

03 Nov 2009 <u>DRILLING MORNING REPORT # 20</u> Somerset-1

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	20.00	TVD	2912.0m	Casing OD	13.375in
Rig Contractor	DOGC	Planned Days Completed	16.5	Progress	0.0m	Shoe TVD	1278.5m
Rig	OCEAN PATRIOT	Days +/- Curve	+ 3.5 (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	Waiting on we	ather to rec	eive barite.	-1	
RT-ML	524.5m	Planned Op	Offload barite additional bari			onduct a barite mixing	ı test trial. Await

Cost Data					D	aily 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	\$	15,447,183	\$	21,700,000
Completion	\$	0	\$	0	\$	0
Testing	\$	0	\$	0	\$	0
Intervention	\$	0	\$	0	\$	0
Well Total	\$	29,000,000	\$	18,629,469	\$	27,200,000

Summary of Period 0000 to 2400 Hrs

RIH to shoe after laying out HWDP. Waited on weather to receive barite from Lewek Emerald. Prepared equipment for upcoming plugback/cementing operations. Monitored well on trip tank.

Operations For Period 0000 Hrs to 2400 Hrs on 03 Nov 20

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CLS	PHSE	OP	From	То	Hrs	Depth	Activity Description
P (GWOR)	IH1	PUB	0000	0100	1.00	2912.0m	POOH with 127mm (5") HWDP and laid out same.
NPT (GWOR)	PA	RBH	0100	0130	0.50	2912.0m	RIH 127mm (5") DP from 1103m to 1247m.
NPT (GWOW)	PA	WOW	0130	0330	2.00	2912.0m	Waited on weather to receive barite delivery from Lewek Emerald.
NPT (DHWC)	PA	CIR	0330	0400	0.50	2912.0m	Pumped 12.7m3 (80bbl) 1.58sg (13.2ppg) LCM pill. Chased with 11.8m3 (75bbl), 1.58sg (13.2ppg) mud. POOH from 1247m to 1103m above LCM pill.
NPT (GWOW)	PA	RBH	0400	0500	1.00	2912.0m	POOH from 1247m to 1103m above LCM pill.
NPT (GWOW)	PA	WOW	0500	2400	19.00	2912.0m	Waited on weather to offload barite from Lewek Emerald (Weather conditions deteriorating). Monitored well on trip tank. Drill crew conducted PM's and general housekeeping. 07:00hrs Wind - 50knts; Combined Sea state - 5m. 19:00hrs Wind - 30knts; Combined sea state - 30m. 24:00hrs Wind - 20knts; Combined sea state - 5m.
							Intermittent slight gains observed. Pumped 4.8m3 (30bbls) 1.58sg (13.2ppg) mud down riser booster line to put well back on losses.
	Tota	al Durati	on		24		

Operations For Period 0000 Hrs to 0600 Hrs on 04 Nov 2009

CLS	PHSE	OP	From	То	Hrs	Depth	Activity Description
NPT (GWOW)		wow	0000	0200	2.00	2912.0m	Waited on weather to offload barite from Lewek Emerald. Monitored well on trip tank.
							01:45hrs Pumped 2.4m3 (15bbls) 1.58sg (13.2ppg) mud down riser booster line and took 1.9m3 (12bbls) returned back to trip tank (management of loss/gain situation in hand).
NPT (GWOW)	PA	WOW	0200	0600	4.00	2912.0m	Waited on weather to offload barite from Lewek Emerald. Monitored well on trip tank.
							03:30hrs Pumped 3.2m3 (20bbls) 1.58sg (13.2ppg) mud down riser booster line and took 2.5m3 (16bbls) returned back to trip tank (management of loss/gain situation in hand).
	Tota	al Durati	ion		6		

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Casing										
OD(in)	Csg Shoe I		shoe TVD (m)	LOT (ppg)	FIT (ppg)	Weight (lbs/ft)	Grade	e KPIS	Score	Top of Liner
30 "	56	9.44	569.44			310.0	X56			
13 3/8"	127	8.57	1278.51	14.20		72.0	N80 BT	-C		
WBM Data										
Mud Type:	Ultradril	API FL:	5.0cc/30	min CI:	38000mg/l	Solids(%vol):	23.0%	Viscosity		74sec/L
Sample-From:	Active	Filter-Cake:	er-Cake: 1/32nd" I		2%	H2O:	77.0%	PV	370	
Time:	16:00	HTHP-FL:	THP-FI ·		900mg/l	Oil(%):	0.0%	YP	2	0lb/100ft ²
				Hard/Ca:	_	` '		Gels 10s		8
Weight:	1.70sg	HTHP-cake:		MBT:	3	Sand:	0.5	Gels 10m		9
Temp:		Glycol:		PM:		pH:	7	Fann 003		8
				PF:	0.15	PHPA:		Fann 006		11
Comment		Miyad 205 bl	nl of 80 nnh	I CM in Dit-1 at 1 F	S8 sa Blandad 2	50 bbl of 1 58 sa mu	d in nit-2	Fann 100		40
Comment		Mixed 205 bbl of 80 ppb LCM in Pit-1 at 1.58 sg. Blended 250 bbl of 1.58 sg mud in pit-2 Mud engineer crew-change. Carried out Pilot Testing on Barite Plug recipes with regards						Fann 200		58
		to settling tim	nes and rhed	ology. NPT (fluid re	elated) - 0.	,	Ü	Fann 300		57
								Fann 600		94

Bulk Stock										
Name	Unit	In	Used	Balance	Name	Unit	In	Used	Balance	
'G' Cmt	MT	0	0	57.0	Drill Water	МЗ	34	4	343.0	
Fuel	М3	0	16.2	213.2	Barite	MT	0	0	6.0	
Pot Water	M3	8	22	379.0	Bentonite	MT	0	0	55.0	
CEMENT HT (SILICA)	MT	0	0	80.0						

Supply Ves			Dulles		Boats	Ctatus		Dulles	
Boats	Status		Bulks	Buiks		Status	Bulks		
Lewek Swift	On route to Portland.	Portland. Item		Quantity		On Standby. Unable	Item	Unit	Quantity
		Fuel	m3	611	Emerald	to ship barite due to weather conditions.	Fuel	m3	522.5
		Pot Water	m3	473		weather conditions.	Pot Water	m3	130
		Drill Water m3 51	511			Drill Water	m3	256	
		CEMENT G	mt 0	0			CEMENT G	mt	40
		CEMENT HT (SILICA)	mt	0			CEMENT HT (SILICA)	mt	0
		Barite	mt	0			Barite	mt	88
		Bentonite	mt	8			Bentonite	mt	0
		BRINE	bbls	0			BRINE	bbls	424

Helicopter	Movement			
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	15:06 / 15:18	14 / 14	

Personnel On Board			Total : 84
Company	Pax	Company	Pax
Diamond Offshore	54	MI Australia PTY LTD	2
ESS	8	Schlumberger MWD/LWD	3
Woodside	6	Subsea 7	3
ВНІ	2	Weatherford	1
Dowell Schlumberger	3	OTHER	1
Dril-Quip	1		

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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	0	0	0	0	0	0	0
Year To Date	0	0	0	0	0	1	0	0	1	0	1	0
Comments/												

Leading	Indicators
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	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	61	0	1
Well To Date	13	4	8	4	1	1	6	1789	1	4
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	3	0	0	0	0	0	2	203	0	1
Year To Date	13	4	8	4	1	1	6	1789	1	4

Number Observe Cards 61 - Safe/Unsafe: 42/19 (DODI - 29; ESS - 11; TPC - 14; WEL - 7). Comments/ Findings

Env Insp Check 1 - Repairs to prevent spills to ocean that were identified during initial inspection on tow have been

completed. However, rig drainage system needs re-build.

H&S INC/NM 1 - Flashback and hot soot eminating from engine #4 exhaust. Shut down engine and rectified.

Leading Indicators

	H&S INC/NM	Env NM										
24hr	1	0										
Well To Date	1	0										
Month To Date	1	0										
Year To Date	1	0										
Comments / Findings	H&S INC/NM	H&S INC/NM 1 - Flashback and hot soot eminating from engine #4 exhaust. Shut down engine and rectified.										

General Comments

00:00 to 24:00 Hrs on 03 Nov 2009

CAR: 87/143 items closed (13 critical)

Top Stop Cards: #1 Observed deck crews respond to engine #4 exhaust backfire during night. Personnel at scene lacked familiarisation with fire hose location and methods of running hose. Drills recommended. #2 Person placed hand on polished mandrel of jar. Communicated risk to person.

Operational Comments

Non-compliance trends: Requested focus on basic saftey requirements - trip hazards, equipment condition, PPE, job site housekeeping, awareness of operations above and around.

DODI Supervisor audits conducted: 0

DODI Interventions conducted: 5

Woodside Interventions conducted: 3

Daily Environmental Checklist findings: Cleaned excess hydraulic oil from anchor machine rooms and moonpool levers. Assisted with cleaning duties around the rig. Emptied oily water from buckets left beneath air con units into oily water bin. Pumped oily water from ROV bilge drums into one oily water bin.

Performance Summary

Daily							Cumulative Well									
)	NPT		SCC		NS	SC	Р		NPT		SCC		NSC		Total
Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hrs	%	Hours
1	4.17	23	95.83					294	61.25	184	38.33			2	0.42	480