

Well Site Manager: Dennis Bell / Kevin Monkhouse **OIM: Dennis Gore**

Well Data							
Country	Australia	Total Planned Days	27.60	M. Depth	1284.0m	Current Hole Size	17.500in
Field	Otway Basin	Actual Days	10.00	TVD	1284.0m	Casing OD	13.375in
Rig Contractor	DOGC	Planned Days Completed	11.3	Progress	0.0m	Shoe TVD	1280.0m
Rig	OCEAN PATRIOT	Days +/- Curve	-1.3 (Ahead)			FIT/LOT	/
Water Depth(LAT)	503.0m	Spud Date	19 Oct 2009			Last BOP Test	23 Oct 2009
RT-ASL(LAT)	21.5m	Operations @ 0600	Drilling out 340mm (13 3/8") shoe track.				
RT-ML	524.5m	Planned Op	Drill out shoe track while displacing to Ultradril mud. Drill 5m of new 310mm (12 1/4") hole. Pull into casing and perform LOT. Drill ahead in 310mm (12 1/4") hole.				

Cost Data		Daily Cost: \$1,516,214		
	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	\$ 7,317,751	\$ 18,400,000	
Completion	\$ 0	\$ 0	\$ 0	
Testing	\$ 0	\$ 0	\$ 0	
Intervention	\$ 0	\$ 0	\$ 0	
Well Total	\$ 29,000,000	\$ 10,500,037	\$ 23,900,000	

Summary of Period 0000 to 2400 Hrs

Picked up 127mm (5") DP from catwalk. Function tested BOP. Racked back DP. Laid out 444mm (17 1/2") BHA. Made up 310mm (12 1/4") BHA. FEWD tools failed shallow test. Replaced failed tools. Loaded sources and shallow tested same. Made up 310mm (12 1/4") BHA to 265m. Picked up DP to 1185m. Broke circulation and washed to 1216m.

Operations For Period 0000 Hrs to 2400 Hrs on 24 Oct 2009

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
P	IH1	PUP	0000	0430	4.50	1284.0m	Picked up 84 jts of 127mm(5") DP from catwalk from 290m to 1094m. (Total DP picked up 114 jts / 38 stands). Actual 230m/hr vs TL 200m/hr.
P	IH1	BPT	0430	0600	1.50	1284.0m	Performed function test on BOP. Functioned on Blue pod from DF panel. Functions checked on yellow pod from remote panel in TPs office.
P	IH1	PUB	0600	0630	0.50	1284.0m	Broke crossover connection on 476mm (18 3/4") WHRT and laid out.
P	IH1	PUP	0630	0900	2.50	1284.0m	POOH and racked back 38 stands of 127mm (5") DP in derrick.
NPT (SRE)	IH1	TT	0900	0930	0.50	1284.0m	Function tested diverter system - Failed. Replaced hose and damaged inner diverter packer.
P	IH1	TT	0930	0945	0.25	1284.0m	Function tested diverter system again - OK.
P	IH1	SER	0945	1000	0.25	1284.0m	Flushed through port and starboard overboard lines.
P	IH1	PUB	1000	1200	2.00	1284.0m	Laid out Power Pulse, Roller Reamer, 1x 240mm (9 1/2") DC, and mud motor from the 444mm (17 1/2") BHA.
P	IH1	PUB	1200	1500	3.00	1284.0m	Held pre job JSA and picked up 310mm (12 1/4") BHA.
NSC (DBHE)	IH1	TT	1500	1530	0.50	1284.0m	Attempted to shallow test MWD / FEWD tool set. Test failed.
NSC (DBHE)	IH1	TT	1530	1600	0.50	1284.0m	Laid out ADN and Sonic Vision tools due to test failure.
NSC (DBHE)	IH1	PUB	1600	1700	1.00	1284.0m	Picked up and made up replacement ADN and Sonic Vision tools.
P	IH1	PUB	1700	1730	0.50	1284.0m	Shallow tested MWD / FEWD tools 3780ltr/min (1000 gpm), 6,800kPa (1000psi). Good test.
P	IH1	PUB	1730	1800	0.50	1284.0m	Schlumberger installed radioactive source in ADN tool.
P	IH1	PUB	1800	1830	0.50	1284.0m	Made up 310mm (12 1/4") BHA and RIH to 151m.
P	IH1	PUB	1830	1900	0.50	1284.0m	Shallow tested Schlumberger MWD / FEWD tools 3780ltr/min (1000 gpm), 10,300kPa (1500psi)
P	IH1	PUB	1900	1930	0.50	1284.0m	Continued to RIH with 310mm (12 1/4") BHA.
P	IH1	PUP	1930	2330	4.00	1284.0m	Held pre job JSA and RIH to 1185m, picking up 96jts of 127mm (5") DP from catwalk. Pipe drifted to 66mm (2 5/8").
P	IH1	RW	2330	2400	0.50	1284.0m	Broke circulation with sea water. BHI and Schlumberger set parameters. Washed down from 1185m to 1216m at 1060ltr/min (282gpm), 2060kPa (300psi).

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
Total Duration					24		

Operations For Period 0000 Hrs to 0600 Hrs on 25 Oct 2009

CLS	PHSE	OP	From	To	Hrs	Depth	Activity Description
P	IH1	RW	0000	0030	0.50	1284.0m	Washed down from 1216m and tagged TOC at 1240.2m (tide corrected). 1.3m ³ (340gpm), 2750kPa (400psi). Tagged with 6.8m ³ (15k) weight.
P	IH1	DC	0030	0100	0.50	1284.0m	Drilled cement from 1240.2m to top plug at 1251.3m. 2.3m ³ /min (600gpm), 10,300kPa (1500psi), 2.2mt (5klbs) to 4.4mt (10klbs) WOB, 60rpm.
P	IH1	DC	0100	0600	5.00	1284.0m	Concurrent Operations: Displaced hole to 1.25sg Ultradriill mud. (IN PROGRESS) Drilled cement plugs and float collar from 1251.3m to 1253m. 22.3m ³ /min (600gpm), 10,300kPa (1500psi), 2.2mt (5klbs) to 4.4mt (10klbs) WOB, 60rpm. Concurrent Operations: Displaced hole to 1.25sg Ultradriill mud. Interface at surface at 01:30.
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		

WBM Data

Mud Type:	Ultradriill	API FL:	6.5cc/30min	Cl:	70000mg/l	Solids(%vol):	10.5%	Viscosity	72sec/L
Sample-From:	Pit #4	Filter-Cake:	2/32nd"	K+C*1000:	11%	H2O:	90.0%	PV	6cp
Time:	21:00	HTHP-FL:		Hard/Ca:	440mg/l	Oil(%):	0.0%	YP	44lb/100ft ²
Weight:	1.25sg	HTHP-cake:		MBT:		Sand:		Gels 10s	5
Temp:		Glycol:		PM:		pH:	8.5	Gels 10m	8
				PF:	0	PHPA:		Fann 003	5
Comment	Completed weighting 1877 bbls new Ultradriill mud to 1.25 sg with 4% Klastop. Backloaded 2 plts Guar Gum in containers 48731, 44720. Barite received from L.Swift (175 MT) QA Test : pass. Mixed and operationally discharged bentonite contaminated barite from Silo # 3. 18MT costed. Prepared for displacement. NPT (fluid related) - 0.							Fann 006	7
								Fann 100	23
								Fann 200	31
								Fann 300	50
								Fann 600	56

Bulk Stock

Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance
'G' Cmt	MT	0	0	57.0	Drill Water	M3	0	12	330.0
Fuel	M3	0	13	330.1	Barite	MT	168	69	193.0
Pot Water	M3	34	29	262.0	Bentonite	MT	0	18	55.0
Fresh water	M3	0	0	0.0					

Supply Vessel

Boats		Status	Bulks			Boats		Status	Bulks		
Item	Unit	Quantity	Item	Unit	Quantity	Item	Unit	Quantity	Item	Unit	Quantity
Lewek Swift	On Standby.		Fuel	m3	469.3	Lewek Emerald	In Portland		Fuel	m3	394.7
			Pot Water	m3	146				Pot Water	m3	152
			Drill Water	m3	0				Drill Water	m3	275
			CEMENT G	mt	0				CEMENT G	mt	40
			CEMENT HT (SILICA)	mt	88				CEMENT HT (SILICA)	mt	0
			Barite	mt	31				Barite	mt	67
			Bentonite	mt	8				Bentonite	mt	0
			BRINE	bbls	1500				BRINE	bbls	600

Personnel On Board			Total : 93
Company	Pax	Company	Pax
Diamond Offshore	51	Dril-Quip	1
ESS	8	MI Australia PTY LTD	2
Woodside	7	Schlumberger DD	2
BHI	6	Schlumberger MWD/LWD	3
BJ Tubulars	3	Subsea 7	6
Dowell Schlumberger	2	Petrotech	2

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	1	0	0	0
Well To Date	0	0	0	0	0	1	0	0	1	0	0	0
Month To Date	0	0	0	0	0	1	0	0	1	0	0	0
Year To Date	0	0	0	0	0	1	0	0	1	0	0	0
Comments/ Findings	Flare fell into sea when Welder was maintaining handrails. Recovered by support vessel.											

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	2	2	0	1	0	0	0	81	0	0
Well To Date	5	4	2	3	0	0	2	964	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	5	4	2	3	0	0	2	964	1	2
Year To Date	5	4	2	3	0	0	2	964	1	2
Comments/ Findings	GSR Comp Checks 2 - #1 - Welder: Excellent work ethic. Some signage still missing in Welders Shop. #2 - Electrical operations in SCR & main control room are all well controlled and equipment has full loto facility. JSA Comp Checks 2 - #1 - Backloading Equipment to the Boat: Good JSA. Cross referencing to other applicable documents needed. #2 - Deck Ops & Handling Tubulars: Good discussion had about pros & cons of push sticks. Area Inspection 1 - Main Deck/Engine Rm/Switch Gear Room: Eyewash station in sackroom needs relocation. Deck drainage system needs a closed system connected through oil-water separator. Number Observe Cards 81 - Safe/Unsafe: 58/23 (DODI - 44; ESS - 6; TPC - 24; 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 24 Oct 2009	
Operational Comments	<p>CAR: 47/143 items closed (11 critical) Top Stop Cards: #1 - Found an uneven grating making a trip hazard. Went and got a pry bar, face-shield & hammer and straightened it out making the walkway safe. #2 - Had to stop a load coming down twice as a 3rd party man ran in to grab something, even after I had told him not to go near it. After load was landed I spoke to the man and explained the danger.</p> <p>Non-compliance trends: No hands on handrails continue to be a problem. Obstructing safety equipment. Unsecured tubulars on pipedeck. Whipchecks and safety "R" clips rig-up. Reports of personnel running around the decks.</p> <p>DODI Supervisor audits conducted: 2 DODI Interventions conducted: 5 Woodside Interventions conducted: 3 Daily Environmental Checklist findings: Cleaned winch machine rooms and excess grease off std aft anchor winch. Reported small gap in kick plate around the port aft anchor winch.</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	0.5	2.08			2	8.33	224.5	93.54	13.5	5.63			2	0.83	240