

**DRILLING MORNING REPORT # 21****Manta 2a**

12 Feb 2006

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

Well Data								
Country	Australia	MDBRT	3,113.0m	Cur. Hole Size		AFE Cost	\$21,712,149	
Field	Basker and Manta	TVDBRT	2,895.5m	Last Casing OD	7.000in	AFE No.		
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,892.8m	Daily Cost	\$0	
Rig	OCEAN PATRIOT	Days from spud	20.19	Shoe MDBRT	3,110.0m	Cum Cost	\$10,627,102	
Wtr Dpth(LAT)	133.3m	Days on well	20.08	FIT/LOT:	13.50ppg/	Days Since Last LTI	1001	
RT-ASL(LAT)	21.5m	Planned TD MD	3,120.0m					
RT-ML	154.8m	Planned TD TVDRT	2,892.0m					
Current Op @ 0600		laying out Baker cementing head						
Planned Op		RIH with weight set test tool and pressure test BOP's. RIH with 7" X 9 5/8" scraper run assembly						

**Summary of Period 0000 to 2400 Hrs**

RIH with 177.8mm (7") liner. Circulate and set hanger. Cement liner. Set ZXP packer and pressure test to 4500 psi.

**Operations For Period 0000 Hrs to 2400 Hrs on 12 Feb 2006**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PC	P	CRN	0000	0730	7.50	3,113.0m	Continue to run in hole 7" liner on 5" HWDP and 5" DP at 2.5 minutes/stand from 634m MDRT to 244.5mm (9 5/8") casing shoe at 2706m MDRT. Fill drill string each 5 stands
PC	P	CRN	0730	0830	1.00	3,113.0m	Circulate 110% string volume (205 bbls). record pick up and slack off weights. Attempt to rotate string with 6000 ftlbs torque with no success.
PC	P	CRN	0830	1000	1.50	3,113.0m	Continue running liner on 5" drill pipe from 2706m MDRT to 3110m MDRT Top of liner at 2605.39m MDRT
PC	P	CIC	1000	1530	5.50	3,113.0m	Circulate bottoms up (732 bbl) from 3110m MDRT at 21 SPM. Max gas = 8%. Attempt to rotate liner with a maximum of 12,000 ftlbs torque with no success.
PC	P	CRN	1530	1700	1.50	3,113.0m	Drop Baker 1 3/4" ball and chase with 25 SPM @ 800 psi. Seat ball and increase pressure to 1900 psi. Hold pressure for 3 minutes. Slack off 60 klbs and increase pressure to 2700 psi to release running tool with no success. Increase pressure to 3000 psi and release running tool. Shear ball with 3500 psi. Initiate circulation and stage up from 16 SPM to 50 SPM at 2300 psi to 3200 psi. Set liner hanger at 2605.4m MDRT. Liner shoe at 3110m MDRT
PC	P	CIC	1700	1730	0.50	3,113.0m	Circulate liner at 3110m MDRT at 40 SPM, 1600 psi
PC	P	CIC	1730	1930	2.00	3,113.0m	Hold pre job safety meeting. Make up cementing hose and continue to circulate out gas (7%) at 50 SPM, pressure=3200 psi decreasing to 2000 psi final circulating pressure. Total strokes=6581
PC	P	CMC	1930	2130	2.00	3,113.0m	Break circulation with Dowell and pressure test lines to 5000 psi. Pump 40 bbls chem wash. Mix and pump 47.8bbls 15.8ppg G cement slurry (35% BWOC Silica) with 27 bbl mix water (6.466 gal/sx mix water = 3.774 gal/sx drill water + 0.05 gal/sx D175 + 2.60 gal/sx D600G + 0.042 gal/sx D80). Flush cementing lines, release dart from cement head and displace cement with 10 bbls drill water and 188 bbls drilling fluid. Final displacement pressure @ 3 BPM = 2700 psi, bumped and pressure tested plug to 4757 psi for 5 minutes. Floats holding. Bled back 3.5 bbls.
PC	P	CRN	2130	2200	0.50	3,113.0m	Pick up running tool and position dogs to top of PBR. Set ZXP packer with 60klbs down weight for 5 minutes.
PC	P	CIC	2200	2230	0.50	3,113.0m	Apply 500 psi to drillstring with Dowell and pick up 15m to place tail pipe of running tool 2m above PBR. Pressure drop noted as tail pipe exited PBR. Line up and reverse circulate DP from 2603m at 75 SPM with 800 psi. Good cement returns noted followed by 45 bbls chem wash and drillwater
PC	P	PT	2230	2330	1.00	3,113.0m	Break circulation down drillstring with Dowell. Close middle pipe rams and pressure test ZXP packer to 4500 psi for 15 minutes. Bleed off pressure and open BOP.
PC	P	RUC	2330	2400	0.50	3,113.0m	Rig down cementing hose and rack back cementing stand in derrick

**Operations For Period 0000 Hrs to 0600 Hrs on 13 Feb 2006**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PC	P	HT	0000	0500	5.00	3,113.0m	POOH with liner hanger running tool from 2605m MDRT
PC	P	HT	0500	0600	1.00	3,113.0m	Service break and lay out liner hanger running tool. Pick up cementing stand from derrick, break out and lay down cementing head



Phase Data to 2400hrs, 12 Feb 2006						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
CONDUCTOR HOLE(CH)	5	23 Jan 2006	23 Jan 2006	5.00	0.208	189.0m
CONDUCTOR CASING(CC)	10.5	23 Jan 2006	24 Jan 2006	15.50	0.646	189.0m
SURFACE CASING(SC)	23.5	24 Jan 2006	26 Jan 2006	39.00	1.625	994.0m
RISER AND BOP STACK(BOP)	18	27 Jan 2006	27 Jan 2006	57.00	2.375	994.0m
SURFACE HOLE(SH)	40.5	24 Jan 2006	28 Jan 2006	97.50	4.062	994.0m
INTERMEDIATE HOLE(IH)	196	27 Jan 2006	05 Feb 2006	293.50	12.229	2,715.0m
INTERMEDIATE CASING(IC)	47.5	04 Feb 2006	07 Feb 2006	341.00	14.208	2,715.0m
PRODUCTION HOLE(PH)	49.5	07 Feb 2006	09 Feb 2006	390.50	16.271	3,113.0m
EVALUATION PHASE (1)(E1)	59	09 Feb 2006	11 Feb 2006	449.50	18.729	3,113.0m
PRODUCTION CASING/LINER(PC)	32.5	11 Feb 2006	12 Feb 2006	482.00	20.083	3,113.0m

WBM Data		Cost Today \$ 0	
Mud Type: KCL/PHPA	API FL: 5.0cc/30min	Cl: 35000mg/l	Solids(%vol): 6%
Sample-From: Pits	Filter-Cake: 1/32nd"	K+C*1000: 6%	H2O: 96%
Time: 20:00	HTHP-FL: 16.0cc/30min	Hard/Ca: 200mg/l	Oil(%):
Weight: 9.30ppg	HTHP-cake: 1/32nd"	MBT: 5	Sand: .5
Temp: 49C°		PM: 0.1	pH: 8.5
		PF: 0.02	PHPA:
Comment	Cumulative cost to date = \$ 278,559.56		
			Viscosity 87sec/qt
			PV 18cp
			YP 31lb/100ft²
			Gels 10s 8
			Gels 10m 12
			Fann 003 7
			Fann 006 9
			Fann 100 29
			Fann 200 39
			Fann 300 49
			Fann 600 67

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite Bulk	MT				152.1	
Bentonite Bulk	MT		0		34.6	
Diesel	m3	0	5.4	0	433.0	
Fresh Water	m3	28	19.1	0	177.7	
Drill Water	m3	0	24.1	0	511.0	
Cement G	MT	0	0		63.1	
Cement HT (Silica)	MT		11.7		15.3	

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	A1700PT	6.000	9.20	97	76	3150	7.73		30	420	3.00	40	500	4.00	50	600	5.00
2	12P 160	6.000	9.20	97	76	3150	7.73		30	420	3.00	40	500	4.00	50	600	5.00
3	12P160	6.000	9.70	97													

Casing						
OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)	
30 "	187.22	187.22		152.83		
13 3/8"	984.53	948.47	151.96	151.96	14.50	
9 5/8"	2706.45	2527.18	153.15	153.15	13.50	
7 "	3110.00	2892.77	3110.00	2892.77		

Personnel On Board		
Company	Pax	Comment
ANZON AUSTRALIA LIMITED	7	2 X Drilling Supervisor, 2 X Geologists, 1 X Logistics, 1 X Completion Supervisor, 1 X Drilling Engineer
DOGC	49	
DOWELL SCHLUMBERGER	2	
GEOSERVICES OVERSEAS S.A.	3	
M-1 AUSTRALIA PTY LTD	2	
FUGRO SURVEY LTD	3	



Personnel On Board		
WEATHERFORD AUSTRALIA PTY LTD	3	2 x Engineers, 4 x workers. 1 X MDT
ESS	8	
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	7	
BAKER OIL TOOLS (AUSTRALIA) PTY LTD	1	
TRANS PACIFIC	4	
SCOTTECH OILFIELD SERVICES	1	
Total	90	

HSE Summary					
Events	Date of last	Days Since	Descr.	Remarks	
Last BOP Test	27 Jan 2006				
Abandon Drill	12 Feb 2006	0 Days			
Fire Drill	12 Feb 2006	0 Days			
JSA	12 Feb 2006	0 Days	Drill crew=2, Deck=15, Mech=2, Scotech=1		
Man Overboard Drill	29 Jan 2006	14 Days			
Safety Meeting	12 Feb 2006	0 Days		Hold safety meetings at 1300/1900/0100hrs	
STOP Card	12 Feb 2006	0 Days	Safe= 6 Un-safe=3		

Shakers, Volumes and Losses Data						
Available	1,467bbl	Losses	113bbl	Equip.	Descr.	Mesh Size
Active	340bbl	Dumped	113bbl	Shaker1	VSM 100	4 x 200
Hole	827bbl			Shaker2	VSM 100	165/180/2x 230
Reserve	300bbl			Shaker3	VSM 100	2 x 200, 2 x 120
				Shaker4	BEM650	4 x 165

Marine									
Weather on 12 Feb 2006							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.0nm	22kn	225.0deg	1,009.0mbar	20C°	0.5m	225.0deg	2s	1	154.0
								2	139.0
								3	181.0
								4	154.0
								5	269.0
								6	227.0
								7	247.0
								8	273.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Far Grip		05:40 11 Feb 2006	Melbourne	Diesel	m3		404
				Fresh Water	m3		275
				Drill Water	m3		393
				Cement G	mt		0
				Bentonite Bulk	mt		0
				Cement HT (Silica)	mt		0
				Brine	m3		28.5
Pacific Wrangler	16:00 10 Feb 2006		On Location	Diesel	m3		620
				Fresh Water	m3		185
				Drill Water	m3		370
				Cement G	mt		0
				Cement HT (Silica)	mt		0
				Barite Bulk	mt		0
				Bentonite Bulk	mt		43
				Brine	m3		224.2

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