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	15.00	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	+ 0.3 (Behind)			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	Circulating well with 1.5 sg (12.5 ppg) kill weight fluid.				
RT-ML	524.5m	Planned Op	Continue well control operations.				

Cost Data

Daily Cost: $739,015

	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	$ 11,752,108	$ 21,500,000
Completion	$ 0	$ 0	$ 0
Testing	$ 0	$ 0	$ 0
Intervention	$ 0	$ 0	$ 0
Well Total	$ 29,000,000	$ 14,934,394	$ 27,000,000

Summary of Period 0000 to 2400 Hrs

Shut in well and monitored pressures. Bled off 6.3m3 (40bbl) in two increments. Shut in and observed pressures return. Commenced circulating well.

Operations For Period 0000 Hrs to 2400 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 (440bbls) 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	0700	1.50	2912.0m	Bled off pressure from well. SIDPP 275 kPa (40psi). SICP = 760kPa (110psi); KLM = 2480 kPa (360psi). Shut in and monitored prerssures. Pressure increased; SIDPP 2413 kPa (350psi); SICP to 3450 kPa (500psi); KLM to 4480 kPa (650psi).
NPT (DHWC)	IH1	DA	0700	1000	3.00	2912.0m	Bled off pressure from well. Reduced drill pipe pressure by 205 kPa (30psi) via choke. Shut in and monitored pressures. SIDPP increased from 2068 kPa (300psi) to 2895 kPa (420psi); SICP increased from 3240 kPa (470psi) to 3930 kPa (570psi); KLM increased from 4205 kPa (610psi) to 4965 (720psi).
NPT (DHWC)	IH1	DA	1000	1330	3.50	2912.0m	Bled off 3.2m3 (20bbls) through choke. Shut in and monitered pressures. SIDPP increased from 825 kPa (120psi) to 2068 kPa (300psi). SICP increased from 2480 kPa (360psi) to 3450 kPa (500psi). KLM increased from 3380 kPa (490psi) to 4410 kPa (640psi).
NPT (DHWC)	IH1	DA	1330	1530	2.00	2912.0m	Held pre-job meeting. Bled off another 3.2m3 (20 bbls) through choke. Shut in and monitored pressures. SIDPP decreased from 2345 kPa (340psi) to 1100 kPa (160psi). SICP decreased from 3725 kPa (540psi) to 3450 kPa (500psi). KLM pressure decreased from 4690 kPa (680psi) to 4345 kPa (630psi).
NPT (DHWC)	IH1	DA	1530	1630	1.00	2912.0m	Shut in choke and monitored pressure build up.
NPT (DHWC)	IH1	DA	1630	2400	7.50	2912.0m	Circulated 1.5sg (12.5ppg) mud down drill string and through choke. Initial pressures: SIDP = 1930 kPa (280psi); SICP = 3585 kPa (520psi) and KLM = 4690 kPa (680psi). Total pumped 134m3 (835bbls).
Total Duration					24		

Operations For Period 0000 Hrs to 0600 Hrs on 30 Oct 2009

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
NPT (DHWC)	IH1	DA	0000	0100	1.00	2912.0m	Continued circulating 1.5sg (12.5ppg) kill weight mud down drill string and through choke at 318 L/min (2 bpm). DP = 3975 kPa (1050 psi) and CP = 1862 kPa (270psi). Pumped 10m3 (64bbls) of containment mud/seawater to slug pit & dumped same.
NPT (DHWC)	IH1	DA	0100	0230	1.50	2912.0m	Increased pump rate to 477 L/min (3 bpm) down drill string. DP = 317kPa (1940psi); CP = 1792 kPa (260psi); KLM = 3585 kPa (520psi). Suspected plugged nozzles.
NPT (DHWC)	IH1	DA	0230	0400	1.50	2912.0m	Increased pump rate to 556 L/min (3.5 bpm) down drill string. DP = 17.2MPa (2500psi); CP = 1100kPa (160psi); KLM = 2965kPa (430psi). Total volume pumped 252m3 (1,574 bbls).
NPT	IH1	DA	0400	0600	2.00	2912.0m	(IN PROGRESS) Shut in well and monitored pressures. SIDPP increased from 2068 kPa

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
(DHWC)							(300psi) to 2413 kPa (350psi). SICP constant at 2413 kPa (350psi). KLM increased from 2965 kPa (430psi) to 3585 kPa (520psi). (Weighted up active pit to 1.58sg (13.2ppg)).
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	85.00gpm		IADC Drill Hrs	24.0h	Cum IADC Drill Hrs	102.0h
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	1.104in²					

BHA # 3

Weight Below Jar	40.00klb	**Parameters**					
BHA Weight	65.00klb	Rot Weight	330.00klb	Torque (max)		D.P. Ann Velocity	0mpm
Bit to G.R Sensor Center	10.1m	Pick-Up Weight	340.00klb	Torque Off Bottom (avg)		D.C. (1) Ann Velocity	0mpm
Bit to Dir. Sensor Center	18.1m	Slack-Off Weight	330.00klb	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		
Near Bit Stab	2.56m	2.89 m	12.250in	2.875in	w/ Ported Float
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:	4.0cc/30min	Cl:	42500mg/l	Solids(%vol):	17.0%	Viscosity	72sec/L
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	7%	H2O:	83.0%	PV	24cp
Time:	10:00	HTHP-FL:		Hard/Ca:	1200mg/l	Oil(%):	0.0%	YP	39lb/100ft²
Weight:	1.50sg	HTHP-cake:		MBT:	3	Sand:	0.5	Gels 10s	9
Temp:		Glycol:		PM:		pH:	7.5	Gels 10m	11
				PF:	0	PHPA:		Fann 003	9
								Fann 006	11
								Fann 100	39
								Fann 200	55
								Fann 300	63
								Fann 600	87

Comment: Had returns cut to 1.24 sg for 10mins from bottoms up. Corresponded with CO2 gas peak. Took on additional barite from L.Emerald while shut in. On second circulation took filtrate samples every 1/2 hour. Checked chlorides, pH and tracer concentration. Bottoms up again water cut with corresponding CO2 gas peak.

WBM Data

Mud Type:	Ultradril	API FL:	3.6cc/30min	Cl:	47000mg/l	Solids(%vol):	17.0%	Viscosity	65sec/L
Sample-From:	Active	Filter-Cake:	1/32nd"	K+C*1000:	8%	H2O:	83.0%	PV	24cp
Time:	21:00	HTHP-FL:		Hard/Ca:	1200mg/l	Oil(%):	0.0%	YP	36lb/100ft²
Weight:	1.50sg	HTHP-cake:		MBT:	3	Sand:	0.5	Gels 10s	8
Temp:		Glycol:		PM:		pH:	8.2	Gels 10m	10
				PF:	0	PHPA:		Fann 003	8
								Fann 006	10
								Fann 100	37
								Fann 200	53
								Fann 300	60
								Fann 600	84

Comment

Bulk Stock

Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance
'G' Cmt	MT	0	0	57.0	Drill Water	M3	0	17	366.0
Fuel	M3	0	8.7	278.2	Barite	MT	86	62	127.0
Pot Water	M3	38	27	339.0	Bentonite	MT	0	0	55.0
Fresh water	M3	0	0	0.0					

Supply Vessel

Boats	Status	Bulks		
		Item	Unit	Quantity
Lewek Swift	On Standby	Fuel	m3	682.8
		Pot Water	m3	485
		Drill Water	m3	511
		CEMENT G	mt	0
		CEMENT HT (SILICA)	mt	88
		Barite	mt	105
		Bentonite	mt	8
		BRINE	bbls	0

Boats	Status	Bulks		
		Item	Unit	Quantity
Lewek Emerald	On Standby	Fuel	m3	323.7
		Pot Water	m3	112
		Drill Water	m3	410
		CEMENT G	mt	40
		CEMENT HT (SILICA)	mt	0
		Barite	mt	0
		Bentonite	mt	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	LTI	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	1	0	1	0	0	0	0	93	0	0
Well To Date	9	4	7	4	0	1	4	1413	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	9	4	7	4	0	1	4	1413	1	3
Year To Date	9	4	7	4	0	1	4	1413	1	3
Comments/ Findings	GSR Comp Checks 1 - Electrical isolation: local isolation of AC motor to check cooling fan - compliant. PTW Audit 1 - Routine check of AC motor cooling fan requiring a local isolation in the engine room - compliant. Number Observe Cards 93 - Safe/Unsafe: 71/22 (DODI - 36; ESS - 13; TPC - 37; WEL - 7)									

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 29 Oct 2009

Operational Comments	Ditch Magnet Reading: 0 grams. (Section Total: 1349 grams). Hours on Jars: 0 hrs. (Well Total: 74.6hrs). CAR: 86/143 items closed (13 critical) Top Stop Cards: #1 - Observed person using stairwell without using handrail. Stopped and advised person of dangers. He concurred. #2 - Saw a man about to walk downstairs with a load in both hands. Stopped him so he would have one hand free for holding the handrail. Non-compliance trends: Items left in clothing pockets at the Laundry. Hands not on handrails. Laundry door continually tied open, explained to the laundry personnel this is a fire door that needs to be closed. DODI Supervisor audits conducted: 4 DODI Interventions conducted: 5 Woodside Interventions conducted: 3 Daily Environmental Checklist findings: Cleaned excess hydraulic oil from anchor machine rooms and levers in moonpool.

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	80.69	67.5	18.75			2	0.56	360