

01 Aug 2008

From: B Openshaw/R Rossouw To: R Oliver

Well Data								
Country	Australia	MDBRT	2689.0m	Cur. Hole Size	9.500in	AFE Cost	US\$81,987,600	
Field	Longtom	TVDBRT	2404.4m	Last Casing OD	10.750in	AFE No.	LSRDV01/6	
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	2337.6m	Daily Cost	US\$650,000	
Rig	West Triton	Days from spud	41.94	Shoe MDBRT	2590.8m	Cum Cost	US\$650,000	
Wtr Dpth(MSL)	55.968m	Days on well	1.00	FIT/LOT:	1.68sg /			
RT-ASL(MSL)	41.1m	Planned TD MD	5822.0m	Current Op @ 0600	RIH at 16	89m.		
RT-ML	97.1m	Planned TD TVDRT	2702.0m	Planned Op	Continue RIH with bit #10 and commence dri kick-off section of Longtom-4 H.			

Summary of Period 0000 to 2400 Hrs

Laid down 2.875in cement stinger joints. Picked up bit #10 and rotary steerable BHA and RIH picking up DP from 214m to 293m. Repaired burst hose on iron roughneck and continued RIH picking up DP to 1246m. Performed rig service and installed cooler fan on TDS hydraulic system. RIH with pipe from derrick to 1452m. Shut down operations due to extreme winds: 55 - 70knots.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill		5 Days	Held at10.30 hours.	Rig alarms activated. Fire and Abandon drill conducted.
Drills		5 Days	Spill Drill - real time	Reaction to the overflow at the upper transverse trough.
Dropped Object		19 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	When the link Tilt was retracted, the uneven piston movement caused the clamp bolt (on the Bail Arm) to break.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.
First Aid Case		7 Days	Relief derrickman caught hand at monkey board	The relief derrickman was pulling back pipe when he lost his balance and placed his hand in such a position to have it caught between the pipe and the finger latch.
Incident		5 Days	Environmental spill	overflow at upper transverse trough due to blocked flow line. Approximately 65 ltrs .
PTW issued	9	0 Days		Permit to work issued for the day.
Safety Meeting		6 Days	Weekly Safety Meetings with crews.	Weekly safety meeting held at 1300 Saturday morning and 0045 on Sunday .
STOP Card	32	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 01 Aug 2008

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P12	Р	G2	0000	0230	2.50	2698.0m	**** Start of LONGTOM-4 H ****
							Laid down 2.875in cement stinger jnts.
							Offline: Fitted overflow pipe on flowline
P12	Р	G6	0230	0600	3.50	2698.0m	Cleaned rig floor and made up 9.5in rotary steerable BHA, loaded RA source and RIH with bit #10 to 214m.
P12	Р	P2	0600	0630	0.50	2698.0m	Shallow tested MWD tools @ 650gpm, 1650psi.
P12	Р	G2	0630	0730	1.00	2698.0m	RIH with 9.5in bit #10, picking up DP from 214m to 293m.
P12	TP (RE)	G2	0730	0830	1.00	2698.0m	Hydraulic hose burst on Iron Roughneck - changed out same.
P12	Р	G2	0830	1530	7.00	2698.0m	Continued RIH with bit #10 picking up Dp, from 293m to 1246m.
P12	Р	G11	1530	1630	1.00	2698.0m	Performed rig service.
P12	TP (RE)	G2	1630	1830	2.00	2698.0m	Installed oil cooler fan and motor to TDS.
P12	Р	G8	1830	1930	1.00	2698.0m	Continued RIH with pipe from derrick from 1246m to 1452m.
P12	TP (WOW)	G8	1930	2400	4.50	2698.0m	Shut down operations due to extreme winds - 55 to 70knots.

Operations For Period 0000 Hrs to 0600 Hrs on 02 Aug 2008

opera								
Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description	
P12	TP	G8	0000	0530	5.50	2698.0m	Waiting on weather. Wind speeds from 36 - 55knots during this period.	
Convright	DC 2007	20071227		Irlla				Dana



Phse	Cls (RC)	Ор	From	ר ר	o Hrs	Depth				Activi	ty Descrip	tion					
	(WOW)																
P12	P	G8	0000	053		2698.0m	Wind speed 37 - 44knots. Continue RIH with 9.5in bit #10 from 1452m to 1689m.										
-					Hrs on												
Phase	e Data	to 240	0hrs,	01 A	ug 2008												
Phase							Phase Hrs			Finish On	Cum I		Cum Days	Max	Depth		
Producti	ion Hole	(2)(P12)						24 01 Au	g 2008	01 Aug 200	8	24.00	1.00	00	2698.0m		
	al Con																
00:00 T	O 24:00	Hrs ON	01 Au	g 2008													
O	peration	al Com	ments		RT above	nts to rotary LAT = 41.0 MSL/AHD 4	62m.	tion based	on Fugr	o calculation:	S;						
					West Trito	on Rig Equip	oment Concerns										
							ead has operating problems, to be able to rotate the IBOP must be operated first. This is efficiency. New hydraulic pump on order - delivery mid September.										
					2) Numbe	r 4 main ger	nerator down. Exciter and generator sent ashore.										
					3) CTU co	ontrol panel I	nas leaking	valves, pr	essure re	egulator valve	e inoperab	ole. Parts	s 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 plates.												
O	peration	al Com	ments		6) I BOP sticks and does not operate smoothly. No spare UpperTop Drive IBOP or parts on board for Upper IBOP.												
					7) Only main engines 1, 2 & 3 available for power generation. Engine 5 awaiting new injectors. Problems relating to engines may be caused by fuel contaminated with water.												
					8) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line).												
					9) Cooling fan for hydraulics sytem on TDS removed due to broken fan blades.												
					10) No whipline available on port crane due to damaged cable. Having to use main block, with the associated inefficiencies, to move loads (slow working speeds).												
					11) Remote controller for Iron Roughneck not operational.												
					12) Autom	natic drill pip	e elevators	not workir	ıg.								
Ο	peration	al Com	ments			eds (knots): '-45, 03h30:		70, 21h13:	47-57, 2	2h04: 40-57	, 23h24: 4	4-58, 00	h24: 45-55, 0	1h30: 4	13-52,		
SBM I	Data				021110.01		Cost To		\$ 2500								
		ACCOLA		HTHP-	Temp:	120C°	Ex.Lime:		ψ 2000	Solids(%vol)	۱.	18%	Viscosity		123sec/qt		
Oil Type		ACCOL		HTHP:	remp.	500psi	Salinity:	240	216mg/l	H2O:		26%	YP		36lb/100ft ²		
Оптуре	•		ASE	HTHP-F	= · •	5.0cc/30min	Elec.Stab.:		304mV	Oil(%):		20 <i>%</i>	PV O/W Ratio:		37cp 68/32		
Sample-	From:	I	Pit 6			2/32nd"	LICC.OLDD		50 4 117	Sand:		J - 70	Gels 10s		12		
Time: 20:00 HTHP-cake: 2/32nd' CaCl mud: 28.81										LGS:		6%	Gels 10m Fann 003		18 11		
Weight:		12.0	D200	CaCl W		20.01				Oil On Cut:		070	Fann 006		13		
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Comme	nt		F	Prepare	e chemicals	and check s	hakers for n	ext hole se	ction.	1			Fann 200 Fann 300		73		
												Fann 600		110			
Bit # 1	10		_	_			Wear	I	01	D	L	В	G	02	R		
							Riture: C	ommonto									
Cine (III)			~	E0:		Maga	Bitwear Co		D-:"		24 h==	-		on Dit 1	2		
Size ("):			9	.50in	IADC#	M322	Noz	zles	Drill	ed over last	∠4 nrs	C	alculated ov	er Bit F	kun		



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(m) (deg) (deg) (m) (deg/30m) Bulk Stocks Bulk Stocks (deg/30m) (deg/30m) (deg/30m) (deg/30m) DRILL WATER Name Mam (deg/30m) (deg/30m) (deg/30m) DRILL WATER Name Mam MT 0 58 Adjut Balance OPTABLE WATER VIII MT 0 58 0 2232 2460 252.0 Bentonite VIIII MT 0 27 0 232.0 252.0 Bentonite VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Sur	vey																						
Bulk Stocks Name Unit In Used Adjust Balance DRILL WATER Rig Fuel POTABLE WATER Cement Class G MT 0 58 0 198.0 Bentonite MT 0 58 0 264.0 Bentonite MT 0 27 0 232.0 Bentonite MT 0 0 0 45.0 Barite MT 0 0 0 45.0 SOBM m3 0 0 0 0 174.0 SOBM m3 0 0 0 0 121.0 Brine m3 0 0 0 0 121.0 Brine m3 0 0 0 121.0 Brine SPM SPM SPP Flow SPP SPP SPP SPP SPP SPP3 SPP3.0 SPP3.0 SPP3.0 SPP3.0 SPP3.0 SPP3.00 SPP3.0 SPP3.00 SPP3.0		MD	Incl	Az	im	TVE)		Vsec		N/-	S	E/-	W	DL	S		Tool 1	Гуре					
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No. Type Liner (in) MW (sg) Eff (%) Eff (%) PP SPM (SPM) SPP (SPM) Flow (gpm) Depth (m) SPM1 (SPM) SPP1Flow1(gpm) (psi) SPP2 (SPM) Flow2 (SPM) SPP3 (psi) Flow3 (gpm) 1 National 14 P-220 6.50 1.44 97 Image: SPM2 SPM SP17 (SPM) SP17 (SPM) SP27 (SPM) SP33 (SPM) SP37 (gpm) SP33 (gpm) SP33	SOE	M							m3					0		0		0						
Puta - Last 24 Hrs Slow = Data No. Type Liner (in) MW (sg) Eff (%) SPM (sPM) Flow (gpm) Depth (m) SPM1 (SPM) SPP1 (spi) SPP2 (spi) SPM3 (spi) SPP3 (gpm) Gpm) Gpm) Image: Spi (spi)	Brine	9							m3					0		0		0		192.0				
No. Type Liner (in) MW (sg) Eff (%) gen SPM (psi) SPM (gpm) SPM (m) SPM1 (SPM) SPP1 (psi) SPM2 (sPM) SPM2 (gpm) SPM3 (sPM) SPP3 (gpm) Flow3 (gpm) 1 National 14 P-220 6.50 1.44 97 Image: SPM3 SPM SPM3 (gpm)	Pur	nps					-			-								-						
No. Type Liner (in) MW (sg) Eff (%) gen SPM (psi) SPM (gpm) SPM (m) SPM1 (SPM) SPP1 (psi) SPM2 (sPM) SPM2 (gpm) SPM3 (sPM) SPP3 (gpm) Flow3 (gpm) 1 National 14 P-220 6.50 1.44 97 Image: SPM3 SPM SPM3 (gpm)	Pum	p Data - Last	24 Hrs							Slow	Pum	p Dat	a											
1 National 14 P-220 6.50 1.44 97 30 176 40 234 50 293 2 National 14 P-220 6.50 1.44 97 30 176 40 234 50 293 3 National 14 P-220 6.50 1.44 97 20 20 120 30 176 40 234 50 293 3 National 14 P-220 6.50 1.44 97 20 20 120 30 176 40 234 234	No.	Туре			Eff (%)									ow1(gpr			Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)				
P-220 A P-220 P-200 P-2			6.50	1	97				-					176	40		1		-					
P-220			6.50	1.44	97									176	40		234	50		293				
		P-220			97							20		120	30		176	40		234				

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Casing															
OD	LOT /	FIT	Csa	Shoe (MD/T\	חי				Cemer	iting					
30 "	/	ГП	-	80m / 128.80			000 C ot 15 0	nng 2009/		lung					
30 16 "	/			03m / 750.03		168bbl class G at 15.9ppg, 200% excess. Lead 516 bbls "G" class at 12.5ppg. Tail 229 bbls "G" class at 15.80 ppg									
10 3/4"	/ 1.68	sg		2590.78m / 2337.57m			ass "G" at 15.		-		5.00 pp	9			
Personne	el On Bo	ard													
		Company	у			Pa	ax								
ADA					6										
Seadrill					13										
Seadrill Ser	vices.				37										
Catering					9										
Halliburton					2										
Baker Hugh	es Inteq				7										
Halliburton					3										
Tamboritha Q Tech					3										
Tasman Oil	Tools				2										
Reach					1										
Schlumberg	ler				6										
				Т	otal 90										
Mud Volu Shaker D		ud Los	ses a	nd Shale		Engir	neer : Brian A	Auckram/Tir	m Waldhuter						
Available	ble 3086.2bbl Losses 0.		0.0bbl	E	quipment	Desci	ription	Mesh Size	Comr	Comments					
Active	448.0bbl Downhole			Shak		VSM-300		255							
Mixing		s	Surf+ Ec	quip	0.0bbl	Shak		VSM-300		280					
Hole	77		umped			Shak		VSM-300		280					
						Shak	er 4	VSM-300)	280					
Slug Reserve	186	5.9bbl D	e-Gass e-Sand	der											
Kill		B	e-Silte entrifu	r ge											
Marine		I				1					1				
Weather on	01 Aug 20	800													
Visibility	Wind Spe	ed Win	d Dir.	Pressure	Air Te	emp.	Wave Height	Wave Dir.	Wave Period	7					
10.0nm	45kn	1	Odeg	1009.0mbar	1	-	3.0m	270.0deg	1 7s	_					
Rig Dir.	Ris. Tensi		DL	Swell Height	Swell		Swell Period		r Comments	-					
24.1deg	440.00k		.00klb	3.9m	270.0		8s	r	d swell heights	_					
24.1009	440.000	2001		ments	270.0	ucy	03		estimates.						
Vessel	Name	Arrived	(Date/1	īime)	Departe Date/Tin	ed ne)	Sta	atus		Βι	ılks				
Pacific Battle	er					-1	En route Ge	elong	Item	U	nit	Used	Quantity		
								-	Rig Fuel		m3		510.9		
									Potable Water Drill Water		Mt Mt		31		
									CEMENT G Barite		Mt Mt		(
									Bentonite		Mt				
									Base Oil Brine		m3 m3		(
Pacific Valky	rie						At rig		Item	U	nit	Used	Quantity		
									Rig Fuel		m3		599.0		
									Potable Water Drill Water		Mt m3		43		
									CEMENT G		Mt				
									Barite Bentonite		Mt Mt		10 34.		
							1		SOBM		m3				

ID A

