



**10 Sep 2009**

**From:** Tim Lee / Kevin Monkhouse  
**To:** Iain Robertson

Well Data							
Country	Australia	MDBRT	816.0 m	Cur. Hole Size	17.500 in	AFE Cost	AUD 24,270,065
Field	Spikey Beach	TVDBRT	816.0 m	Last Casing OD	13.375 in	AFE No.	09/036
Drill Co.	Diamond Offshore	Progress		Shoe TVDBRT	805.8 m	Daily Cost	AUD 722,000
Rig	Ocean Patriot (semi)	Days From Spud	5.13	Shoe MDBRT	805.8 m	Cum Cost	AUD 7,377,000
Wtr Depth (MSL)	74 m	Days On Well	8.48	FIT/LOT	sg / sg		
Datum	21.50 m RT MSL	Planned TD MD	2,062 m	Current Op @ 0600	Drill out shoe track and rat hole.		
RT To Seabed	95.5 m	Planned TD TVDRT	2,062 m	Planned Op	Perform LOT. Drill 12.25in hole		

Summary of Period 0000 to 2400 Hrs
Ran BOP. Landed and tested connector to 2750psi. Rigged down BOP handling equipment and made up 12.25in drilling BHA.

HSE Summary				
Events	Num. Events	Days Since	Description	Remarks
Incident	0	3		
Days Since LTI	0	1,008		
STOP Card	58	0	Safe 48 Unsafe 10	DODI 37 Third Party 8 ADA 4 Catering 9
JSA	35	1		Drill 5 Trip 2 Pump Room 3 Crane Crew 13 Mechanic 5 Electrician 1 Welder 6 Subsea 0
Permit To Work	21	1	Hot 6 Cold 14	
Safety Meeting	0	4		
Abandon Drill	0	5		
Fire Drill	0	5		
JHA/HSE Audit	2	2	Supervisor Audit	

Operations For Period 0000 Hrs to 2400 Hrs On 10 Sep 2009							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P6	P	G13	00:00	01:15	1.25	816.0 m	Picked up BOP off carrier. Skidded carrier back to BOP deployment position and lowered BOP into carrier guides. Installed beacons onto BOP. Deployed beacon arm.
P6	P	G13	01:15	03:00	1.75	816.0 m	Lowered BOP through splash zone. Made up 45ft and 10ft riser pup joints.
P6	P	G13	03:00	03:45	0.75	816.0 m	Pressure tested kill and choke lines 250psi/3000psi 5min/10min.
P6	P	G13	03:45	05:30	1.75	816.0 m	Picked up slip jt and landing jt. Ran BOP down to 85m
P6	P	G13	05:30	09:30	4.00	816.0 m	Installed kill and choke gooseneck connections to slip joint. Pressure tested kill and choke lines to 250psi/7500psi 5min/10mins.
P6	U	M7	09:30	10:30	1.00	816.0 m	Re-torqued new kill hose connections and retested kill hose to 250psi/15000psi. Re-torqued kill hose connections.
P6	P	G13	10:30	12:00	1.50	816.0 m	Picked up SDL ring. Installed pod hoses on storm saddles
P6	P	G13	12:00	13:00	1.00	816.0 m	Landed BOPs on well head. Latched connector and confirmed latch with 50k overpull on connector



Operations For Period 0000 Hrs to 2400 Hrs On 10 Sep 2009							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P6	P	G13	13:00	13:30	0.50	816.0 m	Installed RBQ plated to pod reels
P6	P	G13	13:30	14:30	1.00	816.0 m	Rigged up and pressure tested BOP connector 250psi 5min / 2750psi 10mins. Good test
P6	P	G13	14:30	16:30	2.00	816.0 m	Scoped out slip joint. Laid out landing joint. Laid out riser handling equipment.
P6	P	G13	16:30	18:00	1.50	816.0 m	Picked up and installed diverter assembly
P11	P	G6	18:00	21:00	3.00	816.0 m	Made up 12.25in drilling BHA. Down hole motor, and Schlumberger ARC-8, Telescope 825NF, Sonicvision 825, ADN-8 logging assembly
P11	P	G6	21:00	21:30	0.50	816.0 m	Shallow tested Schlumberger down hole tools. 600gpm, 600psi
P11	P	G6	21:30	22:00	0.50	816.0 m	Loaded radio active source in ADN-8 tool
P11	P	G6	22:00	23:30	1.50	816.0 m	Continued to make up 12.25in BHA to 213.9m
P11	P	M7	23:30	24:00	0.50	816.0 m	Installed diverter bag in diverter housing

Operations For Period 0000 Hrs to 0600 Hrs On 11 Sep 2009							
PHSE	CLS (RC)	OP	From	To	Hrs	Depth	Activity Description
P11	P	G8	00:00	00:30	0.50	816.0 m	Ran in hole to 330m
P11	P	G15	00:30	00:45	0.25	816.0 m	Shallow tested Schlumberger down hole tools.
P11	P	P3	00:45	01:30	0.75	816.0 m	Performed function and pumping exercise on diverter overboard system.
P11	P	G13	01:30	03:00	1.50	816.0 m	Performed full function test on BOPs. BOP functions tested on Blue pod from Drill Floor and on Yellow pod from TPs remote panel
P11	P	P3	03:00	03:30	0.50	816.0 m	Closed annular and performed choke well kill drills with drill crew
P11	P	G8	03:30	05:30	2.00	816.0 m	Ran in hole from 330m and tag TOC at 794m.
P11	P	G8	05:30	06:00	0.50	816.0 m	Drilled out shoe track. Displaced well to 9.0ppg KCl/Polymer/Klastop mud while drilling. Parameters WOB: 10klbs, 20RPM (88RPM at bit). Flow 605gpm, Torque: 1kft-lbs.

Phase Data to 2400hrs, 10 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)	6.00	10 Sep 2009	10 Sep 2009	203.50	8.479	816.0 m

General Comments	
00:00 TO 24:00 Hrs ON 10 Sep 2009	
<b>Operational Comments</b>	ADA/Beach HSE audit team conducting Environmental audit and review of contractor evaluation. Built 1413 bbls new unweighted KCl/polymer/Klastop mud. ROV monitored landing of BOP. ROV Crew down manned.

WBM Data		Cost Today AUD	
Mud Type: Water Based	API FL: 6.5 cm <sup>3</sup> /30min	Cl: 55,000 mg/L	Solids: 4 %
Sample-From: Pit #3	Filter-Cake: 1 /32nd"	K+C*1000: 11 %	Low-Gravity %vol
Time:	HTHP-FL: cm <sup>3</sup> /30min	Hard/Ca: mg/L	Solids:
Weight: 9.00 ppg	HTHP-cake: /32nd"	MBT:	H2O: 96 %
Temp: °C		Pm:	Oil: 0 %
		Pf:	Sand: 0
			pH: 9.0
			PHPA(Density): kg/m <sup>3</sup>
Comment			Viscosity 43 s/qt PV 11 cP YP 14 lbf/100ft <sup>2</sup> Gels 10s lbf/100ft <sup>2</sup> Gels 10m lbf/100ft <sup>2</sup> Fann 003 Fann 006 Fann 100 Fann 200 Fann 300 Fann 600



<b>Bit #3</b>	Wear										I	O1	D	L	B	G	O2	R
	<b>Bit wear comment:</b>																	
Size ("): 311 mm (12 1/4")	IADC#	M323	<b>Nozzles</b>			<b>Drilled over last 24 hrs</b>			<b>Calculated over Bit Run</b>									
Mfr: Baker Huges Chistensen	WOB(avg)		No.	Size	Progress	m	Cum. Progress	0.0 m										
Type: PDC	RPM(avg)		6	15/32nd"	On Bottom Hrs	h	Cum. On Btm Hrs	0.0 h										
Serial No.: 7012700	F.Rate					IADC Drill Hrs	h	Cum IADC Drill Hrs	0.0 h									
Bit Model HCM506ZX	SPP					Total Revs		Cum Total Revs	0									
Depth In 816.0 m	HSI	hp/in <sup>2</sup>				ROP(avg)	0.00 m/h	ROP(avg)	0.00 m/h									
Depth Out	m	TFA	0.001 m <sup>2</sup>															
Bit Comment																		

<b>BHA #3</b>																	
Weight(Wet)	80.00 klb	Length	213.9 m	Torque(max)	ft.lbf	D.C. (1) Ann Velocity	0 ft/min										
Wt Below Jar(Wet)	58.00 klb	String Weight	klb	Torque(Off.Btm)	ft.lbf	D.C. (2) Ann Velocity	0 ft/min										
		Pick-Up Weight	klb	Torque(On.Btm)	ft.lbf	H.W.D.P. Ann Velocity	0 ft/min										
		Slack-Off Weight	klb			D.P. Ann Velocity	0 ft/min										
BHA Run Description Mud Motor Logging Assembly																	
BHA Run Comment																	

Equipment	Length	OD	ID	Serial #	Comment
12 1/4" bit	0.38 m	12.25 in	in	7012700	PDC bit
A625 Mud Motor	11.32 m	9.63 in	in	5954	
12 1/4in stab	1.82 m	8.25 in	2.81 in	207A189	
ARC8	6.24 m	8.25 in	in	1216	
Telescope 825NF	8.96 m	8.19 in	in	ZH22	
sonicVISION 825	7.71 m	8.11 in	in	42784	
ADN-8 w/12" stabiliser	9.18 m	8.38 in	in	43225	
8in DC	72.79 m	8.25 in	2.81 in		
Drilling Jars	9.78 m	8.25 in	2.81 in	101663H	
8in DC	28.01 m	8.25 in	2.81 in		
X/Over	1.16 m	8.00 in	3.00 in	508A33	
HWDP	56.51 m	in	in		

<b>Survey</b>								
MD (m)	Incl (°)	Azim (°)	TVD (m)	Vsect (m)	N/S (m)	E/W (m)	DLS (deg/30m)	Tool Type
556.06	0.2	278.4						
642.56	0.3	259.6						
727.80	0.3	253.6						
786.24	0.2	243.8						
803.80	0.2	265.1						

<b>Bulk Stocks</b>						
Name	Unit	In	Used	Adjust	Balance	
Barite	MT	42.0	0.0	0.0	74.00	
Bentonite	MT	0.0	0.0	0.0	37.00	
Cement - G Neat	MT	0.0	0.0	0.0	75.00	
Fuel	M3	0.0	8.7	0.0	375.60	
Potable Water	m3	29.0	28.0	-1.0	336.00	
Drill Water	m3	371.0	124.0	0.0	535.00	



<b>Pumps</b>													
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	8.80	97	82	2,644	350						
2	National	6.00	8.80	97	82	2,644	350						
3	National	6.00	8.80	97	82	2,644	350						

<b>Personnel On Board</b>	
Company	Pax
Diamond Offshore	55
Catering	8
ADA Services	7
Cameron	0
Dowell Schlumberger	3
Schlumberger MWD/LWD	3
MI Drilling Fluids	2
BJ Tubulars	0
Subsea 7	3
Go Offshore	0
Baker Hughes Inteq	6
Beach Petroleum Ltd	1
Schlumberger DD	1
<b>Total</b>	<b>89</b>

<b>Mud Volumes, Mud Losses and Shale Shaker Data</b>				Engineer : Manfred Olejniczak			
Available	Losses	Equipment	Description	Mesh Size	Comments		
1,863.0	0.0						
Active	Downhole						
Mixing 1413.0 bbl	Surf+ Equip						
Hole	Dumped						
Slug	De-Gasser						
Reserve	De-Sander						
Kill	De-Silter						
KCl Brine 450.0 bbl	Centrifuge						

<b>Marine</b>								Rig Support	
Weather on 10 Sep 2009									
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Frequency	Anchors	Tension
10.0 NM	24 kn	250.0 °	1,017.0 mbar	10 °C	2.0 m	250.0 °	2 s	#1 Anchor	251.00 klb
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Frequency	Weather Comments		#2 Anchor	254.00 klb
240.0 °	klb	4,367.00 klb	1.0 m	290.0 °	12 s	Clear conditions		#3 Anchor	258.00 klb
Comments								#4 Anchor	267.00 klb
								#5 Anchor	240.00 klb
								#6 Anchor	258.00 klb
								#7 Anchor	271.00 klb
								#8 Anchor	249.00 klb



Support Vessels										
Boats	Arrived Time	Departed Time	Status	Bulks						
Lewek Emerald	10 Sep 2009 03:20		Stand by on rig	<b>Item</b>	<b>Unit</b>	<b>In</b>	<b>Used</b>	<b>Transfer to Rig</b>	<b>Adjust</b>	<b>Quantity</b>
				Cement - G Neat (MT)	MT	0.0	0.0	0.00	0.0	0
				Barite (MT)	MT	0.0	0.0	42.00	0.0	33
				Bentonite Bulk (MT)	MT	0.0	0.0	0.00	0.0	24.5
				Brine (bbl)	bbl	0.0	0.0	360.00	0.0	860
				Fuel (M3)	M3	0.0	20.0	0.00	-0.8	657
				Potable Water (m3)	m3	0.0	5.0	100.00	0.0	105
Drill Water (m3)	m3	0.0	0.0	271.00	0.0	0				
Lewek Swift		10 Sep 2009 07:15	Enroute to Geelong.	<b>Item</b>	<b>Unit</b>	<b>In</b>	<b>Used</b>	<b>Transfer to Rig</b>	<b>Adjust</b>	<b>Quantity</b>
				Bentonite Bulk (MT)	MT	0.0	0.0	0.00	0.0	0
				Fuel (M3)	M3	0.0	21.2	0.00	0.0	174.3
				Potable Water (m3)	m3	0.0	4.0	0.00	0.0	168
				Drill Water (m3)	m3	0.0	0.0	0.00	0.0	11
Brine (bbl)	bbl	0.0	0.0	0.00	0.0	491				
Helicopter Movement										
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment						
2	Bristow Helicopters	13:40 / 13:50	8/ 8							
1	Bristow Helicopters	09:25 / 09:40	9/ 12							