

18 Nov 2008

From: Rocco Rossouw / Peter Dane
To: Rob Oliver

Well Data							
Country	Australia	MDBRT	414.0m	Cur. Hole Size	16.000in	AFE Cost	AUD\$29,476,000
Field	Peejay prospect	TVDBRT	414.0m	Last Casing OD	30.000in	AFE No.	07/071
Drill Co.	Seadrill	Progress	196.0m	Shoe TVDBRT	216.0m	Daily Cost	AUD\$829,090
Rig	West Triton	Days from spud	3.23	Shoe MDBRT	216.0m	Cum Cost	AUD\$17,852,088
Wtr Dpth (MSL)	78.000m	Days on well	36.33	FIT/LOT:	/		
RT-MSL	34.150m	Planned TD MD	2133.000m	Current Op @ 0600	Drilling 16in hole at 614m.		
RT-ML	112.150m	Planned TD TVDRT	2133.000m	Planned Op	Drill ahead 16in hole to section TD at 810m. POOH to run 13.375in casing.		

Summary of Period 0000 to 2400 Hrs

Picked up 20 stands of 5.5in drill pipe from catwalk and racked back in derrick.
Made up 16in BHA and RIH tagging cement at 214m. Drilled 20in shoe and rathole to 218m.
Drilled ahead 16in hole to 414m.

HSE Summary					
Events	Num. Events	Days Since	Descr.	Remarks	
Abandon Drill	1	0 Days	All personnel mustered at life boats.	Abandon rig drill.	
Fire Drill	1	0 Days	Simulated fire drill at cement unit		
First Aid Case	1	31 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose.	
First Aid Incident	1	28 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.	
JSA	9	0 Days		Medical examination, ice pack and analgesic medication - all treatment by medic.	
Man Overboard	1	20 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.	
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.	
PTW issued	10	0 Days			
Safety Meeting	2	3 Days	Weekly safety meeting	Weekly safety meeting	
STOP Card	17	0 Days		Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 18 Nov 2008

Phse	Clis (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	TP (RE)	G13	0000	0030	0.50	218.0m	Made up test tool and retrieved tugging from BOPs.
P4	P	G2	0030	0530	5.00	218.0m	Held PJSM. Picked up 20 stands of 5.5in drill pipe from catwalk and racked back in derrick.
P4	P	G6	0530	0730	2.00	218.0m	Held PJSM. Laid down 36in hole opener and Anderdrift tool.
P4	P	G11	0730	0800	0.50	218.0m	Serviced TDS
P4	TP (TP)	G6	0800	0930	1.50	218.0m	Waited on Schlumberger to prepare lifting subs for MWD equipment. Concurrently made up 1 x 16in string stabiliser.
P4	P	G6	0930	1200	2.50	218.0m	Made up 16in bit #2, MWD and LWD tools and RIH with BHA to 184m.
P4	P	G2	1200	1300	1.00	218.0m	Laid out 2 x 5.5in drill pipe singles used for racking back BHA. Schlumberger performed block calibration.
P4	P	G8	1300	1430	1.50	218.0m	RIH from 184m to 213m. Engaged TDS and established flow rates at 600 to 1200 gpm. Welder installed flow indicator marker on conductor pipe.
P4	P	D1	1430	1530	1.00	218.0m	Tagged cement at 214m, drilled out shoe at 216m and cement down to 218m.
P4	P	D2	1530	1800	2.50	253.0m	Drilled 16in hole from 218m to 253m. Average ROP 14 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 80-120, WOB 2-4 klbs. GPM 700, SPM 120, SPP 750 PSI, Torque 1-3 k/ft.lbs.
P4	P	D2	1800	2400	6.00	414.0m	Drilled 16in hole from 253m to 414m. Average ROP 26.8 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Average parameters: RPM 150, WOB 6-9 klbs. GPM 1200, SPM 206, SPP 2000 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections

Operations For Period 0000 Hrs to 0600 Hrs on 19 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D2	0000	0600	6.00	614.0m	Drilled 16in hole from 414m to 614m. Average ROP 33.3 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 5-10 klbs. GPM 1200, SPM 206, SPP 2000 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections. Survey at 502m, inclination 0.22 deg, 591.8m, inclination 0.37 deg. Note: Observed partial losses at 509m. Confirmed static losses 90 bbls/hr at 540m

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 18 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	65	15 Nov 2008	17 Nov 2008	848.00	35.333	218.0m
Surface Hole(P4)	24	18 Nov 2008	18 Nov 2008	872.00	36.333	414.0m

General Comments

00:00 TO 24:00 Hrs ON 18 Nov 2008

Operational Comments	Text
Operational Comments	Jar hours (S/N17621371) = 8.5 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today

Mud Type: Pre hydrated Bentonite	API FL: Filter-Cake:	Cl: K+C*1000:	Solids(%vol): Low-Gravity Solids: 3.9%vol	Viscosity PV YP 77lb/100ft²	480sec/qt 15cp
Sample-From: Pit 3	HTHP-FL:	Hard/Ca:	H2O: 96%	Gels 10s 38	
Time: 17:00	HTHP-cake:	MBT: 40	Oil(%):	Gels 10m 42	
Weight: 8.80ppg		PM:	Sand:	Fann 003 40	
Temp:		PF:	pH: 9.5	Fann 006 43	
			PHPA:	Fann 100 73	
				Fann 200 85	
				Fann 300 92	
				Fann 600 107	

Comment

Bit # 2

Wear	I	O1	D	L	B	G	O2	R	
Bitwear Comments:									
Size ("):	16.00in	IADC#	115	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Mfr:	Hughes	WOB(avg)	8.00klb	No.	Size	Progress	196.0m	Cum. Progress	196.0m
Type:	Rock	RPM(avg)	150	3	20/32nd"	On Bottom Hrs	4.7h	Cum. On Btm Hrs	4.7h
Serial No.:	6065566	F.Rate	1200gpm			IADC Drill Hrs	8.5h	Cum IADC Drill Hrs	8.5h
Bit Model	GXC1V	SPP	3000psi			Total Revs		Cum Total Revs	0
Depth In	218.0m	HSI				ROP(avg)	41.70 m/hr	ROP(avg)	41.70 m/hr
Depth Out		TFA	0.920						
Bit Comment									



BHA # 2							
Weight(Wet)	50.00klb	Length	184.0m	Torque(max)	4000ft-lbs	D.C. (1) Ann Velocity	177fpm
Wt Below Jar(Wet)	40.00klb	String	133.00klb	Torque(Off.Btm)	2000ft-lbs	D.C. (2) Ann Velocity	160fpm
		Pick-Up	134.00klb	Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	130fpm
		Slack-Off	133.00klb			D.P. Ann Velocity	130fpm

BHA Run Description 16" bit, bit sub c/w float, Power pulse, Sonic Vision 900, 16" stab, 9.5" DC, 16" stab, 9.5" DC, X/O, 7 x 8.25" DC, Jar, 8.25" DC, X/O, 15 x HWDP.

BHA Run Comment						
Equipment	Length	OD	ID	Serial #	Comment	
Bit	0.41m			6065566		
Bit Sub	1.23m	9.50in	3.00in	7207		
Power Pulse	8.45m	9.25in	4.25in	w484		
Sonic 6	7.69m	9.62in	4.25in	42793		
String Stabiliser	1.71m	15.87in	3.00in	700736		
Drill Collar	9.41m	9.50in	3.00in	1TD		
String Stabiliser	2.26m	15.87in	3.00in	7125		
Drill Collar	9.40m	9.50in	3.20in			
X/O	1.22m	9.50in	3.50in			
Drill Collar	66.10m	8.50in	3.00in			
Jar	9.68m	8.00in	3.37in	17621371		
Drill Collar	9.41m	8.00in	3.37in			
X/O	0.93m	8.18in	3.50in			
HWDP	56.21m	5.50in	3.66in			

Survey									
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type	
323.97	1.1	150.8	323.95	-2.7	-2.7	1.5	0.3	MWD	
413.38	0.5	198.6	413.35	-3.8	-3.8	1.8	1.0	MWD	

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	400	182	0	540.0	
Rig Fuel	m3	0	24	0	274.0	
POTABLE WATER	MT	12	24	0	348.0	
Cement class G	MT	0	0	0	68.0	
BLENDED CEMENT	MT	0	4	0	39.0	
Bentonite	MT	0	5	0	39.0	
Barite	MT	0	0	0	67.0	
Brine	m3	0	0	0	178.0	
Helifuel	ltr	0	769	0	755.0	

Pumps																
Pump Data - Last 24 Hrs								Slow Pump Data								
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1Flow1 (psi)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	73.44	97	102	3100	600									
2	National 14 P-220	6.50	73.44	97	102	3100	600									
3	National 14 P-220	6.50	73.44	97												

Personnel On Board	
Company	Pax
ADA	7
Seadrill	13
Catering	9
Seadrill Services	30



Personnel On Board	
Tamboritha	2
Baroid	2
Schlumberger (Wireline)	3
Schlumberger MWD/LWD	3
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Weatherford	3
Dril-Quip	2
Total	80

Mud Volumes, Mud Losses and Shale Shaker Data Engineer : Michael Flexmore/Michael Maloney

Available	3974.5bbl	Losses	593.0bbl	Equipment	Description	Mesh Size	Comments
Active Mixing		Downhole Surf+ Equip	0.0bbl	Shaker 1	VSM-300	89	
				Shaker 1	VSM-300	89	
Hole	612.5bbl	Dumped		Shaker 2	VSM-300	89	
				Shaker 2	VSM-300	89	
Slug Reserve	2962.0bbl	De-Gasser De-Sander		Shaker 3	VSM-300	89	
				Shaker 3	VSM-300	89	
Kill Seawater	400.0bbl	De-Silting Centrifuge		Shaker 3	VSM-300	89	
				Shaker 4	VSM-300	89	
				Shaker 4	VSM-300	89	
				Shaker 4	VSM-300	89	
		overboard returns	593.0bbl				

Marine

Weather on 18 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	100.0deg	1008.0mbar	13C°	0.9m	280.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
136.3deg		3032.00klb	1.2m	280.0deg	11s		
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
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Pacific Battler			Standby Rig	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3	0	3	0	0	265
				Potable Water	m3	0	5	5	0	122
				Drill Water	m3	0	0	230	0	0
				Barite	Mt	0	0	42	0	0
				CEMENT G	Mt	0	0	0	0	83
				Bentonite	Mt	0	0	48	0	12
				Brine	m3	0	0	0	0	0

Pacific Valkyrie		15:00 hrs 18/11/08	Enroute to Geelong ETA 08:00 hrs 19/11/08	Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Rig Fuel	m3	0	12	0	0	210
				Potable Water	Mt	0	5	170	0	81
				Drill Water	m3	0	160	400	0	0
				Barite	Mt	0	0	0	0	35
				Bentonite	Mt	0	0	20	0	22
				CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1015 / 1038	15 / 13	Crew Change