

Well Site Manager: Dennis Bell / Kevin Monkhouse **OIM: Rob Dotson**

Well Data							
Country	Australia	Total Planned Days	27.60	M. Depth	2912.0m	Current Hole Size	12.250in
Field	Otway Basin	Actual Days	14.00	TVD	2912.0m	Casing OD	13.375in
Rig Contractor	DOGC	Planned Days Completed	14.7	Progress	0.0m	Shoe TVD	1278.5m
Rig	OCEAN PATRIOT	Days +/- Curve	-0.7 (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	Monitor well pressures with well closed in.				
RT-ML	524.5m	Planned Op	Continue well kill operations. Open BOP and circulate well clean. POOH with drill string.				

Cost Data	Daily Cost: \$782,176		
	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	\$ 11,013,093	\$ 21,500,000
Completion	\$ 0	\$ 0	\$ 0
Testing	\$ 0	\$ 0	\$ 0
Intervention	\$ 0	\$ 0	\$ 0
Well Total	\$ 29,000,000	\$ 14,195,379	\$ 27,000,000

Summary of Period 0000 to 2400 Hrs

BOPs closed in on well kick. Initially commenced Weight and Wait control method, unsuccessful as well SICP at MAASP. Bullheaded 26.2m3 (165bbl) 1.5sg (12.5ppg) kill mud in increments into the well down the drill string. Established circulation and commenced displacing well to 1.5sg (12.5ppg) kill mud.

Operations For Period 0000 Hrs to 2400 Hrs on 28 Oct 2009

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
NPT (DHC)	IH1	DA	0000	0100	1.00	2912.0m	Pumped 1.5sg (12.5ppg) kill mud down drill string at 20spm using Weight and Wait Method. No mud returns observed while pumping. Rig unable to follow step down chart. Drill pipe pressure below calculated expectations, SICP at MAASP. Commenced with 1.7m3 (11bbl) 1.44sg (12.0ppg), the followed with 25.6m3 (161bbl) of 1.5sg (12.5ppg) kill mud pumped from surface to bit. 27.3m3 (172bbl) total pumped. Shut in. SIDPP 275kPa (40psi). SICP 480kPa (710psi). KLM gauge 5100kPa (750psi) with 1.3sg (10.8ppg) mud in line.
NPT (DHC)	IH1	DA	0100	0600	5.00	2912.0m	Monitored well pressures while assessing situation and reviewed remedial options. 03:10 Bled Drill Pipe to 0kPa (0psi) to confirm choke not plugged. OK.
NPT (DHC)	IH1	DA	0600	0630	0.50	2912.0m	Lined up and pumped 2.3m3 (15bbl) of 1.5sg (12.5ppg) kill mud down choke line to lubricate annulus. 0.8m3/min (21gpm), 5900kPa (860psi) pump pressure.
NPT (DHC)	IH1	DA	0630	0730	1.00	2912.0m	Shut in. SICP 4000kPa (580psi), KLM 5030kPa (730psi), SIDPP 0kPa (0psi).
NPT (DHC)	IH1	DA	0730	0800	0.50	2912.0m	Bled back 0.6m3 (4bbl) 1.5sg (12.5ppg) mud from choke line. Shut in. Monitored pressures for 10 minutes. SICP 4300kPa (630psi). KLM 4600kPa (670psi). Bled back further 1.7m3 (11bbl) from choke. Shut in. Monitored pressures. SICP 4600kPa (670psi), KLM 5030kPa (730psi), SIDPP 0kPa (0psi).
NPT (DHC)	IH1	DA	0800	0900	1.00	2912.0m	Monitored pressures. SICP 4000kPa (580psi), KLM 5030kPa (730psi), SIDPP 0kPa (0psi).
NPT (DHC)	IH1	DA	0900	0930	0.50	2912.0m	Bullheaded 2.4m3 (15bbl) of 1.5sg (12.5ppg) kill mud down drill string at 0.2m3/min (54gpm). ICP 1650kPa (240psi), FCP 1100kPa (160psi). Shut in. Monitored static pressures. SICP 4550kPa (680psi), KLM 5030kPa (730psi), SIDPP 0kPa (0psi).
NPT (DHC)	IH1	DA	0930	1100	1.50	2912.0m	Bullheaded 4m3 (25bbl) of 1.5sg (12.5ppg) kill mud down drill string at 0.2m3/min (54gpm). ICP 410kPa (60psi), FCP 1380kPa (200psi). Shut in. Monitored static pressures. SICP 4450kPa (650psi), KLM 5100kPa (740psi), SIDPP 0kPa (0psi).
NPT (DHC)	IH1	DA	1100	1130	0.50	2912.0m	Bullheaded 4m3 (25bbl) of 1.5sg (12.5ppg) kill mud down drill string at 0.2m3/min (54gpm). ICP 890kPa (130psi), FCP 1030kPa (150psi). Shut in. Monitored static pressures. SICP 4300kPa (630psi), KLM 4800kPa (700psi), SIDPP 0kPa (0psi).
NPT (DHC)	IH1	DA	1130	1230	1.00	2912.0m	Bullheaded 4m3 (25bbl) of 1.5sg (12.5ppg) kill mud down drill string at 0.2m3/min (54gpm). ICP 1100kPa (160psi), FCP 1200kPa (180psi). Shut in. Monitored static pressures. SICP 4200kPa (620psi), KLM 4800kPa (700psi), SIDPP 0kPa (0psi).

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
NPT (DHWC)	IH1	DA	1230	1330	1.00	2912.0m	Bullheaded 4m3 (25bbl) of 1.5sg (12.5ppg) kill mud down drill string at 0.2m3/min (54gpm). ICP 1240kPa (210psi), FCP 2350kPa (240psi). Shut in. Monitored static pressures. SICP 4100kPa (610psi), KLM 5300kPa (660psi), SIDPP 0kPa (0psi).
NPT (DHWC)	IH1	DA	1330	1600	2.50	2912.0m	Bullheaded 4m3 (25bbl) of 1.5sg (12.5ppg) kill mud down drill string at 0.2m3/min (54gpm). ICP 410kPa (300psi), FCP 1030kPa (320psi). Shut in. Monitored static pressures. SICP 4600kPa (600psi), KLM 5300kPa (660psi), SIDPP 0kPa (0psi).
NPT (DHWC)	IH1	DA	1600	1630	0.50	2912.0m	Prepared surface equipment to circulate kill mud. Held pre job JSA on Drill Floor
NPT (DHWC)	IH1	DA	1630	1830	2.00	2912.0m	Commenced pumping 1.5sg (12.5ppg) kill mud down drill string at 2.3m3/min (54gpm) returns via choke and atmospheric degasser.
NPT (DHWC)	IH1	DA	1830	2400	5.50	2912.0m	Commenced pumping while maintaining constant BHP. ICP (350psi). Diverted returns to slug pit to accurately monitor return volumes, then active pit 3 once 100% returns established. Shut in well after 187bbl pumped.
NPT (DHWC)	IH1	DA	1830	2400	5.50	2912.0m	Established circulation with 1.5sg (12.5ppg) kill mud down drill string holding BHP constant. New ICP at 0.2m3/min (54gpm) 3100kPa (450psi). Volume pumped up to midnight 100m3 (631bbl). 9.6m3 (61bbl) of mud/brine contaminated returns diverted to slug pit and operationally discharged.
Total Duration					24		

Operations For Period 0000 Hrs to 0600 Hrs on 29 Oct 2009

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
NPT (DHWC)	IH1	DA	0000	0530	5.50	2912.0m	Continued circulating 1.5sg (12.5ppg) kill weight mud at 556 L/min (1.3 bpm) down the drill string and through the choke. Total displacement of 70m3 (440bbbls) of 1.5sg (12.5ppg) kill weight mud since midnight. SIDPP = 2965 kPa (430psi); SICP = 2205 kPa (320psi); KLM = 3100 kPa (450psi).
NPT (DHWC)	IH1	DA	0530	0600	0.50	2912.0m	(IN PROGRESS) Bled off pressure from well. SIDPP 275 kPa (40psi). SICP = 760kPa (110psi); KLM = 2480 kPa (360psi). Shut in and monitored pressures. Pressure increased; SIDPP 2413 kPa (350psi); SICP to 3450 kPa (500psi); KLM to 4480 kPa (650psi).
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		

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)		No.	Size	Progress	0.0m	Cum. Progress	1629.0m			
Type:	PDC	RPM (avg)		10	12/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	42.4h			
Serial No.:	JD0772	F. Rate	55.00gpm			IADC Drill Hrs	24.0h	Cum IADC Drill Hrs	78.0h			
Depth In	1284.0m	SPP				Total Revs		Cum Total Revs	236000			
Depth Out		HSI	0.00HSI			ROP (avg)	N/A	ROP (avg)	38.42 m/hr			
Bit Model	MDSi716	TFA	1.104in ²									

BHA # 3							
Weight Below Jar		Parameters					
40.00klb	BHA Weight	65.00klb	Rot Weight	265.00klb	Torque (max)	D.P. Ann Velocity	0mpm
10.1m	Bit to G.R Sensor Center	10.1m	Pick-Up Weight	265.00klb	Torque Off Bottom (avg)	D.C. (1) Ann Velocity	0mpm
18.1m	Bit to Dir. Sensor Center	18.1m	Slack-Off Weight	260.00klb	Torque On Bottom (avg)	D.C. (2) Ann Velocity	0mpm

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:	3.8cc/30min	Cl:	50000mg/l	Solids(%vol):	17.0%	Viscosity	85sec/L
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	9%	H2O:	83.0%	PV	25cp
Time:	07:30	HTHP-FL:		Hard/Ca:	1050mg/l	Oil(%):	0.0%	YP	33lb/100ft²
Weight:	1.50sg	HTHP-cake:		MBT:	3	Sand:	0.5	Gels 10s	7
Temp:		Glycol:		PM:		pH:	9	Gels 10m	9
				PF:	0.4	PHPA:		Fann 003	7
Comment	Maintained volumes and densities as required for well control operations.							Fann 006	9
								Fann 100	33
								Fann 200	47
								Fann 300	58
								Fann 600	83

WBM Data									
Mud Type:	Ultradril	API FL:	4.0cc/30min	Cl:	52000mg/l	Solids(%vol):	17.0%	Viscosity	83sec/L
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	9%	H2O:	83.0%	PV	24cp
Time:	22:00	HTHP-FL:	11.0cc/30min	Hard/Ca:	1000mg/l	Oil(%):	0.0%	YP	34lb/100ft²
Weight:	1.50sg	HTHP-cake:	2/32nd"	MBT:	3	Sand:	0.5	Gels 10s	7
Temp:	49C°	Glycol:		PM:		pH:	9.2	Gels 10m	9
				PF:	0.45	PHPA:		Fann 003	7
Comment								Fann 006	9
								Fann 100	32
								Fann 200	47
								Fann 300	58
								Fann 600	82

Bulk Stock									
Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance
'G' Cmt	MT	0	0	57.0	Drill Water	M3	0	7	383.0
Fuel	M3	0	18.4	286.9	Barite	MT	0	42	103.0

Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance
Pot Water	M3	34	26	328.0	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	In Portland		Fuel	m3	381.7	Lewek Emerald	On Standby	Fuel	m3	332.7	
		Pot Water	m3	472	Pot Water			m3	120		
		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 : 97

Company	Pax	Company	Pax
Diamond Offshore	50	MI Australia PTY LTD	2
ESS	8	Schlumberger DD	2
Woodside	8	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	91	0	1
Well To Date	8	4	6	4	0	1	4	1320	1	3
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	6	4	0	1	4	1320	1	3
Year To Date	8	4	6	4	0	1	4	1320	1	3
Comments/ Findings	Number Observe Cards 91 - Safe/Unsafe: 67/24 (DODI - 40; ESS - 5; TPC - 39; WEL - 7). Env Insp Check 1 - D&C Environmental Engineer conducted an inspection of the rig and recorded progress against initial visit and inspection conducted while on tow.									

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 28 Oct 2009	
Operational Comments	<p>Ditch Magnet Reading: 0 grams. (Section Total: 1349 grams). Hours on Jars: 0 hrs. (Well Total: 50.6hrs).</p> <p>CAR: 86/143 items closed (13 critical) Top Stop Cards: #1 - Observed the bunding at the stbd. bulk loading area is a potential trip hazard. It needs to be high-lighted in yellow to make people aware. Observed the hose to the rubbish compactor jutting out. Has become a potential trip hazard. Informed the Motorman, and requested he make the area safe. Informed galley staff to take care when around the compactor.</p> <p>Non-compliance trends: Items left in clothing pockets at the Laundry. General housekeeping, tools left on deck, minor PPE infringements. DODI Supervisor audits conducted: 1 DODI Interventions conducted: 3 Woodside Interventions conducted: 3 Daily Environmental Checklist findings: Cleaned excess hydraulic oil from anchor machine rooms and levers in moonpool. Conducted oil watch duties around the rig.</p>

Performance Summary																
Daily								Cumulative Well								
P		NPT		SCC		NSC		P		NPT		SCC		NSC		Total
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
		24	100					290.5	86.46	43.5	12.95			2	0.6	336