

05 Jan 2006

From: Ron King/ Geoff Webster
To: J Ah-Cann

Well Data							
Country	Australia	MDBRT	3697.0m	Cur. Hole Size	12.250in	AFE Cost	\$ 22699889
Field	Gippsland Basin	TVDBRT	3693.0m	Last Casing OD	13.375in	AFE No.	3433-1001
Drill Co.	DOGC	Progress	78.0m	Shoe TVDBRT	1511.8m	Daily Cost	\$ 0
Rig	OCEAN PATRIOT	Days from spud	20.44	Shoe MDBRT	1511.8m	Cum Cost	\$ 16472003
Wtr Dpth (LAT)	585.0m	Days on well	23.77	FIT/LOT:	/ 15.80ppg	Days Since Last LTI	961
RT-ASL (LAT)	21.5m	Planned TD MD					
RT-ML	606.5m	Planned TD TVDRT					
Current Op @ 0600		Drilling ahead 311 mm (12 1/4") hole at 3718.0 mMDRT.					
Planned Op		Drill ahead 311 mm (12 1/4") hole.					

Summary of Period 0000 to 2400 Hrs
Drilled ahead from 3619.0 mMDRT to 3697.0 mMDRT at midnight.

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 05 Jan 2006							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0000	2400	24.00	3697.0m	Drilled ahead 311mm (12 1/4") hole from 3619m MDRT to 3697m MDRT. WOB = 30 - 41 klbs, RPM = 80- 120, SPM = 187 = 800 GPM, 4050 psi, Tq = 5500 - 7500 ftlb. Average ROP = 3.55m/hr Max Gas today = 103 units @ 3695m MDRT

Operations For Period 0000 Hrs to 0600 Hrs on 06 Jan 2006							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0000	0400	4.00	3697.0m	Drilled ahead 311mm (12 1/4") hole from 3697m MDRT to 3714m MDRT. WOB = 30 - 35 klbs, RPM = 80- 120, SPM = 187 = 800 GPM, 4050 psi, Tq = 5500 - 7500 ftlb. Average ROP = 4.3 m/hr LWD tools stopped pulsing
IH	U	RR	0400	0430	0.50	3714.0m	Backed out IBOP on connection. Re aligned top drive and screwed back into IBOP. Torqued same to 78000 ftlbs. Confirmed alignment of breakout/Make up system
IH	P	DA	0430	0600	1.50	3718.0m	Troubleshooted LWD tools. No sucess. Drilled Ahead 311mm (12 1/4") hole from 3714m MDRT to 3718m MDRT

Operations For Period Hrs to Hrs on							
Phase Data to 2400hrs, 05 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	
RISER AND BOP STACK(BOP)	54	21 Dec 2005	23 Dec 2005	158.00	6.583	1525.0m	
INTERMEDIATE HOLE(IH)	412.5	17 Dec 2005	05 Jan 2006	570.50	23.771	3697.0m	

WBM Data		Cost Today \$ 0						
Mud Type:KCL-NaCl-Polymer	API FL: 3.6cc/30min	Cl: 79000mg/l	Solids(%vol): 10%	Viscosity PV 61sec/qt				
Sample-From: Active Pit	Filter-Cake: 1/32nd"	K+C*1000: 7%	H2O: 90%	YP 16cp				
Time: 22:30	HTHP-FL: 11.0cc/30min	Hard/Ca: 200mg/l	Oil(%): 0%	Gels 10s 30lb/100ft²				
Weight: 10.20ppg	HTHP-cake: 1/32nd"	MBT: 7.5	Sand: .8	Gels 10m 8				
Temp: 49C°		PM: 0.3	pH: 9	Fann 003 12				
		PF: 0.06	PHPA: 1ppb	Fann 100 6				
				Fann 006 9				
				Fann 200 28				
				Fann 300 39				
				Fann 600 46				
Comment	NaCl 8%. Ditch Magent recovery = 186 grams							

Bit # 5RR		Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:										
Size ("):	12.250in	IADC#	5-3-7	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run		
Mfr:	SMITH BITS	WOB(avg)	34.00klb	No.	Size	Progress	78.0m	Cum. Progress	126.0m	
Type:	Rock	RPM(avg)	101	3	20/32nd"	On Bottom Hrs	22.0h	Cum. On Btm Hrs	34.6h	
Serial No.:	MX1628	F.Rate	19.00bpm			IADC Drill Hrs	24.0h	Cum IADC Drill Hrs	38.0h	
Bit Model	GF30BOVCPS	SPP	4014psi			Total Revs	139	Cum Total Revs	139	
Depth In	3571.0m	HSI				ROP(avg)	3.55 m/hr	ROP(avg)	3.64 m/hr	
Depth Out		TFA	0.9204							
Bit Comment										

BHA # 6							
Weight(Wet)	65.00klb	Length	276.3m	Torque(max)	7700ft-lbs	D.C. (1) Ann Velocity	256fpm
Wt Below Jar(Wet)	45.00klb	String	385.00klb	Torque(Off.Btm)	2500ft-lbs	D.C. (2) Ann Velocity	384fpm
		Pick-Up	375.00klb	Torque(On.Btm)	6400ft-lbs	H.W.D.P. Ann Velocity	176fpm
		Slack-Off	385.00klb			D.P. Ann Velocity	176fpm

BHA Run Description Annular velocity based on 900gpm

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.33m	12.250in		MX1628	Smith GF30BOVCPS
Bit Sub	1.10m	8.500in		1860001	
8in DC	9.04m	7.875in	2.875in	1860001	
Stab	1.81m	12.125in	2.875in	694776	Non-mag integral blade string stab
MWD	24.41m	8.000in	1.920in		DIR/HCIM-EWR-DGR-CTN-SLD-ACAL-HOC.
8in DC	9.06m	8.000in	2.875in	18600011	
Stab	2.10m	12.125in	2.875in	47607	Integral blade string stabilizer
8in DC	70.57m	8.000in	2.875in		
Drilling Jars	9.66m	8.188in	3.063in	MHA00206	
8in DC	8.81m	8.000in	2.875in	18600031	
X/O	1.16m	8.500in	2.875in	MSO1930-2	
5in HWDP	138.22m	5.000in	2.875in		

Survey									
MD	Incl	Azim	TVD	Vsec	N/S	E/W	DLS	Tool Type	
(m)	(deg)	(deg)	(m)	(deg)	(m)	(m)	(deg/30m)		
3641.38	3.0	50.2	3637.40	107.2	85.8	64.2	0.0	MWD	

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0	0	113.8
Bentonite Bulk	MT	0	0	0	38.1
Diesel	m3	0	26.8	-0.1	293.0

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Fresh Water	m3	35	34.6	0	170.7	
Drill Water	m3	0	55.3	0	474.9	
Cement G	MT		0	0	79.9	
Cement HT (Silica)	MT		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	94	4000	9.58	3600.0	30	380	3.00	40	475	4.00	50	580	5.00
2	12P160	6.000	10.20	97	94	4000	9.58	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	48	extra Crane operator, dogman, welder
ESS	9	
NEXUS	5	
FUGRO SURVEY LTD (ROV)	3	
DOWELL SCHLUMBERGER	2	
M-1 AUSTRALIA PTY LTD	3	One swaco hand for new shaker being assessed for Diamond
GEOSERVICES OVERSEAS S.A.	6	
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	4	One trainee
Total	80	

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	01 Jan 2006	4 Days	Held weekly abandon rig drill	Environmental audit by Nexus shorebase personnel.
Environmental Issue	29 Dec 2005	7 Days	Environmental Audit	
Fire Drill	01 Jan 2006	4 Days	Held weekly fire drill	
JSA	05 Jan 2006	0 Days	Deck = 6, Mech = 2, Drill = 2	
Man Overboard Drill	30 Dec 2005	6 Days	Held Man Over Board Drill	
Safety Meeting	01 Jan 2006	4 Days	Weekly safety meetings with all crew members.	
STOP Card	05 Jan 2006	0 Days	Safe = 4, Un-safe = 4	

Shakers, Volumes and Losses Data						
Available	2,945bbl	Losses	90bbl	Equip.	Descr.	Mesh Size
Active	434.5bbl	Equipment	90bbl	Shaker1	VSM 100	2 X 230, 2 X 165
Hole	2,140.5bbl	Desilter	50bbl	Shaker2	VSM 100	3 X 230, 165
Reserve	370bbl			Shaker3	VSM 100	4 X 120
				Shaker4	BEM650	2 X 200, 2 X 165

Marine

Weather on 05 Jan 2006								Rig Support	
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.0nm	35kn	70.0deg	1020.0mbar	21C°	2.0m	70.0deg	5s	1	236.0
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments			
272.0deg	552.00klb	4411.40klb	2.5m	70.0deg	8s	Comments			
Comments									
								2	276.0
								3	196.0
								4	366.0
								5	260.0
								6	203.0
								7	267.0
								8	260.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Item	Unit	Used	Quantity				
Far Grip	24:00 3 Jan 2006		On Location				
	Diesel	CuMtr		320			
	Fresh Water	CuMtr		595			
	Drill Water	CuMtr		480			
	Cement G	Mt		48			
	Cement HT (Silica)	Mt		54			
	Barite Bulk	Mt		89			
		Mt		42			
Pacific Wrangler	22:15 4 Jan 2006	Enroute Melbourne, ETA 02:00 6 Jan 2006					
	Diesel	CuMtr		223.9			
	Fresh Water	CuMtr		155			
	Drill Water	CuMtr		0			
	Cement G	Mt		132			
	Cement HT (Silica)	Mt		0			
	Barite Bulk	Mt		0			
	Bentonite Bulk	Mt		42			

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	09:55 / 10:25	11 / 7	