image: Cement G<													443
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CEMENT GMtBariteMtBariteMtBentoniteMtSOBMm3Base Oilm3Brinem3Mt													430
BariteMtBentoniteMt3SOBMM31Base OilM31BrineM311													440
SOBM m3 1 Base Oil m3 1 Brine m3 11							1						70
Base Oilm31Brinem311									Бапе		ivit		
Brine m3 11									Bentonite		Mt		34.8
									Bentonite SOBM		Mt m3		34.8
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