

Well Site Manager: Dennis Bell / Kevin Monkhouse				OIM: Dennis Gore			
Well Data							
Country	Australia	Total Planned Days	27.60	M. Depth	861.0m	Current Hole Size	17.500in
Field	Otway Basin	Actual Days	6.00	TVD	861.0m	Casing OD	30.000in
Rig Contractor	DOGC	Planned Days Completed	6.5	Progress	288.5m	Shoe TVD	569.4m
Rig	OCEAN PATRIOT	Days +/- Curve	-0.5 (Ahead)			FIT/LOT	/
Water Depth(LAT)	503.0m	Spud Date	19 Oct 2009			Last BOP Test	
RT-ASL(LAT)	21.5m	Operations @ 0600	Drill ahead in 444mm (17.5") hole.				
RT-ML	524.5m	Planned Op	Circulate well clean. Displace hole to PHG/Drispac. POOH. Rig up, run and cement 340mm (13.375") casing				

Cost Data			Daily Cost: \$918,032		
	AFE	Actual Cost to Date	EFC		
Mob/Demob	\$ 5,900,000	\$ 3,132,599	\$ 5,500,000		
Drilling	\$ 23,100,000	\$ 2,936,179	\$ 18,400,000		
Completion	\$ 0	\$ 0	\$ 0		
Testing	\$ 0	\$ 0	\$ 0		
Intervention	\$ 0	\$ 0	\$ 0		
Well Total	\$ 29,000,000	\$ 6,068,778	\$ 23,900,000		

Summary of Period 0000 to 2400 Hrs
Ran 762mm (30") casing with PGB attached. Stabbed into well, worked down with some difficulty and landed out on TGB. Cemented casing. POOH with RT. Ran 444mm (17.5") BHA assembly and drilled 444mm (17.5") hole to 861m

Operations For Period 0000 Hrs to 2400 Hrs on 20 Oct 2009							
CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
P	SC	RCS	0000	0030	0.50	572.5m	Picked up PGB to confirm engagement on conductor. (Combined PGB, conductor plus Running String weight 82mt (180klbs)). Skidded moonpool trolley clear, installed guide lines 1 and 2 into PGB guide posts. Ran PGB to water line and pumped seawater to fill casing. Closed Running Tool vent valves when full and pumped at 2800litre/min (730gpm) to confirm RT seals - OK.
P	SC	RCS	0030	0200	1.50	572.5m	Ran 762mm (30") casing to 520m. (Checked bullseye readings while suspended. Aft bullseye indicated 0.5deg port. Port bullseye indicated 0.5deg starboard.)
P	SC	RCS	0200	0230	0.50	572.5m	Stabbed conductor shoe into well with ROV assistance.
P	SC	RCS	0230	0500	2.50	572.5m	RIH to 550m. Assembly started taking weight. Broke circulation and worked past obstructions at 550m and 557m. Continued working in hole until PGB landed out on TGB. (508mm (20") shoe depth 569.44m).
P	SC	RCS	0500	0530	0.50	572.5m	Slacked off entire conductor/PGB weight onto TGB funnel. Checked bullseyes. (Port bullseye showed 0.9deg - 320 heading. Aft bullseye showed 0.75deg - 280 heading). Circulated well with seawater at 1600litre/min (10bbl/min), with 1400kPa (200psi) and held pre cement job JSA.
P	SC	CMC	0530	0730	2.00	572.5m	Dowell pumped 1.5m3 (10bbl) of seawater. Pressure tested surface lines to 13.800MPa (2000psi) - OK. Dowell pumped 60bbl of seawater followed by 3m3 (20bbl) of sea water with fluorescent dye. Dowell mix and pumped 32m3 (200bbl) 1.9SG (15.8ppg) G cement slurry and displaced with 6.2m3(39bbl) of seawater. Checked for back flow at cement unit - no flow. Checked PGB bullseyes - OK. Aft 0.82deg @ 290deg. Port 0.75deg @ 300deg Rigged down cement hose.
P	SC	CMC	0730	0800	0.50	572.5m	Released 762mm (30") RT from well head. Pulled RT clear of well head and flushed through drill string with 8m3 (50bbl) seawater.
P	SC	RBH	0800	0900	1.00	572.5m	POOH with RT. (ROV secured TGB recovery chains to PGB).
P	SC	PUB	0900	1000	1.00	572.5m	Laid down 762mm (30") RT, cement stinger and cement stand.
P	IH1	PUP	1000	1200	2.00	572.5m	Picked up and racked 10 stands of 127mm (5") DP.
P	IH1	PUB	1200	1300	1.00	572.5m	Made up Deep Sea Express cement head to stand and racked in derrick.
P	IH1	PUP	1300	1630	3.50	572.5m	Made up 444mm (17.5") BHA. Secured motor to guide lines and RIH to 288m.
P	IH1	PUP	1630	1800	1.50	572.5m	Held pre job JSA. Picked up singles and RIH to 489m.
P	IH1	RBH	1800	1830	0.50	572.5m	Continued to RIH with pipe from the derrick from 489m. Entered well at 522m and RIH to

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
P	IH1	RBH	1830	1900	0.50	572.5m	546m. Held Shallow gas and drill ahead JSA on Drill Floor. Tagged cement at 567.25m
P	IH1	DC	1900	2000	1.00	573.0m	Drilled out cement and shoe. Cleaned out rat hole to 573m. Worked and circulated to clean shoe and rat hole
P	IH1	DA	2000	2400	4.00	861.0m	Drilled 444mm (17.5") hole from 573m to 861m. 2270litre/min (600gpm), 20rpm, 4.5MT (10k) wob, until roller reamer clear of shoe. Parameters increased to 4350litre/min (1150gpm), 100rpm, 6780N-m (5k ft-lbs) torq, 9MT (20k) WOB. Pumped 15m3 (100bbl) PHG each stand, timed to be around BHA on connections. ROP 150 TO 200 MPH
Total Duration					24		

Operations For Period 0000 Hrs to 0600 Hrs on 21 Oct 2009

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
P	IH1	DA	0000	0600	6.00	1211.0m	Drilled 444mm (17.5") hole from 861m to 1211m. 4350litre/min (1150gpm), 100rpm, 6780N-m (5k ft-lbs) torq, 9MT (20k) WOB. Pumped 15m3 (100bbl) PHG each stand, timed to be around BHA on connections.
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		

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
0.00	0.00	0.00						
599.08	0.58	120.59	599.07	-1.54	0.029	-1.54	2.61	
684.35	0.43	120.90	684.34	-1.93	0.053	-1.93	3.26	
713.04	0.53	133.63	713.03	-2.07	0.152	-2.07	3.45	

Bit # 2

				Wear	I	O1	D	L	B	G	O2	R
Size:	17.500in	IADC#	115	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Manf:	SMITH	WOB (avg)	8.30klb	No.	Size	Progress	288.5m	Cum. Progress	288.5m			
Type:	Milltooth	RPM (avg)	88	3	12/32nd"	On Bottom Hrs	4.0h	Cum. On Btm Hrs	4.0h			
Serial No.:	PM6863	F. Rate	1162.00gpm	3	15/32nd"	IADC Drill Hrs	4.0h	Cum IADC Drill Hrs	4.0h			
Depth In	572.5m	SPP	3726psi			Total Revs	55800	Cum Total Revs	55800			
Depth Out		HSI	4.22HSI			ROP (avg)	72.13 m/hr	ROP (avg)	72.13 m/hr			
Bit Model	XR+VEJ3	TFA	0.849in ²									

BHA # 2							
Weight Below Jar	50.00klb	Parameters					
BHA Weight	80.00klb	Rot Weight	226.00klb	Torque (max)	7ft.lbs	D.P. Ann Velocity	31mpm
Bit to G.R Sensor Center		Pick-Up Weight	276.00klb	Torque Off Bottom (avg)	2ft.lbs	D.C. (1) Ann Velocity	36mpm
Bit to Dir. Sensor Center	29.5m	Slack-Off Weight	221.00klb	Torque On Bottom (avg)	4ft.lbs	D.C. (2) Ann Velocity	40mpm

BHA Objective					
Equipment	Length	Cum. Length	OD	ID	Comment
Bit	0.44m	0.44 m	17.500in		
Mud Motor	10.79m	11.23 m	17.250in	7.750in	
Stabilizer	2.17m	13.4 m	17.250in	3.000in	
9 1/2" DC	9.48m	22.88 m	9.500in	3.000in	
Roller Reamer	2.47m	25.35 m	17.250in	3.000in	
Saver Sub	0.47m	25.82 m	9.375in	3.500in	
Power Pulse	7.55m	33.37 m	8.250in	5.810in	
Saver Sub	0.55m	33.92 m	8.375in	4.250in	
NMDC	9.07m	42.99 m	8.250in	2.190in	
8in DC	73.35m	116.34 m	8.000in	2.750in	
Jars	9.75m	126.09 m	8.060in	3.000in	
8in DC	18.65m	144.74 m	8.000in	2.750in	
X/O	1.11m	145.85 m	8.250in	2.750in	
HWDP	142.17m	288.02 m	5.000in	3.000in	

WBM Data							
Mud Type:	PHG / Guar	API FL:	Cl:	300mg/l	Solids(%vol):	Viscosity	100sec/L
Sample-From:		Filter-Cake:	K+C*1000:		H2O:	PV	
Time:	20:00hrs	HTHP-FL:	Hard/Ca:	40mg/l	Oil(%):	YP	
Weight:	1.04sg	HTHP-cake:	MBT:		Sand:	Gels 10s	
Temp:		Glycol:	PM:		pH:	Gels 10m	
			PF:		9.5	Fann 003	
Comment	Sampled and tested barite in bulk silo-3 (high bentonite content) indicating missing bulk gel from silo-1 was transferred into silo-3. Will attempt to use this for sweeps in 17-1/2" hole. Built Type-1 Displacement mud in pits 1 and 2. NPT (fluids) : 0					Fann 006	
						Fann 100	
						Fann 200	
						Fann 300	
						Fann 600	

Bulk Stock									
Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance
'G' Cmt	MT	0	39	30.0	Drill Water	M3	150	288	355.0
Fuel	M3	0	11.9	277.3	Barite	MT	90	0	199.0
Pot Water	M3	36	25	218.0	Bentonite	MT	32	20	57.0
Fresh water	M3	0	0	0.0					

Supply Vessel															
Boats		Status			Bulks			Boats		Status			Bulks		
Lewek Swift	On Standby	Item	Unit	Quantity	Lewek Emerald	In Portland. Note: slight discrepancy between Bentonite transferred to the rig (38T) and the amount received on the rig (32T) due to contamination issues on the rig.	Item	Unit	Quantity						
		Fuel	m3	524.3			Fuel	m3	580.7						
Pot Water	m3	60	Pot Water	m3	90										
Drill Water	m3	0	Drill Water	m3	169										
CEMENT G	mt	0	CEMENT G	mt	65										
CEMENT HT (SILICA)	mt	0	CEMENT HT (SILICA)	mt	0										
Barite	mt	199	Barite	mt	96										
Bentonite	mt	8	Bentonite	mt	0										
BRINE	bbls	1500	BRINE	bbls	1500										

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	12.42 / 12.56	9 / 9	S76

Personnel On Board				Total : 94
Company	Pax	Company	Pax	
Diamond Offshore	50	Dril-Quip	1	
ESS	9	MI Australia PTY LTD	2	
Woodside	8	Schlumberger DD	2	
BHI	6	Schlumberger MWD/LWD	2	
BJ Tubulars	3	Subsea 7	6	
Dowell Schlumberger	2	OTHER	3	

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	0	0	0	0
Month To Date	0	0	0	0	0	1	0	0	0	0	0	0
Year To Date	0	0	0	0	0	1	0	0	0	0	0	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	98	0	0
Well To Date	2	1	2	2	0	0	1	608	1	1
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	2	1	2	2	0	0	1	608	1	1
Year To Date	2	1	2	2	0	0	1	608	1	1
Comments/ Findings	Number Observe Cards 98 - Safe/Unsafe: 66/32 (DODI - 57; ESS - 6; TPC - 27; WEL - 8)									

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 20 Oct 2009	
Operational Comments	<p>Final well surface position: Lat - 39deg 20' 36.757" South; Long - 142deg 44' 56.144" East. Map Grid of Australia (MGA) Zone 54 CM 141deg East. 650 712.40m Easting; 5 643 640.36m Northing. Final Rig Heading: 279.0deg True (280.1deg Grid).</p> <p>CAR: 42/143 items closed (11 critical) Top Stop Cards: #1 - Noticed person struggling up stairs with a heavy load. Stopped to offer assistance to prevent any incidents from occurring. #2 - Found a cutting blade left in a hazardous position in the marine locker. Moved the blade to a safer area out of harms way.</p> <p>Non-compliance trends: No hands on handrails. Tools and equipment obstructing safety equipment or not being replaced at end of job. Loose tubulars left unchocked around pipedeck. DODI Supervisor audits conducted: 2 DODI Interventions conducted: 5 Woodside Interventions conducted: 3</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							131	90.97	13	9.03					144