

Well Site Manager: Dennis Bell / Kevin Monkhouse				OIM: Rod Dotson			
Well Data							
Country	Australia	Total Planned Days	27.60	M. Depth	2912.0m	Current Hole Size	12.250in
Field	Otway Basin	Actual Days	13.00	TVD	2911.7m	Casing OD	13.375in
Rig Contractor	DOGC	Planned Days Completed	15.7	Progress	625.0m	Shoe TVD	1278.5m
Rig	OCEAN PATRIOT	Days +/- Curve	-2.7 (Ahead)			FIT/LOT	/ 1.70sg
Water Depth(LAT)	503.0m	Spud Date	19 Oct 2009			Last BOP Test	23 Oct 2009
RT-ASL(LAT)	21.5m	Operations @ 0600	Well closed in for well control situation.				
RT-ML	524.5m	Planned Op	Continue to circulate well to kill mud.				

Cost Data			Daily Cost: \$750,875		
	AFE (D&C)	Actual Cost to Date (D&C)	EFC (D&C)		
Mob/Demob	\$ 5,900,000	\$ 3,182,286	\$ 5,500,000		
Drilling	\$ 23,100,000	\$ 10,230,917	\$ 21,500,000		
Completion	\$ 0	\$ 0	\$ 0		
Testing	\$ 0	\$ 0	\$ 0		
Intervention	\$ 0	\$ 0	\$ 0		
Well Total	\$ 29,000,000	\$ 13,413,203	\$ 27,000,000		

Summary of Period 0000 to 2400 Hrs
 Drilled 12 1/4" hole from 2288m to 2912m. Flow checked well and closed in on kick. Weighed up kill mud to 12.5ppg. Commenced pumping kill mud to bit.

Operations For Period 0000 Hrs to 2400 Hrs on 27 Oct 2009							
CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
P	IH1	DA	0000	2130	21.50	2912.0m	Drilled ahead 310mm (12 1/4") hole from 2288m to 2912m. WOB 13.6mt (30k), pump rate 3.4m3/min decreasing to 3.1m3/min due to pump pressure limitations (912gpm decreasing to 817gpm), pressure 29,300kPa (4250psi), rotary speed 150-170rpm, torque 6,750N-m - 13,500N-m (5k-10kft-lbs). Ran riser boost pump 20 minutes each stand to boost cuttings from riser.
NPT (DHWC)	IH1	DA	2130	2330	2.00	2912.0m	Added Sodium Thiocyanate tracer to mud from 2400m. Mud engineer advised that the well was not using the correct amount of fluid. 21:40 The well was flow checked and a gain of 0.6m3 (4 bbls) was seen in the trip tank over a period of 5 minutes. 21:50 The well was shut in. SIDPP showed 1650kPa (240psi). SICP showed initial pressure 1240kPa (180psi) and increasing. A pressure log was started. The TDS UIBOP was discovered to be closed. It was not functioning with actuator due to pressure differential across it. 22:46 IBOP manually opened. SIDPP 750psi. SICP stabilised at 760psi Prepared Kill mud while assessing situation
NPT (DHWC)	IH1	DA	2330	2400	0.50	2912.0m	23:40 Pumped 1.5sg (12.5ppg) kill mud down drill string. Returns lost shortly after start of pumping. Rig was unable to follow step down chart with choke closed as DP pressure was constantly below calculated expectations. 25.6m3 (161 BBLs) of 12.5ppg kill mud pumped surface to bit. With pumps shut off. SIDPP 275kPa (40psi), SICP 4900kPa (710psi)
Total Duration					24		

Operations For Period 0000 Hrs to 0600 Hrs on 28 Oct 2009							
CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
NPT (DHWC)	IH2	DA	0000	0100	1.00	2912.0m	Pumped 1.5sg (12.5ppg) kill mud down drill string. No mud returns while pumping. Rig was unable to follow step down chart with choke closed as DP pressure was constantly below calculated expectations. 25.6m3 (161 BBLs) of 12.5ppg kill mud pumped surface to bit. With pumps shut off. SIDPP 40psi, SICP 710psi
NPT (DHWC)	IH2	DA	0100	0600	5.00	2912.0m	Monitored well pressures while Drilling team assessed situation and reviewed remedial options
Total Duration					6		

Casing								
OD(in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	LOT (ppg)	FIT (ppg)	Weight (lbs/ft)	Grade	KPI Score	Top of Liner
30 "	569.44	569.44			310.0	X56		
13 3/8"	1278.57	1278.51	14.20		72.0	N80 BTC		

Survey								
MD (m)	Incl. Deg. (deg)	Corr. Az. (deg)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
2546.16	1.43	187.93	2545.97	-11.94	0.120	-11.94	11.20	
2604.71	1.39	183.80	2604.51	-13.37	0.060	-13.37	11.05	
2661.70	1.42	181.44	2661.48	-14.77	0.030	-14.77	10.99	
2691.87	1.34	179.60	2691.64	-15.49	0.090	-15.49	10.98	
2719.22	1.29	178.53	2718.98	-16.12	0.060	-16.12	10.99	
2748.22	1.23	176.46	2747.98	-16.76	0.080	-16.76	11.02	
2776.91	1.15	171.57	2776.66	-17.35	0.140	-17.35	11.08	
2806.83	1.07	178.32	2806.57	-17.93	0.150	-17.93	11.13	
2834.17	1.07	171.25	2833.91	-18.43	0.140	-18.43	11.18	
2863.33	1.15	160.56	2863.06	-18.98	0.230	-18.98	11.31	

Bit # 3				Wear	I	O1	D	L	B	G	O2	R
Size:	12.250in	IADC#	M423	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Manf:	SMITH	WOB (avg)	26.00klb	No.	Size	Progress	625.0m	Cum. Progress	1629.0m			
Type:	PDC	RPM (avg)	165	10	12/32nd"	On Bottom Hrs	17.3h	Cum. On Btm Hrs	42.4h			
Serial No.:	JD0772	F. Rate	910.00gpm			IADC Drill Hrs	21.5h	Cum IADC Drill Hrs	54.0h			
Depth In	1284.0m	SPP	4200psi			Total Revs		Cum Total Revs	236000			
Depth Out		HSI	3.07HSI			ROP (avg)	36.13 m/hr	ROP (avg)	38.42 m/hr			
Bit Model	MDSi716	TFA	1.104in ²									

BHA # 3							
Weight Below Jar		Parameters					
BHA Weight	40.00klb	Rot Weight	330.00klb	Torque (max)	14000ft.lbs	D.P. Ann Velocity	54mpm
Bit to G.R Sensor Center	65.00klb	Pick-Up Weight	340.00klb	Torque Off Bottom (avg)	4800ft.lbs	D.C. (1) Ann Velocity	79mpm
Bit to Dir. Sensor Center	10.1m	Slack-Off Weight	330.00klb	Torque On Bottom (avg)	7500ft.lbs	D.C. (2) Ann Velocity	54mpm
	18.1m						

BHA Objective					
Equipment	Length	Cum. Length	OD	ID	Comment
Bit	0.33m	0.33 m	12.250in		w/ Ported Float
Near Bit Stab	2.56m	2.89 m	12.250in	2.875in	
Pony NMDC	2.90m	5.79 m	8.000in	2.188in	
Stabilizer	1.75m	7.54 m	12.250in	2.875in	
Saver Sub	0.38m	7.92 m	8.250in	3.000in	
ARC8	5.44m	13.36 m	9.000in	2.813in	
ILS	0.91m	14.27 m	12.125in	4.250in	
Telescope	7.68m	21.95 m	8.250in	5.938in	
Saver Sub	0.38m	22.33 m	8.250in	3.000in	
Stabilizer	0.98m	23.31 m	12.125in	3.000in	
Sonic 6	6.88m	30.19 m	9.063in	4.000in	
Saver Sub	0.32m	30.51 m	8.313in	4.250in	
ADN 8	6.37m	36.88 m	12.125in	3.250in	
Saver Sub	2.48m	39.36 m	9.125in	3.000in	
8in DC	54.68m	94.04 m	8.000in	2.750in	
Jars	9.75m	103.79 m	8.063in	3.000in	
8in DC	18.65m	122.44 m	8.500in	2.188in	
X/O	1.11m	123.55 m	8.250in	2.750in	
HWDP	142.17m	265.72 m	5.000in	3.000in	

WBM Data									
Mud Type:	Ultradril	API FL:	3.6cc/30min	Cl:	52000mg/l	Solids(%vol):	11.5%	Viscosity	72sec/L
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	9%	H2O:	89.0%	PV	21cp
Time:	10:00	HTHP-FL:	10.5cc/30min	Hard/Ca:	1000mg/l	Oil(%):	0.0%	YP	32lb/100ft²
Weight:	1.30sg	HTHP-cake:	2/32nd"	MBT:	3	Sand:	0.5	Gels 10s	6
Temp:	25C°	Glycol:		PM:		pH:	9.5	Gels 10m	8
				PF:	0.8	PHPA:		Fann 003	7
Comment	Used 1MT bulk bags to mix 18% KCl brine in pit-1. Active mud properties very stable during drilling. Lots of big cuttings on scalper screens. 5 ppb calcium carbonate bridging agent (Circal 60/16 & Circal Y) added to active - all in by 2810 metres. Weighted system as required for well control. NPT (fluid related) - 0.							Fann 006	9
								Fann 100	30
								Fann 200	43
								Fann 300	53
								Fann 600	74

WBM Data									
Mud Type:	Ultradril	API FL:	3.4cc/30min	Cl:	52000mg/l	Solids(%vol):	12.0%	Viscosity	75sec/L
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	9%	H2O:	88.0%	PV	21cp
Time:	20:00	HTHP-FL:	10.5cc/30min	Hard/Ca:	1000mg/l	Oil(%):	0.0%	YP	32lb/100ft²
Weight:	1.31sg	HTHP-cake:	2/32nd"	MBT:	3	Sand:	0.75	Gels 10s	7
Temp:	26C°	Glycol:		PM:		pH:	9	Gels 10m	11
				PF:	0.8	PHPA:		Fann 003	7
Comment								Fann 006	9
								Fann 100	30
								Fann 200	43
								Fann 300	53
								Fann 600	74

Bulk Stock									
Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance
'G' Cmt	MT	0	0	57.0	Drill Water	M3	0	70	390.0
Fuel	M3	30	22.4	305.3	Barite	MT	0	58	145.0

Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance
Pot Water	M3	45	26	320.0	Bentonite	MT	0	0	55.0
Fresh water	M3	0	0	0.0					

Supply Vessel

Boats		Status	Bulks			Boats		Status	Bulks		
Boat Name	Status	Item	Unit	Quantity	Boat Name	Status	Item	Unit	Quantity		
Lewek Swift	On Standby	Fuel	m3	399	Lewek Emerald	In Portland	Fuel	m3	343.7		
		Pot Water	m3	476			Pot Water	m3	128		
		Drill Water	m3	511			Drill Water	m3	410		
		CEMENT G	mt	0			CEMENT G	mt	40		
		CEMENT HT (SILICA)	mt	88			CEMENT HT (SILICA)	mt	0		
		Barite	mt	15			Barite	mt	90		
		Bentonite	mt	8			Bentonite	mt	0		
		BRINE	bbls	0			BRINE	bbls	0		

Personnel On Board
Total : 100

Company	Pax	Company	Pax
Diamond Offshore	51	MI Australia PTY LTD	2
ESS	7	Schlumberger DD	2
Woodside	11	Schlumberger MWD/LWD	3
BHI	6	Subsea 7	3
BJ Tubulars	3	Petrotech	2
Dowell Schlumberger	2	Schlumberger (Wireline)	7
Dril-Quip	1		

Lagging Indicators												
	HPI	LTJ	RWC	MTC	TROI	FAC	Env Cat C	Env Non Comp	Dropped Objects	HPH	Env Cat D	Env Cat E
24hr	0	0	0	0	0	0	0	0	0	0	0	0
Well To Date	0	0	0	0	0	1	0	0	1	0	1	0
Month To Date	0	0	0	0	0	1	0	0	1	0	1	0
Year To Date	0	0	0	0	0	1	0	0	1	0	1	0
Comments/ Findings												

Leading Indicators										
	GSR Comp Checks	JSA Comp Checks	PTW Audit	Area Inspection	3rd Party Company Check	Mgt Visits	Drills	Number Observe Cards	ER Exercises	Env Insp Check
24hr	0	0	0	0	0	0	0	92	0	0
Well To Date	8	4	5	4	0	0	4	1229	1	2
Planned Targets per month	10/m	4/m	8/m	4/m	1/qtr	1/qtr	8	N/A	1 first month start up, 6 month after	1/m
Month Actual	8	4	5	4	0	0	4	1229	1	2
Year To Date	8	4	5	4	0	0	4	1229	1	2
Comments/ Findings	Number Observe Cards 92 - Safe/Unsafe: 64/28 (DODI - 38; ESS - 12; TPC - 32; WEL - 10).									

Leading Indicators									
	H&S INC/NM	Env NM							
24hr	0	0							
Well To Date	0	0							
Month To Date	0	0							
Year To Date	0	0							
Comments / Findings									

General Comments	
00:00 to 24:00 Hrs on 27 Oct 2009	
Operational Comments	<p>Ditch Magnet Reading: 489 grams. (Section Total: 1349 grams). Hours on Jars: 17.8 hrs. (Well Total: 33.3hrs).</p> <p>CAR: 47/143 items closed (11 critical) Top Stop Cards: #1 - TPC walked onto pipe deck as containers were being landed. Sent him away. He returned a short time later. Told him to stay away until lifts completed, he complied. #2 - Observed person using incorrect device as a ladder. Stopped the job and obtained correct tool for the job. #3 - Noticed Trolley at Moon Pool had loose air tugger lines. Trolley could roll into slip joint and cause damage. Spoke to Toolpusher who got it sorted straight away.</p> <p>Non-compliance trends: General housekeeping, tools left on deck, minor PPE infringements. DODI Supervisor audits conducted: 2 DODI Interventions conducted: 5 Woodside Interventions conducted: 3 Daily Environmental Checklist findings: Conducted fuel watch while transferring fuel from the Lewek Swift. Cleaned moonpool of excess hydraulic oil from levers and mopped same.</p>

Performance Summary																
Daily								Cumulative Well								
P		NPT		SCC		NSC		P		NPT		SCC		NSC		Total
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
21.5	89.58	2.5	10.42					290.5	93.11	19.5	6.25			2	0.64	312