



14 Dec 2008

From: Sean De Freitas / Peter Sheehan  
To: Rob Oliver

Well Data							
Country	Australia	MDBRT	119.0m	Cur. Hole Size	36.000in	AFE Cost	AUD\$48,496,377
Field	Otway	TVDBRT	119.0m	Last Casing OD	30.000in	AFE No.	07/002
Drill Co.	Seadrill	Progress	42.2m	Shoe TVDBRT	116.0m	Daily Cost	AUD\$1,011,097
Rig	West Triton	Days from spud	0.00	Shoe MDBRT	116.0m	Cum Cost	AUD\$8,131,605
Wtr Dpth (MSL)	39m	Days on well	3.08	FIT/LOT:	/		
RT-MSL	38.00m	Planned TD MD	3640m	Current Op @ 0600	Picking up 5 1/2" drill pipe.		
RT-ML	77m	Planned TD TVDRT	3640m	Planned Op	L/D 36/26" BHA. Pick up and RIH with 17 1/2" BHA and drill ahead		

**Summary of Period 0000 to 2400 Hrs**

Drilled 36"/26" hole to RKB MD 119m .  
Picked up and ran 30" conductor, 20" shoe depth 116m.  
Installed Icon clamp on conductor and cut conductor above CTU.  
RIH with Davis Lynch stab in sub, stabbed into float shoe and prepared for cementing.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	12 Days	Abandon rig drill.	All personnel mustered at life boats.
JSA	3	1 Day	JSA's conducted for the day.	
Pre-tour Meeting	4	1 Day	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	4	1 Day	PTW issued for the day.	
Safety Meeting	2	1 Day	Weekly safety meeting	
STOP Card	45	1 Day	Stop cards submitted for the day.	

**Operations For Period 0000 Hrs to 2400 Hrs on 14 Dec 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	D2	0000	0130	1.50	77.2m	Tagged seabed and surveyed multiple times to achieve survey of less than 1 deg. Spud with survey of 0.5 deg. Check survey at 77.2m - 0.5m drilled - erratic survey readings varying from 1 deg to 5 deg inclination.
P2	TP (WB)	D2	0130	0230	1.00	77.2m	Launched ROV and observed bit spud area. Observed that bit had been "walking" on hard bottom in area 2 to 3 m diameter. Recoverd ROV to surface. ROV reported tidal surge on bottom.
P2	TP (WB)	D2	0230	0330	1.00	77.2m	Tagged bottom repeatedly re-checking survey until obtained 0.5 inclination. Increased weight to start bit, check survey after 1 meter drilled 0.5 deg.
P2	TP (WB)	D2	0230	0330	1.00	77.7m	Tagged bottom repeatedly re-checking survey until obtained 0.5 inclination. Increased weight to start bit, check survey after 1 meter drilled - 77.7m, 0.5 deg.
P2	P	D2	0330	0500	1.50	87.0m	Continued drilling from 77.7m to 87m. Very hard surface - broke through after drilling approximately 2.5m. GPM 500. SPP 260. WOB 2/4k . RPM 60. Torque 2/4k
P2	TP (WB)	D2	0500	0600	1.00	87.0m	Reamed 3 times. Re-checked inclination at 87m - three readings at 1 deg inclination.
P2	TP (WB)	D2	0500	0600	1.00	87.0m	Checked inclination at 87m - two readings at 2 deg inclination & one reading at 1 deg inclination. Reamed 3 times. Re-checked inclination at 87m - three readings at 1 deg inclination.
P2	P	D2	0600	0830	2.50	119.0m	Continue to drill 26"/36" hole from 87m to 119m - casing point. GPM 1170. SPP 940 .WOB 4/5K . TQ 0/3K . RPM 90 . String wt up 99K . String wt down 97K . String wt rot 96K.
P2	P	F3	0830	0900	0.50	119.0m	Take survey at 119m, 0.5 deg inclination. Swept hole with 200 bbl HI-VIS mud. Displaced hole with PHG mud .
P2	P	G8	0900	1030	1.50	119.0m	POOH with 26"/36" BHA and racked in derrick.
P3	P	G1	1030	1230	2.00	119.0m	Rigged up equipment for running 30" conductor. Installed CTU and work platform on Texas deck
P3	P	G9	1230	1700	4.50	119.0m	Held JSA. Picked up and ran 30" conductor, 20" shoe TD set at 116m.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G9	1700	1930	2.50	119.0m	Installed Icon clamp on 30" conductor.
P3	P	G9	1930	2000	0.50	119.0m	Cut 30" conductor 1.7m above CTU.
P3	P	G9	2000	2030	0.50	119.0m	Laid down 30" conductor landing sting.
P3	P	G9	2030	2130	1.00	119.0m	Rig down 30" conductor equipment. Rigged up to run drill pipe.
P3	P	G8	2130	2330	2.00	119.0m	RIH with Davis Lynch stab in sub, picked up and spaced out cement assembly. Stabbed into float shoe. Filled casing with sea water, established circulation thru float shoe and confirmed visually with ROV.
P3	P	G9	2330	2400	0.50	119.0m	Rig up cement lines and prepared for cementing. Held pre job JSA.

**Operations For Period 0000 Hrs to 0600 Hrs on 15 Dec 2008**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	F3	0000	0130	1.50	119.0m	Cemented 30" conductor as per program. Pumped 10 bbls seawater, pressure tested lines 1000k, followed by 90 bbl sea water. Mixed and pumped 190 bbl class "G" cement slurry at 15.9 ppg (200 % excess pumped). Displaced with 7 bbl sea water . Visibility did not allow ROV to monitor returns once commenced pumping sea water ahead.
P3	P	F3	0130	0300	1.50	119.0m	Stung out of float shoe and circulated bottoms up. POOH and laid out cement assembly pup joints & davis lynch sub.
P3	P	G13	0300	0400	1.00	119.0m	Rig up and installed BOP test joint.
P3	P	G2	0400	0600	2.00	119.0m	Picked up 5 1/2" drill pipe

**Operations For Period Hrs to Hrs on**

**Phase Data to 2400hrs, 14 Dec 2008**

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	30.5	12 Dec 2008	13 Dec 2008	30.50	1.271	0.0m
Conductor Hole(P2)	30	13 Dec 2008	14 Dec 2008	60.50	2.521	119.0m
Conductor Casing(P3)	13.5	14 Dec 2008	14 Dec 2008	74.00	3.083	119.0m

**General Comments**

00:00 TO 24:00 Hrs ON 14 Dec 2008	
<b>Operational Comments</b>	West Triton Rig Equipment Concerns 1) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 2) Need new BOP test tool mandrel. Ordered on the 24/10/08. 3) TDS IBOP is required to be opened before being able to operate rotating head and link tilt functions. Ongoing intermittent issue.

WBM Data			Cost Today				
Mud Type:	PHB	API FL:	Cl:	Solids(%vol):	Viscosity	488sec/qt	
Sample-From:	4	Filter-Cake:	K+C*1000:	Low-Gravity	PV	10cp	
Time:	22:30	HTHP-FL:	Hard/Ca:	Solids:	YP	76lb/100ft²	
Weight:	73.44ppg	HTHP-cake:	MBT:	H2O:	Gels 10s	44	
Temp:			PM:	Oil(%):	Gels 10m	47	
			PF:	Sand:	Fann 003	42	
				pH:	Fann 006	44	
				PHPA:	Fann 100	66	
					Fann 200	74	
					Fann 300	86	
					Fann 600	96	
Comment							

<b>Bit # 1 R/R</b>	Wear	I	O1	D	L	B	G	O2	R
		1	1	NO	A	E	I	NO	TD
Bitwear Comments:									
Size ("):	26.00in	IADC#	<b>Nozzles</b>	<b>Drilled over last 24 hrs</b>	<b>Calculated over Bit Run</b>				



Mfr:	REED	WOB(avg)	4.00klb	No.	Size	Progress	42.2m	Cum. Progress	42.2m
Type:	tri	RPM(avg)	60	1	16/32nd"	On Bottom Hrs	2.5h	Cum. On Btm Hrs	2.5h
Serial No.:	D74635R	F.Rate	1000gpm	3	22/32nd"	IADC Drill Hrs		Cum IADC Drill Hrs	0.0h
Bit Model	Y11C	SPP	900psi			Total Revs		Cum Total Revs	0
Depth In	76.8m	HSI				ROP(avg)	16.88 m/hr	ROP(avg)	16.88 m/hr
Depth Out	119.0m	TFA	1.310						

Bit Comment

**BHA # 1**

Weight(Wet)	39.00klb	Length	119.0m	Torque(max)	4ft-lbs	D.C. (1) Ann Velocity	42fpm
Wt Below Jar(Wet)		String	100.00klb	Torque(Off.Btm)	1ft-lbs	D.C. (2) Ann Velocity	40fpm
		Pick-Up	100.00klb	Torque(On.Btm)	2ft-lbs	H.W.D.P. Ann Velocity	38fpm
		Slack-Off	100.00klb			D.P. Ann Velocity	38fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.26m	26.00in		D74635R	
Hole Opener	2.65m	36.00in		TOT-36-HO2	
Float Sub	1.22m	9.50in	3.00in	SSSD7207	
Anderdrift	3.18m	9.63in	3.00in	ADB9113	
Drill Collar	28.26m	9.50in	3.00in		
X/O	1.22m	9.50in	3.00in	SSSD7125	
Drill Collar	37.78m	8.25in	2.88in		
X/O	0.93m	8.25in	2.81in	1T8250	

**Bulk Stocks**

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	250	108	0	255.0
Rig Fuel	m3	0	2	0	155.0
POTABLE WATER	MT	162	14	0	270.0
Cement class G	MT	0	0	0	88.0
BLENDED CEMENT	MT	0	0	0	0.0
Bentonite	MT	21	28	0	44.0
Barite	MT	0	0	0	82.0
Brine	m3	0	0	0	184.0
Helifuel	ltr	0	549	0	3,608.0

**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 Flow2 (psi)	SPM3 (SPM)	SPP3 Flow3 (psi)		
1	National / 14 P-220	6.50		97	85	1000	900									
2	National / 14 P-220	6.50		97	85	1000	900									
3	National / 14 P-220	6.50		97												

**Personnel On Board**

Company	Pax
ADA	4
Seadrill	11
Catering	9
Seadrill Services	33
Tamboritha	2
Halliburton	2
Weatherford	3



Personnel On Board	
Halliburton - Cementing	2
Baker Hughes Inteq	2
Dril-Quip	2
Beach Petroleum Ltd	2
Schlumberger MWD/LWD	3
<b>Total</b>	<b>75</b>

Mud Volumes, Mud Losses and Shale Shaker Data		Engineer :	
<b>Available</b>	<b>2055.0bbl</b>	<b>Losses</b>	<b>251.0bbl</b>
Active	341.0bbl	Downhole	
Mixing		Surf+ Equip	0.0bbl
Hole Slug	1.0bbl	Dumped De-Gasser	
Reserve	1713.0bbl	De-Sander	
Kill		De-Silter Centrifuge Sea Bed	251.0bbl

Marine							
Weather on 14 Dec 2008							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
1.0nm	10kn	225.0deg	1008.0mbar	13C°	1.0m	135.0deg	13s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
128.5deg		2386.00klb	1.0m	190.0deg	13s	mainly fine	
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks						
Pacific Battler	14/12/08		On location Fermat-1	<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		12.53	0	0	370
				Potable Water	m3		3	0	0	449
				Drill Water	m3	0	0	0	-5	360
				Barite	Mt	0	0	0	0	42
				CEMENT G	Mt	0	0	0	0	0
				Bentonite	Mt	0	0	0	0	42
				Brine	m3	0	0	0	0	0
Pacific Valkyrie		12:43 hrs 08/12/08	Standing by on location Fermat-1	<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	12.7	0	0	574.8
				Potable Water	Mt	0		150	0	283
				Drill Water	m3	0		230	0	403
				Barite	Mt	0	0	0	0	0
				Bentonite	Mt	0	0	22	0	0
				CEMENT G	Mt	0	0	58	0	0

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1506 / 1525	6 / 2	549 Fuel Ltrs