

**DRILLING MORNING REPORT # 33**  
**Culverin 1**

13 Jan 2006

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

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	\$0
Rig	OCEAN PATRIOT	Days from spud	28.44	Shoe MDBRT	1511.8m	Cum Cost	\$20,547,364
Wtr Dpth (LAT)	585.0m	Days on well	31.77	FIT/LOT:	/ 15.80ppg	Days Since Last LTI	969
RT-ASL (LAT)	21.5m	Planned TD MD					
RT-ML	606.5m	Planned TD TVDRT					
Current Op @ 0600		De-ballasting rig. Working on Elmago brake					
Planned Op		De-ballast rig and commence recovering anchors					

Summary of Period 0000 to 2400 Hrs
POOH and recovered guidebase. Racked BOP's on carrier. RIH and laid out BHA and 5" drillpipe from Derrick

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 13 Jan 2006**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PA	P	TO	0000	0100	1.00	3758.0m	Continued POOH with guide base and 30" housing
PA	P	TO	0100	0130	0.50	3758.0m	Landed out and secured guide base on trolley. backed out cap screws on guidebase to 30" housing.
PA	P	TO	0130	0300	1.50	3758.0m	Conducted 100m radius seabed survey with ROV after pulling PGB. Furgro documentation and DVD to follow
PA	P	TO	0300	0430	1.50	3758.0m	Picked up 30" housing and 30" casing cut off to rig floor. Unlatched spear and laid out 30" housing. Broke down and laid out 30" spear and casing cutting BHA
PA	P	TO	0430	0430	0.00	3758.0m	Removed guidelines from guidebase. Moved guidebase on trolley to starboard side of moonpool
PA	P	PLD	0430	1000	5.50	3758.0m	RIH with 8" DC's and 5" HWDP from derrick. Laid out same
PA	P	PLD	1000	1400	4.00	3758.0m	RIH with 20 stands 5" DP and laid down same
PA	P	PLD	1400	1730	3.50	3758.0m	RIH with 20 stands 5" DP and laid out same
PA	P	PLD	1730	2200	4.50	3758.0m	RIH with 20 stands 5" DP and laid out same. Used rig tongs to break out over torqued pipe
PA	P	PLD	2200	2400	2.00	3758.0m	RIH with 20 stands 5" DP and laid out 10 singles

**Operations For Period 0000 Hrs to 0600 Hrs on 14 Jan 2006**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PA	TP (OTH)	WO	0000	0030	0.50	3758.0m	Waited on Medivac helicopter to depart to re-commence crane operations for laying out drillpipe
PA	P	PLD	0030	0330	3.00	3758.0m	Continued to lay down 5" DP
PA	P	PLD	0330	0600	2.50	3758.0m	De-ballast rig.
							Work on Elmago brake

Phase Data to 2400hrs, 13 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	

Phase Data to 2400hrs, 13 Jan 2006						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
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
RISER AND BOP STACK(BOP)	93.5	21 Dec 2005	12 Jan 2006	677.50	28.229	3758.0m
PLUG AND ABANDON(PA)	85	08 Jan 2006	13 Jan 2006	762.50	31.771	3758.0m

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite Bulk	MT	0	0	0	-0.0	
Bentonite Bulk	MT	0	0	0	0.0	
Diesel	m3	0	15.2	0	206.1	
Fresh Water	m3	25	30.2	-0.3	166.6	
Drill Water	m3	0	36.1	0	306.4	
Cement G	MT		0	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	54	
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	
CAMERON AUSTRALIA PTY LTD	1	
MO47 CREW	3	
SMITH BITS	1	
Total	86	

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	08 Jan 2006	5 Days	Held weekly abandon rig drill	
Environmental Issue	29 Dec 2005	15 Days	Environmental Audit	Environmental audit by Nexus shorebase personnel.
Fire Drill	08 Jan 2006	5 Days	Held weekly fire drill	
JSA	13 Jan 2006	0 Days	Deck = 7, Subsea = 2, Drill = 6, Welder = 2, mech = 2	
Man Overboard Drill	30 Dec 2005	14 Days	Held Man Over Board Drill	
Safety Meeting	08 Jan 2006	5 Days	Weekly safety meetings with all crew members.	

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
STOP Card	12 Jan 2006	1 Day	Safe = 2, Un-safe = 2	

Marine									
Weather on 13 Jan 2006							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.0nm	2kn	0.0deg	1022.0mbar	22C°	1.0m	0.0deg	-1s	1	216.0
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	243.0
272.0deg		4077.00klb	1.5m	225.0deg	8s			3	187.0
Comments								4	234.0
								5	271.0
								6	205.0
								7	271.0
								8	271.0

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		180
Fresh Water	CuMtr		555				
Drill Water	CuMtr		480				
Cement G	mt		105				
Cement HT (Silica)	mt						
Barite Bulk	mt		154				
Bentonite Bulk	mt		68				
Pacific Wrangler	04:10 13 Jan 2006		On Location	Item	Unit	Used	Quantity
Diesel	CuMtr		299.7				
Fresh Water	CuMtr		176				
Drill Water	CuMtr		500				
Cement G	Mt		137				
Cement HT (Silica)	Mt		0				
Barite Bulk	Mt		8.3				
Bentonite Bulk	Mt		42				

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	15:45 / 16:55	7 / 5	