

11 Jan 2006

From: Simon Rodda/ Geoff Webster  
To: J Ah-Cann

**DRILLING MORNING REPORT # 31**
**Culverin 1**

Well Data							
Country	Australia	MDBRT	3758.0m	Cur. Hole Size	12.250in	AFE Cost	\$22,699,889
Field	Gippsland Basin	TVDBRT	3753.8m	Last Casing OD	13.375in	AFE No.	3433-1001
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	1511.8m	Daily Cost	\$483,017
Rig	OCEAN PATRIOT	Days from spud	26.44	Shoe MDBRT	1511.8m	Cum Cost	\$20,087,180
Wtr Dpth (LAT)	585.0m	Days on well	29.77	FIT/LOT:	/ 15.80ppg	Days Since Last LTI	967
RT-ASL (LAT)	21.5m	Planned TD MD					
RT-ML	606.5m	Planned TD TVDRT					
Current Op @ 0600 Removing riser double from BOP's							
Planned Op Cut and retrieve PGB and wellhead. Prepare to pull anchors							

**Summary of Period 0000 to 2400 Hrs**

Unlatched BOP from wellhead and pulled marine riser and BOP's

FORMATION	
Name	Top
Base Funa Flounder Channel	2835.00m
Top 67.5 Ma Sand	2836.00m
Near 68.5 Ma Sand	3103.00m
Near 70.3 Ma Sand	3478.00m
TD	

**Operations For Period 0000 Hrs to 2400 Hrs on 11 Jan 2006**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
BOP	P	RR2	0000	0100	1.00	3758.0m	Continued to rig up riser handling equipment
BOP	P	RR2	0100	0200	1.00	3758.0m	Picked up and installed diverter running tool. Verified tool lock with 10 klbs overpull
BOP	P	RR2	0200	0300	1.00	3758.0m	Removed and laid out diverter
BOP	P	RR2	0300	0430	1.50	3758.0m	Picked up landing joint and made up to slip joint. Scoped in slip joint
BOP	P	RR2	0430	0500	0.50	3758.0m	Unlatched BOP's from wellhead
BOP	P	RR2	0500	0630	1.50	3758.0m	Removed storm saddles. Latch in SDL ring
BOP	P	RR2	0630	0930	3.00	3758.0m	Lowered slip joint. Removed choke and kill goosenecks and booster line. Picked up and laid out landing joint. Moved rig 24 meters off location
BOP	P	RR2	0930	2400	14.50	3758.0m	Pulled BOP's and laid out marine riser. Back loaded 26 joints to the Pacific Wrangler for shipment to Eden

**Operations For Period 0000 Hrs to 0600 Hrs on 12 Jan 2006**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
BOP	P	RR2	0000	0330	3.50	3758.0m	Continued to pull BOP's and lay out marine riser.
BOP	P	RR2	0330	0430	1.00	3758.0m	Pulled riser double and landed out BOP's on carrier
BOP	P	RR2	0430	0600	1.50	3758.0m	Removed guidelines from BOP's. Removed riser double from BOP's

**Operations For Period Hrs to Hrs on**

Phase Data to 2400hrs, 11 Jan 2006						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	23.5	05 Nov 2005	14 Dec 2005	23.50	0.979	0.0m
ANCHORING(A)	33	14 Dec 2005	15 Dec 2005	56.50	2.354	0.0m
SURFACE HOLE(SH)	30	15 Dec 2005	17 Dec 2005	86.50	3.604	650.0m
SURFACE CASING(SC)	16.5	16 Dec 2005	17 Dec 2005	103.00	4.292	650.0m
INTERMEDIATE CASING(IC)	1	17 Dec 2005	17 Dec 2005	104.00	4.333	650.0m
INTERMEDIATE HOLE(IH)	480	17 Dec 2005	08 Jan 2006	584.00	24.333	3758.0m
PLUG AND ABANDON(PA)	50	08 Jan 2006	10 Jan 2006	634.00	26.417	3758.0m

Phase Data to 2400hrs, 11 Jan 2006						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RISER AND BOP STACK(BOP)	80.5	21 Dec 2005	11 Jan 2006	714.50	29.771	3758.0m

WBM Data		Cost Today \$ 17078				
Mud Type:	Seawater	API FL:	Cl:	Solids(%vol):	Viscosity	
Sample-From:	Active Pit	Filter-Cake:	K+C*1000:	H2O:	PV	
Time:		HTHP-FL:	Hard/Ca:	Oil(%):	YP	
Weight:		HTHP-cake:	MBT:	Sand:	Gels 10s	
Temp:			PM:	pH:	Gels 10m	
			PF:	PHPA:	Fann 003	
					Fann 006	
					Fann 100	
					Fann 200	
					Fann 300	
					Fann 600	
Comment Final mud cost from report # 27 = \$ 294, 885.24						

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite Bulk	MT	0	27.1	0	-0.0	
Bentonite Bulk	MT	0	22.2	0	0.0	
Diesel	m3	0	11.9	0	179.0	
Fresh Water	m3	26	31.5	0	176.3	
Drill Water	m3	0	36.1	0	354.5	
Cement G	MT		21.4	0	-13.4	
Cement HT (Silica)	MT	0	0	0	0.0	

Pumps																	
Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
1	A1700	6.000	10.20	97				3600.0	30	380	3.00	40	475	4.00	50	580	5.00
2	12P160	6.000	10.20	97				3600.0	30	390	3.00	40	480	4.00	50	580	5.00
3	12P160	6.000	10.20	97	0	0	0.00	3275.0	30	320	3.00	40	360	4.00	50	450	5.00

Casing					
OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
	650.30	650.30	604.40	604.40	
	1511.77	1511.77	603.50	603.50	

Personnel On Board		
Company	Pax	Comment
DOGC	50	
ESS	8	
NEXUS	3	
FUGRO SURVEY LTD (ROV)	8	6 X ROV, 2 X Surveyors
DOWELL SCHLUMBERGER	2	
M-1 AUSTRALIA PTY LTD	3	One swaco hand for new shaker being assessed for Diamond
GEOSERVICES OVERSEAS S.A.	3	
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2	
CAMERON AUSTRALIA PTY LTD	1	
MO47 CREW	2	
SMITH BITS	1	
Total	83	

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	08 Jan 2006	3 Days	Held weekly abandon rig drill	
Environmental Issue	29 Dec 2005	13 Days	Environmental Audit	Environmental audit by Nexus shorebase personnel.

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Fire Drill	08 Jan 2006	3 Days	Held weekly fire drill	
JSA	11 Jan 2006	0 Days	Deck = 6, Mech = 3, Drill = 5, Welder = 2	
Man Overboard Drill	30 Dec 2005	12 Days	Held Man Over Board Drill	
Safety Meeting	08 Jan 2006	3 Days	Weekly safety meetings with all crew members.	
STOP Card	11 Jan 2006	0 Days	Safe = 2, Un-safe = 6	

Marine							
Weather on 11 Jan 2006							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
3.0nm	19kn	130.0deg	1010.0mbar	18C°	1.0m	130.0deg	4s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
272.0deg		4273.70klb	1.0m	190.0deg	8s		
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Far Grip	23:00 10 Jan 2006		On Location	Item	Unit	Used	Quantity
				Diesel	CuMtr		253
				Fresh Water	CuMtr		565
				Drill Water	CuMtr		480
				Cement G	mt		105
				Cement HT (Silica)	mt		
				Barite Bulk	mt		154
				Bentonite Bulk	mt		68
Pacific Wrangler	04:40 08 Jan, 2006		On Location	Item	Unit	Used	Quantity
				Diesel	CuMtr		332.3
				Fresh Water	CuMtr		186
				Drill Water	CuMtr		500
				Cement G	Mt		137
				Cement HT (Silica)	Mt		0
				Barite Bulk	Mt		8.3
				Bentonite Bulk	Mt		42

Currently backloading 26 jts riser and containers. Estimated time of departure for Eden; 00:30 12 Jan 2006

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	/	/	No flight today