

10 Jan 2006

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

DRILLING MORNING REPORT # 30
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	\$474,060
Rig	OCEAN PATRIOT	Days from spud	25.44	Shoe MDBRT	1511.8m	Cum Cost	\$19,604,163
Wtr Dpth (LAT)	585.0m	Days on well	28.77	FIT/LOT:	/ 15.80ppg	Days Since Last LTI	966
RT-ASL (LAT)	21.5m	Planned TD MD					
RT-ML	606.5m	Planned TD TVDRT					
Current Op @ 0600		Pulling riser and BOP's					
Planned Op		Recover riser and BOP's					

Summary of Period 0000 to 2400 Hrs

Laid out drillpipe, tagged abandonment plug #3, set abandonment plug #4, displaced riser and C & K lines to seawater, retrieved wearbushing, jetted wellhead and BOP's, rigged up to recover 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 10 Jan 2006

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PA	P	PLD	0000	0300	3.00	3758.0m	Pumped slug. POOH and laid down 60 jts of 5" drillpipe from 1262m MDRT to 688m MDRT
PA	P	TI	0300	0400	1.00	3758.0m	RIH from 688m MDRT to 1204m MDRT to tag cement plug #3. Cement samples not firm.
PA	P	PLD	0400	0530	1.50	3758.0m	Laid down drill pipe from 1204m MDRT to 917m MDRT.
PA	P	TI	0530	0730	2.00	3758.0m	RIH from 917m MDRT and tag TOC plug #3 at 1421m MDRT with 5 klbs
PA	P	TO	0730	0830	1.00	3758.0m	POOH from 1421m MDRT to 825m MDRT
PA	P	CMD	0830	0900	0.50	3758.0m	Circulated and spotted 60 bbls high visc pill at 825m MDRT
PA	P	TO	0900	0930	0.50	3758.0m	POOH from 825m MDRT to 721m MDRT. Rigged up cementing hose
PA	P	CMP	0930	1030	1.00	3758.0m	Held pre job safety meeting. Pressure tested cementing line to 1000 psi. Mixed and pumped abandonment plug # 4; 49.7 bbl 15.8 ppg, G cement + additives (see report). Displaced with 30 bbls drilling fluid at 10.1 ppg
PA	P	TO	1030	1100	0.50	3758.0m	Plug #4 set from 721m MDRT to 625m MDRT.
PA	P	CHC	1100	1400	3.00	3758.0m	POOH from cement plug #4 from 721m MDRT to 625m MDRT
PA	P	TO	1400	1630	2.50	3758.0m	Closed annular preventer, reverse circulated 2 X DP volumes (80 bbls). Displaced choke and kill lines to seawater. Displaced riser and booster line to seawater
PA	P	CHC	1630	1800	1.50	3758.0m	Held JSA. POOH from 625m MDRT and laid out mule shoe. Cleaned cement from last 8 stands of drillpipe
PA	P	WH	1800	2030	2.50	3758.0m	Held JSA. Made up jet sub and wear bushing retrieval tool. RIH and jetted stack and wellhead areas.
PA	P	CMP	2030	2130	1.00	3758.0m	Engaged wear bushing with retrieval tool and POOH. 35 klbs overpull to recover noted. Laid out retrieval tool and jetting sub
PA	P	CMP	2030	2130	1.00	3758.0m	Held JSA. Rigged up Dowell and high pressure test pump. Pressure tested choke and kill lines as per DOGD requirements to 250 psi low and 14,000 psi high for 10 minutes each
BOP	P	RR2	2130	2230	1.00	3758.0m	Rigged down 350t elevators and picked up 500t elevators
BOP	P	RR2	2230	2400	1.50	3758.0m	Held JSA. Rig up floor to recover riser and BOP

Operations For Period 0000 Hrs to 0600 Hrs on 11 Jan 2006

Phse	Clc (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	0600	1.00	3758.0m	Removed storm saddles. Latch in SDL ring

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 10 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
RISER AND BOP STACK(BOP)	56.5	21 Dec 2005	10 Jan 2006	640.50	26.688	3758.0m
PLUG AND ABANDON(PA)	50	08 Jan 2006	10 Jan 2006	690.50	28.771	3758.0m

WBM Data		Cost Today \$ 0					
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		
Comment	Final mud cost from report # 26 = \$ 277 778					Fann 300	
						Fann 600	

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0	0	27.1
Bentonite Bulk	MT	0	0	0	22.2
Diesel	m3	0	17.4	-0.1	190.9
Fresh Water	m3	25	24.3	0	181.8
Drill Water	m3	150	65.8	0	390.6
Cement G	MT		10	0	8.0
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	

Personnel On Board		
ESS	8	6 X ROV, 2 X Surveyors
NEXUS	3	
FUGRO SURVEY LTD (ROV)	8	
DOWELL SCHLUMBERGER	2	
M-1 AUSTRALIA PTY LTD	2	
GEOSERVICES OVERSEAS S.A.	3	
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	2	
CAMERON AUSTRALIA PTY LTD	1	
MO47 CREW	2	
SMITH BITS	1	
Trident Offshore Ltd	2	
Total	84	

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	08 Jan 2006	2 Days	Held weekly abandon rig drill	Environmental audit by Nexus shorebase personnel.
Environmental Issue	29 Dec 2005	12 Days	Environmental Audit	
Fire Drill	08 Jan 2006	2 Days	Held weekly fire drill	
JSA	10 Jan 2006	0 Days	Deck = 7, Mech = 3, Drill = 8, Welder = 1	
Man Overboard Drill	30 Dec 2005	11 Days	Held Man Over Board Drill	
Safety Meeting	08 Jan 2006	2 Days	Weekly safety meetings with all crew members.	
STOP Card	10 Jan 2006	0 Days	Safe = 2, Un-safe = 3	

Shakers, Volumes and Losses Data				
Available	Obbl	Losses	2,743bbl	
		Down-hole	1,515bbl	Equip. Descr. Mesh Size
		Dumped	1,228bbl	Shaker1 VSM 100 230, 2 X 165, 120
				Shaker2 VSM 100 2 X 230, 2 X 200
				Shaker3 VSM 100 4 X 120
				Shaker4 BEM650 2 X 200, 2 X 165

Marine									
Weather on 10 Jan 2006							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.0nm	36kn	180.0deg	1010.0mbar	23C°	1.5m	180.0deg	4s	1	298.0
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	287.0
272.0deg	528.00klb	4273.70klb	1.0m	70.0deg	8s			3	218.0
Comments								4	247.0
								5	267.0
							6	196.0	
							7	293.0	
							8	249.0	

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	10:56 / 11:06	15 / 14	