



15 Sep 2009

From: Tim Lee / Kevin Monkhouse
To: Iain Robertson

Well Data							
Country	Australia	MDBRT	2,100.0 m	Cur. Hole Size	12.250 in	AFE Cost	AUD 24,270,065
Field	Spikey Beach	TVDBRT	2,100.0 m	Last Casing OD	13.375 in	AFE No.	09/036
Drill Co.	Diamond Offshore	Progress		Shoe TVDBRT	805.8 m	Daily Cost	AUD 756,000
Rig	Ocean Patriot (semi)	Days From Spud	10.13	Shoe MDBRT	805.8 m	Cum Cost	AUD 11,545,000
Wtr Depth (MSL)	74 m	Days On Well	13.48	FIT/LOT	sg / 1.47 sg		
Datum	21.50 m RT MSL	Planned TD MD	2,062 m	Current Op @ 0600	Rigging down BOP handling equipment.		
RT To Seabed	95.5 m	Planned TD TVDRT	2,062 m	Planned Op	Recover BOP to carrier. Make up 18.75in WHRT and rack in derrick. Make up casing cutting/recovery assembly. RIH, cut and recover PGB and well head. Deballast. Lay out remaining pipe in derrick. Begin anchor handling.		

Summary of Period 0000 to 2400 Hrs

POOH laid out 5in DP and cement stinger. Recovered wear bushing. RIH with 5in mule shoe to 700m. Laid out 5in DP. Set #3 cement plug from 215m to 115m. Jetted BOP. Displaced riser to sea water. Laid out diverter. Unlatched BOP. Prepared to lay out slip joint.

HSE Summary

Events	Num. Events	Days Since	Description	Remarks
Incident	0	8		
Days Since LTI	0	1,013		
STOP Card	69	0	Safe 52 Unsafe 17	DODI 55 Third Party 7 ADA 1 Catering 6
JSA	44	0		Drill 8 Trip 13 Pump Room 1 Crane Crew 9 Mechanic 3 Electrician 2 Welder 8 Subsea 0
Permit To Work	21	2	Hot 4 Cold 12	
Safety Meeting	1	2		
Abandon Drill	1	3		
Fire Drill	1	3		
JHA/HSE Audit	0	3	Supervisor Audit	

Operations For Period 0000 Hrs to 2400 Hrs On 15 Sep 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G2	00:00	03:15	3.25	2,100.0 m	Racked back 10stds of DP (Total of 850m DP remaining in derrick). Laid out 60 joints of 5in DP and 10 joints of 2.875in cement stinger.
P21	P	G8	03:15	03:45	0.50	2,100.0 m	Made up jet sub and stand below WBRT. RIH to 80m.
P21	P	G16	03:45	04:15	0.50	2,100.0 m	Jetted BOP and wellhead 810gpm, 650psi, 30rpm.



Operations For Period 0000 Hrs to 2400 Hrs On 15 Sep 2009							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G10	04:15	05:30	1.25	2,100.0 m	RIH and engaged WB with RT. Pulled wear bushing free with 30klbs over pull. POOH with wear bushing. Laid out wear bushing and RT. Racked back stand with jet tool. Offline: Attempted pressure test of cement plug #2 to 1050psi against Blind/Shear rams. Leak in cement unit.
P21	P	G8	05:30	07:00	1.50	2,100.0 m	Made up 5in mule shoe and RIH to 316m
P21	P	P1	07:00	07:30	0.50	2,100.0 m	Closed MPR and and pressure tested #2 cement plug to 1050psi for 10minutes. Good test
P21	P	G8	07:30	09:00	1.50	2,100.0 m	Continued to RIH with 5in DP from 316m to 700m.
P21	P	G2	09:00	11:00	2.00	2,100.0 m	Pumped slug and POOH to 315m. Laid out 64 joints of 5in DP.
P21	P	G2	11:00	11:30	0.50	2,100.0 m	Spotted 50bbl 12.6ppg hi vis pill at 315m.
P21	P	F3	11:30	13:00	1.50	2,100.0 m	Picked up cement stand and spaced out to 215m. Rigged up and tested surface lines to 1000psi. Cement unit mixed and pumped 49bbl of 15.8ppg cement slurry. (10.0MT class G cement, 29.6 bbl of Sea Water. Yield 1.18). Displaced with 2bbl of seawater and 2bbls of 10.0ppg mud.
P21	P	F3	13:00	13:30	0.50	2,100.0 m	POOH from 215 to 107m
P21	P	F4	13:30	14:00	0.50	2,100.0 m	Rigged up and reverse circulated out contaminated cement returns at 80spm, 150psi.
P21	P	F4	14:00	15:30	1.50	2,100.0 m	Lined up to circulate conventionally. Circulated 35bbl of 10.0ppg mud. Lined up to sea water and displaced riser to sea water.
P21	P	G2	15:30	16:30	1.00	2,100.0 m	POOH. Laid out 12 joints of 5in DP
P21	P	G16	16:30	17:00	0.50	2,100.0 m	RIH with jet sub and jetted BOPs. 150spm, 400psi. POOH; laid out jet sub, racked back DP stand in derrick.
P21	P	G13	17:00	18:30	1.50	2,100.0 m	Held JSA and rigged up to recover BOPs.
P21	P	G13	18:30	20:00	1.50	2,100.0 m	Made up diverter RT to diverter. Laid out diverter assembly.
P21	P	G13	20:00	21:30	1.50	2,100.0 m	Made up landing joint to Slip joint. Collapsed slip joint and locked inner barrel.
P21	P	G13	21:30	24:00	2.50	2,100.0 m	Unlatched BOP and lifted clear of PGB guide posts. Moved rig off location 15m to port. Removed storm saddles, secured SDL ring. Removed goosenecks from slip joint.

Operations For Period 0000 Hrs to 0600 Hrs On 16 Sep 2009							
PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
P21	P	G13	00:00	01:00	1.00	2,100.0 m	Laid out landing joint and slip joint.
P21	P	G13	01:00	02:00	1.00	2,100.0 m	Laid out riser pup joints.
P21	P	G13	02:00	04:00	2.00	2,100.0 m	Engaged carrier guides with BOP. Removed beacons. Picked up and landed BOP onto carrier. Removed guide lines. Pod guide wires. Disconnected riser double and skidded bop to park area.
P21	P	G13	04:00	05:00	1.00	2,100.0 m	Laid out riser double.
P21	P	G13	05:00	06:00	1.00	2,100.0 m	Rigged down BOP handling equipment.

Phase Data to 2400hrs, 15 Sep 2009						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob(P1)	71.00	02 Sep 2009	05 Sep 2009	71.00	2.958	
Conductor Hole(P2)	16.00	05 Sep 2009	06 Sep 2009	87.00	3.625	155.0 m
Conductor Casing(P3)	15.50	06 Sep 2009	06 Sep 2009	102.50	4.271	155.0 m
Surface Hole(P4)	50.50	06 Sep 2009	08 Sep 2009	153.00	6.375	816.0 m
Surface Casing(P5)	20.00	08 Sep 2009	09 Sep 2009	173.00	7.208	816.0 m
BOPs/Risers(P6)	24.50	09 Sep 2009	10 Sep 2009	197.50	8.229	816.0 m
Production Hole (1)(P11)	78.50	10 Sep 2009	14 Sep 2009	276.00	11.5	2,100.0 m
Suspend and Abandon(P21)	47.50	14 Sep 2009	15 Sep 2009	323.50	13.479	2,100.0 m



WBM Data		Cost Today AUD29,794							
Mud Type:	Water Based	API FL:	4.5 cm ³ /30min	Cl:	50,000 mg/L	Solids:	10 %	Viscosity	54 s/qt
Sample-From:	Active	Filter-Cake:	1 /32nd"	K+C*1000:	9 %	Low-Gravity Solids:	%vol	PV	16 cP
Time:	10:00	HTHP-FL:	cm ³ /30min	Hard/Ca:	400 mg/L	H2O:	90 %	YP	34 lbf/100ft ²
Weight:	10.00 ppg	HTHP-cake:	/32nd"	MBT:	4.0	Oil:	0 %	Gels 10s	9 lbf/100ft ²
Temp:	°C			Pm:		Sand:	.5	Gels 10m	15 lbf/100ft ²
				Pf:	0.4	pH:	9.5	Fann 003	9
						PHPA(Density):	kg/m ³	Fann 006	12
								Fann 100	31
								Fann 200	41
								Fann 300	50
								Fann 600	66
Comment									

Survey									
MD (m)	Incl (°)	Azim (°)	TVD (m)	Vsect (m)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type	
1,858.33	0.3	65.2	1,858.29	1.2	1.2	7.6	0.1	Telescope 825NF	
1,913.35	0.5	64.2	1,913.31	1.0	1.0	8.1	0.1	Telescope 825NF	
1,941.91	0.5	69.2	1,941.87	1.1	1.1	8.3	0.0	Telescope 825NF	
2,028.47	0.6	92.2	2,028.43	1.2	1.2	9.1	0.1	Telescope 825NF	
2,076.18	0.7	87.1	2,076.13	1.2	1.2	9.6	0.1	Telescope 825NF	

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite	MT	0.0	6.0	0.0	36.00	
Bentonite	MT	0.0	10.0	0.0	44.00	
Cement - G Neat	MT	0.0	8.0	0.0	58.00	
Fuel	M3	0.0	9.7	0.0	502.30	
Potable Water	m3	33.0	30.0	0.0	371.00	
Drill Water	m3	0.0	42.0	0.0	234.00	

Pumps												
Pump Data - Last 24 Hrs									Slow Pump Data			
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM	SPP (psi)	Flow (gpm)	Depth (m)	Check	SPM	Pressure ()	Flow ()
1	National	6.00		97	0	0	0					
2	National	6.00		97	0	0	0					
3	National	6.00		97	0	0	0					

Personnel On Board	
Company	Pax
Diamond Offshore	57
Catering	8
ADA Services	4
Cameron	1
Dowell Schlumberger	2
Schlumberger MWD/LWD	0
MI Drilling Fluids	1
Smith Red Baron	1
Subsea 7	6
Go Offshore	0
Baker Hughes Inteq	2
Beach Petroleum Ltd	0
Woodside	1
Schlumberger - Wireline	0
Total	83



Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Manfred Olejniczak			
Available	0.0	Losses	2,818.0	Equipment	Description	Mesh Size	Comments
Active	0.0 bbl	Downhole	770.0 bbl				
Mixing		Surf+ Equip					
Hole		Dumped	2048.0 bbl				
Slug		De-Gasser					
Reserve	0.0 bbl	De-Sander					
Kill		De-Silter					
		Centrifuge					

Marine									
Weather on 15 Sep 2009							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Frequency	Anchors	Tension
10.0 NM	18 kn	280.0 °	1,020.0 mbar	12 °C	1.0 m	280.0 °	3 s	#1 Anchor	247.00 klb
								#2 Anchor	258.00 klb
								#3 Anchor	276.00 klb
								#4 Anchor	254.00 klb
								#5 Anchor	245.00 klb
								#6 Anchor	254.00 klb
								#7 Anchor	284.00 klb
								#8 Anchor	247.00 klb
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Frequency	Weather Comments			
240.0 °	0.00 klb	3,462.00 klb	1.0 m	290.0 °	13 s	Mainly Cloudy			
Comments									

Support Vessels										
Boats	Arrived Time	Departed Time	Status	Bulks						
				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Lewek Swift	13 Sep 2009 06:30		En route to Geelong	Bentonite Bulk (MT)	MT	0.0	0.0	0.00	0.0	0
				Fuel (M3)	M3	0.0	13.5	0.00	0.0	562.7
				Potable Water (m3)	m3	0.0	4.0	0.00	0.0	462
				Drill Water (m3)	m3	0.0	0.0	0.00	0.0	215
				Brine (bbl)	bbl	0.0	0.0	0.00	0.0	0
Lewek Emerald	10 Sep 2009 03:20	13 Sep 2009 12:30	On route to rig location	Cement - G Neat (MT)	MT	0.0	0.0	0.00	0.0	0
				Barite (MT)	MT	0.0	0.0	0.00	0.0	0
				Bentonite Bulk (MT)	MT	0.0	0.0	0.00	0.0	0
				Brine (bbl)	bbl	0.0	0.0	0.00	0.0	30
				Fuel (M3)	M3	0.0	14.2	0.00	0.0	729
				Potable Water (m3)	m3	0.0	10.0	0.00	0.0	215
				Drill Water (m3)	m3	0.0	52.0	0.00	0.0	86

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Bristow Helicopters	09:00 / 09:10	6 / 4	