



19 Nov 2008

From: Rocco Rossouw / Peter Dane  
To: Rob Oliver

Well Data							
Country	Australia	MDBRT	810.0m	Cur. Hole Size	16.000in	AFE Cost	AUD\$29,476,000
Field	Peejay prospect	TVDBRT	810.0m	Last Casing OD	30.000in	AFE No.	07/071
Drill Co.	Seadrill	Progress	396.0m	Shoe TVDBRT	216.0m	Daily Cost	AUD\$760,841
Rig	West Triton	Days from spud	4.23	Shoe MDBRT	216.0m	Cum Cost	AUD\$18,625,954
Wtr Dpth (MSL)	78.000m	Days on well	37.33	FIT/LOT:	/		
RT-MSL	34.150m	Planned TD MD	2133.000m	Current Op @ 0600	RIH with MLS hanger assembly.		
RT-ML	112.150m	Planned TD TVDRT	2133.000m	Planned Op	Make up 13.375" landing string and RIH. Pick up and make up the 18.75" wellhead assembly and RIH. Land out 13.375" casing at MLS ring. Circulate and perform cementing operations. Rig up and run BOP.		

Summary of Period 0000 to 2400 Hrs
Drilled 16" hole from 414m to 810m. Swept hole with 200 bbls hi-vis and displaced hole with 700 bbls hi-vis mud. POOH with 16" BHA. Made up cementing stand and racked in derrick. Rigged up to run 13.375" casing and concurrently made final cut on 30" conductor.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	1 Day	Simulated fire drill at cement unit	
First Aid Case	1	32 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose.  Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	29 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	8	0 Days		
Man Overboard	1	21 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	7	0 Days		
Safety Meeting	2	4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	28	0 Days		Stop cards submitted for the day.

**Operations For Period 0000 Hrs to 2400 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 16" 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.
P4	P	D2	0600	1230	6.50	810.0m	Drilled 16" hole from 614m to 810m. Average ROP 30.1 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 9-12 klbs. GPM 1200, SPM 206, SPP 2150 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections.
P4	P	F3	1230	1300	0.50	810.0m	Down linked Schlumber sonic tools with rates of 1000 - 1200 gpm.
P4	P	F3	1300	1430	1.50	810.0m	Pumped 2 x 100 bbl hi-vis sweeps and displaced hole with 700 bbls hi-vis mud.
P4	P	G8	1430	1630	2.00	810.0m	POOH with 5.5" drill pipe from 810m to 184m
P4	P	G6	1630	1930	3.00	810.0m	POOH with 16" BHA from 184m to surface. Laid out MWD/LWD tools.
P5	P	G1	1930	2030	1.00	810.0m	Made up cement stand and stood back in derrick.
P5	P	G1	2030	2300	2.50	810.0m	Held PJSM and rigged up weatherford casing handling equipment.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	TP (TP)	G1	2300	2400	1.00	810.0m	Made final cut on 30" conductor at 8.60m in on joint # 17. Made final cut on 30" conductor at 8.60m on joints #17.  Investigated problems with Weatherford hydraulic unit and FMS. Concurrently held PJSM, prior to running casing.

**Operations For Period 0000 Hrs to 0600 Hrs on 20 Nov 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	P	G9	0000	0600	6.00	810.0m	Picked up 13.375" casing shoe joint. Baker locked float joint to shoe, checked float equipment and continued running 13.375" casing as per casing tally to 680m. Filled each joint whilst RIH.

**Operations For Period Hrs to Hrs on**

Phase Data to 2400hrs, 19 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)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	4.5	19 Nov 2008	19 Nov 2008	896.00	37.333	810.0m

**General Comments**

00:00 TO 24:00 Hrs ON 19 Nov 2008	
<b>Operational Comments</b>	Jar hours (S/N17621371) = 21.0 hrs
<b>Operational Comments</b>	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): 4%
Sample-From: Pit 4	HTHP-FL:	Hard/Ca:	Low-Gravity Solids: 3.9%vol
Time: 12:30	HTHP-cake:	MBT: 40	H2O: 96%
Weight: 8.80ppg		PM:	Oil(%):
Temp:		PF:	Sand:
			pH: 9.5
			PHPA:
			Viscosity 488sec/qt
			PV 18cp
			YP 83lb/100ft <sup>2</sup>
			Gels 10s 44
			Gels 10m 47
			Fann 003 43
			Fann 006 45
			Fann 100 75
			Fann 200 89
			Fann 300 101
			Fann 600 119
Comment			

Bit # 2	Wear	I	O1	D	L	B	G	O2	R
		1	1	NO	A	E	I	NO	TD
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	396.0m	Cum. Progress	592.0m
Type:	Rock	RPM(avg)	150	3	20/32nd"	On Bottom Hrs	6.9h	Cum. On Btm Hrs	11.6h
Serial No.:	6065566	F.Rate	1200gpm			IADC Drill Hrs	12.5h	Cum IADC Drill Hrs	21.0h
Bit Model	GXC1V	SPP	2100psi			Total Revs		Cum Total Revs	0
Depth In	218.0m	HSI				ROP(avg)	57.39 m/hr	ROP(avg)	51.03 m/hr
Depth Out	810.0m	TFA	0.920						
Bit Comment									



<b>BHA # 2</b>							
Weight(Wet)	50.00klb	Length	184.0m	Torque(max)	4000ft-lbs	D.C. (1) Ann Velocity	177fpm
Wt Below Jar(Wet)	40.00klb	String	154.00klb	Torque(Off.Btm)	2000ft-lbs	D.C. (2) Ann Velocity	160fpm
		Pick-Up	157.00klb	Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	130fpm
		Slack-Off	152.00klb			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.

<b>BHA Run Comment</b>						
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			

<b>Survey</b>									
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type	
502.18	0.2	197.8	502.15	-4.3	-4.3	1.6	0.3	MWD	
591.80	0.4	226.9	591.77	-4.7	-4.7	1.3	0.3	MWD	
679.52	0.1	321.4	679.49	-4.8	-4.8	1.1	0.5	MWD	
768.28	0.2	271.3	768.25	-4.8	-4.8	0.9	0.2	MWD	
803.99	0.2	236.9	803.96	-4.8	-4.8	0.8	0.3	MWD	

<b>Bulk Stocks</b>						
Name	Unit	In	Used	Adjust	Balance	
Drill Water	MT	0	12	0	528.0	
Rig Fuel	m3	0	21	0	253.0	
POTABLE WATER	MT	12	25	0	335.0	
Cement class G	MT	0	0	0	68.0	
BLENDED CEMENT	MT	0	0	0	39.0	
Bentonite	MT	12	0	0	51.0	
Barite	MT	0	0	0	67.0	
Brine	m3	0	0	0	178.0	
Helifuel	ltr	0	325	0	430.0	

<b>Pumps</b>																
<b>Pump Data - Last 24 Hrs</b>								<b>Slow Pump Data</b>								
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												

<b>Personnel On Board</b>	
Company	Pax
ADA	7

Personnel On Board	
Seadrill	13
Catering	9
Seadrill Services	30
Tamboritha	2
Baroid	2
Schlumberger (Wireline)	3
Schlumberger MWD/LWD	3
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Weatherford	6
Dril-Quip	2
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Michael Flexmore/Kosta Georgiou			
<b>Available</b>	<b>2212.8bbl</b>	<b>Losses</b>	<b>1604.2bbl</b>	<b>Equipment</b>	<b>Description</b>	<b>Mesh Size</b>	<b>Comments</b>
Active Mixing		Downhole Surf+ Equip	0.0bbl	Shaker 1	VSM-300	89	
				Shaker 1	VSM-300	89	
Hole	977.8bbl	Dumped		Shaker 2	VSM-300	89	
Slug Reserve	1000.0bbl	De-Gasser		Shaker 2	VSM-300	89	
		De-Sander		Shaker 3	VSM-300	89	
Kill Drill Water	235.0bbl	De-Silting Centrifuge		Shaker 3	VSM-300	89	
		overboard no returns	1604.2bbl	Shaker 4	VSM-300	89	
				Shaker 4	VSM-300	89	

Marine							
Weather on 19 Nov 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	100.0deg	1008.0mbar	13C°	1.1m	280.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
136.3deg		2841.00klb	1.5m	280.0deg	4s		
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler			Standby Rig	<b>Item</b>	<b>Unit</b>	<b>In</b>	<b>Used</b>	<b>Transfer to Rig</b>	<b>Adjust</b>	<b>Quantity</b>
				Rig Fuel	m3	0	2	0	0	263
				Potable Water	m3	0	5	5	0	117
				Drill Water	m3	0	0	0	0	0
				Barite	Mt	0	0	0	0	0
				CEMENT G	Mt	0	0	0	0	83
				Bentonite	Mt	0	0	12	0	0
				Brine	m3	0	0	0	0	0
Pacific Valkyrie			Geelong	<b>Item</b>	<b>Unit</b>	<b>In</b>	<b>Used</b>	<b>Transfer to Rig</b>	<b>Adjust</b>	<b>Quantity</b>
				Rig Fuel	m3	442	9	0	0	643
				Potable Water	Mt	250	5	0	0	326
				Drill Water	m3	190	0	0	0	190
				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	0955 / 1013	4 / 1	Weatherford Crew