

Last BOP Test: 13 Feb 2006

DRILLING MORNING REPORT # 25

Manta 2a

16 Feb 2006 From: Simon Rodda/ 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	TVDBRT	2,895.5m	Last Casing OD	7.000in	AFE No.	
	Manta	Progress	0.0m	Shoe TVDBRT	2,527.2m	Daily Cost	\$0
Drill Co.	DOGC	Days from spud	24.19	Shoe MDBRT	2,706.4m	Cum Cost	\$12,844,350
Rig	OCEAN PATRIOT	Days on well	24.08	FIT/LOT:	13.50ppg /	Days Since Last LTI	1009
Wtr Dpth(LAT	T) 133.3m	Planned TD MD	3,120.0m				
RT-ASL(LAT)) 21.5m	Planned TD TVDRT	2,892.0m				
RT-ML	154.8m		·				
Current Op @	0600	POOH with LIT on con	npletion riser				
Planned Op		RIH with completion st	ring				

Summary of Period 0000 to 2400 Hrs

Complete perforation program. RIH, retrieve wear bushing and jet wellhead area. Make up LIT, RIH and set LIT in wellhead on 5 1/2" completion riser and 5" DP. POOH with LIT

Operations For Period 0000 Hrs to 2400 Hrs on 16 Feb 2006

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
С	Р	PER	0000	0130	1.50	3,113.0m	Continue to POOH with perforating run #1. Guns at surface
С	Р	PER	0130	0330	2.00	3,113.0m	Lay down run #1 perforating guns, all shots fired. Pick up Run #2 perforating guns with Omega 4505 charges, 5 spf, 72 degree phasing
С	P	PER	0330	0700	3.50	3,113.0m	RIH with perforating run # 2. Correlate on depth with CBL/GR log 15 Feb 2006. perforate; Zone 7 = 2954.0m - 2960.0m Good indication of guns firing, no losses to wellbore Re-correlate, log on depth and prepare to perforate; Zone 4 = 2843.5m - 2848.0m Good indication of guns firing, no losses to wellbore POOH to 2600m, confirm wellbore is static and POOH Guns at surface
С	Р	PER	0700	0900	2.00	3,113.0m	Lay down run #2 perforating guns, all shots fired. Pick up Run #3 perforating guns with Omega 4505 charges, 5 spf, 72 degree phasing
С	P	PER	0900	1200	3.00	3,113.0m	RIH with perforating run # 3. Correlate on depth with CBL/GR log 15 Feb 2006. perforate; Zone 2 = 2791.0m - 2806.5m Good indication of guns firing, no losses to wellbore POOH to 2600m, confirm wellbore is static and POOH Guns at surface
С	Р	PER	1200	1330	1.50	3,113.0m	Lay down run #3 perforating guns, all shots fired. Rig down wireline equipment and compensator line
С	Р	TI	1330	1630	3.00	3,113.0m	Pick up Weatherford tongs and JAM unit. Pick up and RIH with wearbushing retrieval tool and jetting assembly on 5" DP. Engage wear bushing and take index mark reference. Pull wear bushing with 30klbs overpull.
С	Р	ТО	1630	1730	1.00	3,113.0m	Jet wellhead area with 146 SPM, 15 BPM, 200 psi. POOH with jetting assembly and wearbushing
С	Р	TI	1730	2330	6.00	3,113.0m	Hold pre job safety meeting. Rig up 5 1/2" tubing running equipment. Pick up and make up LIT and RIH with 5 1/2" completion riser tubing and 5" DP. Land out LIT with 5klbs down weight. Pressure up string to 3000psi for 5 minutes to actuate impression pistons. Bleed off pressure and allow pistons to relax for 5 minutes.
С	Р	TO	2330	2400	0.50	3,113.0m	POOH wet with LIT on 5" DP and 5 1/2" completion riser. Rack back riser in derrick.

Operations For Period 0000 Hrs to 0600 Hrs on 17 Feb 2006

Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
С	Р	ТО	0000	0100	1.00	3,113.0m	Continue to POOH wet with LIT on 5" DP and 5 1/2" completion riser. Rack back riser in derrick.
С	Р	HT	0100	0300	2.00	3,113.0m	Land out LIT on stand at rotary table. Inspect LIT tool. Poor indications from markings due to scaring on lead blocks. Unable to verify hanger lock down ring space out. Re-dress LIT tool and function test
С	Р	TI	0300	0500	2.00	3,113.0m	RIH with LIT on 5 1/2" completion riser tubing and 5" DP. Land out LIT with 5klbs down



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Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
							weight. Pressure up string to 3000psi for 5 minutes to actuate impression pistons. Bleed off pressure and allow pistons to relax for 5 minutes.
С	Р	TO	0500	0600	1.00	3,113.0m	POOH wet with LIT on 5" DP and 5 1/2" completion riser. Rack back riser in derrick.

Phase Data to 2400hrs, 16 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)	38.5	11 Feb 2006	13 Feb 2006	488.00	20.333	3,113.0m
COMPLETION(C)	90	13 Feb 2006	16 Feb 2006	578.00	24.083	3,113.0m

WBM Data			Cost Toda	у				
Mud Type:	Brine	API FL:	CI:	58000mg/l	Solids(%vol):		Viscosity	
Sample-From:	Pits	Filter-Cake:	K+C*1000:	12%	H2O:		PV YP	
Time:	09:30	HTHP-FL:	Hard/Ca:		Oil(%):		Gels 10s	
Weight:	9.00ppg	HTHP-cake:	MBT:		Sand:		Gels 10m Fann 003	
Temp:			PM:		pH:	9.5	Fann 006	
			PF:		PHPA:		Fann 100	
Comment		Sulphites = 500					Fann 200 Fann 300	
							Fann 600	

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT				43.1
Bentonite Bulk	MT		0		34.6
Diesel	m3	0	10.8	0	384.4
Fresh Water	m3	25	25	0.1	154.1
Drill Water	m3	0	17.9	0	308.0
Cement G	MT	0	0		63.1
Cement HT (Silica)	MT	0			15.3

Pυ	ımps																
Pump Data - Last 24 Hrs							Slow Pump Data										
No.	Туре	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	-		SPM3 (SPM)	-	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	

1	3110.00	2892.77	3110.00	2892.77		
Personnel On Board	d					
	Company	Pax	Pax Comment			
ANZON AUSTRALIA LIMI	ITED	9	2 X Drilling Supervisor, 1 X Logistics, 2 X Completion Supervisor, 4			



LIMITED Last BOP Test: 13 Feb 2006

Personnel On Board								
		Subsea						
DOGC	46							
DOWELL SCHLUMBERGER	2							
HALLIBURTON COMPLETION TOOLS - AUSTRALISIA	1							
M-1 AUSTRALIA PTY LTD	1							
FUGRO SURVEY LTD	3							
WEATHERFORD AUSTRALIA PTY LTD	4							
ESS	8							
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	5	2 x Engineers, 3 x workers						
CAMERON AUSTRALIA PTY LTD	3							
EXPRO GROUP	12							
Total	94							

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Last BOP Test	13 Feb 2006			
Abandon Drill	12 Feb 2006	4 Days		
Fire Drill	12 Feb 2006	4 Days		
JSA	16 Feb 2006	0 Days	Drill crew=6, Deck=9	
Man Overboard Drill	29 Jan 2006	18 Days		
Safety Meeting	12 Feb 2006	4 Days		Hold safety meetings at 1300/1900/0100hrs
STOP Card	16 Feb 2006	0 Days	Safe= 5 Un-safe=9	

Shakers, Volumes and Losses Data								
Available	1,556bbl	Losses	0bbl	Equip.	Descr.	Mesh Size		
Active	384.7bbl			Shaker1	VSM 100	4 x 200		
Hole	851.3bbl			Shaker2	VSM 100	165/180/2x 230		
				Shaker3	VSM 100	2 x 200, 2 x 120		
Reserve	320bbl			Shaker4	BEM650	4 x 165		

Marine									
Weather on 16 Feb 2006							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.0nm	8kn	225.0deg	1,013.0mbar	21C°	0.2m	225.0deg	2s	1	181.0
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	139.0
224.0deg	349.00klb	4,348.00klb	1.5m	225.0deg	7s			- 3 4	183.0 161.0
Comments						5	273.0		
						6	231.0		
								7	251.0
								8	271.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status		Bulks		
Far Grip	18:25 13 Feb 2006		On Location	Item	Unit	Used	Quantity
				Diesel	m3		316
				Fresh Water	m3		655
				Drill Water	m3		510
				Cement G	mt		0
				Bentonite Bulk	mt		0
				Brine	m3		0
			Cement HT (Silica)	mt		0	
Pacific Wrangler	06:00 15 Feb 2006			Item	Unit	Used	Quantity
			Diesel	m3		582	
			Fresh Water	m3		175	
				Drill Water	m3		370
				Cement G	mt		0
				Cement HT (Silica)	mt		0
				Barite Bulk	mt		0
				Bentonite Bulk	mt		43
				Brine	m3		0



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Helicopter Movement								
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment				
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	09:54 / 10:15	14 / 12	refueling = 878 litres, remaining on board = 2941 litres				