

13 Jan 2006

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

DRILLING MORNING REPORT # 33
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	\$461,375
Rig	OCEAN PATRIOT	Days from spud	28.44	Shoe MDBRT	1511.8m	Cum Cost	\$21,008,739
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	PLD	0430	1000	5.50	3758.0m	Removed guidelines from guidebase. Moved guidebase on trolley to starboard side of moonpool
PA	P	PLD	1000	1400	4.00	3758.0m	RIH with 8" DC's and 5" HWDP from derrick. Laid out same
PA	P	PLD	1400	1730	3.50	3758.0m	RIH with 20 stands 5" DP and laid down 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	6 X ROV, 2 X Surveyors One swaco hand for new shaker being assessed for Diamond
ESS	8	
NEXUS	3	
FUGRO SURVEY LTD (ROV)	8	
DOWELL SCHLUMBERGER	2	
M-1 AUSTRALIA PTY LTD	3	
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 audit by Nexus shorebase personnel.
Environmental Issue	29 Dec 2005	15 Days	Environmental Audit	
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	