

**DRILLING MORNING REPORT # 30****Manta 2a**

21 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 Manta	TVDBRT	2,895.5m	Last Casing OD	7.000in	AFE No.	3426-1310	
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2,527.2m	Daily Cost	\$2,987,566	
Rig	OCEAN PATRIOT	Days from spud	29.19	Shoe MDBRT	2,706.4m	Cum Cost	\$19,789,786	
Wtr Dpth(LAT)	133.3m	Days on well	29.08	FIT/LOT:	13.50ppg/	Days Since Last LTI	1019	
RT-ASL(LAT)	21.5m	Planned TD MD	3,120.0m					
RT-ML	154.8m	Planned TD TVDRT	2,892.0m					
Current Op @ 0600		Attempting to pass slickline tools through SSSV						
Planned Op		POOH with slickline. Function FBIV open. Flow Test well. Bullhead well with diesel. Close in SST valves, clear riser and prepare to POOH with 5 1/2" completion riser						

**Summary of Period 0000 to 2400 Hrs**

RIH with SST on 5 1/2" completion riser. Land and latch SST. Function and pressure test all components. Pull Debris catcher from tubing hanger on slickline. RIH with slickline to open SSD

**Operations For Period 0000 Hrs to 2400 Hrs on 21 Feb 2006**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	WH	0000	0400	4.00	3,113.0m	RIH with SST on 5 1/2" completion riser. Install Matrix clamp protector on each joint. SST weight: Dry=155 klbs, Wet=145 klbs
C	P	WH	0400	0530	1.50	3,113.0m	Make up riser tension joint and 2 X pup jts and RIH to 143m MDRT
C	P	WH	0530	0800	2.50	3,113.0m	Make up pad eye sub to TDS. Install 45 ft bails to 12 ft trig bails with 85t shackles. Hold pre job safety meeting and make up flow head/ stiff joint assembly to 5 1/2" completion riser
C	P	WH	0800	0930	1.50	3,113.0m	Secure bulls eye to 5 1/2" riser tensioner joint. Secure tensioners #1, 5, 7 & 10 to tensioner joint
C	P	WH	0930	1000	0.50	3,113.0m	Attempt to stab SST onto guide post with no success due to current direction (from guide post #1 to guide post #3)
C	P	WH	1000	1030	0.50	3,113.0m	Land SST with 50 klbs down weight. Latch SST and test with 50 klbs over pull to verify
C	P	WH	1030	1130	1.00	3,113.0m	Pressure test SST connector control line to 500 psi low for 5 minutes and 5000 psi high for 10 minutes. Make up coflex and cementing hoses to flowhead
C	P	SM	1130	1200	0.50	3,113.0m	Hold pre job safety meeting on rig floor with all Diamond crews, Expro, Upstream, Anzon and 3rd party contractors.
C	P	WH	1200	1230	0.50	3,113.0m	Hold pre job safety meeting. Perform final checks on tensioners and adjust weight
C	P	SLK	1230	1330	1.00	3,113.0m	Close valves on SST and record on status board. Rig up slickline lubricator and BOP
C	P	WH	1330	1430	1.00	3,113.0m	Pressure test surface lines; Flush lines from lubricator to Expro choke with seawater. Lubricator leaking. Break out lubricator and change out O ring and reconnect lubricator. Continue to flush lines with seawater. Pressure test lubricator, flowhead and surface lines to Expro choke manifold to 500 psi for 5 minutes and 5000 psi for 10 minutes.
C	P	CHC	1430	1530	1.00	3,113.0m	Circulate riser to inhibited brine through annulus access line with Dowell.
C	P	SLK	1530	2000	4.50	3,113.0m	RIH GR pulling tool on slickline and attempt to recover debris catcher from tubing hanger with no success. GR pin sheared. Rig up jars and accelerator with GS pulling tool. Latch into AR lock and POOH.
C	P	PT	2000	2100	1.00	3,113.0m	Line up Dowell and Pressure test annulus access line against the closed AWW to 500 lo for 5 minutes and 4500 psi high for 10 minutes. Break out lubricator and make up tandem SSD shifting tools. Make up lubricator, close in FSV and standby slickline in lubricator
C	P	PT	2100	2330	2.50	3,113.0m	Pressure test SST body and VX gasket to 500 psi low for 5 minutes and 5000 psi high for 10 minutes. Line up Dowell on Annulus and pressure up to shear out GLV draw bar. Bleed off annulus pressure. Re-pressure test tubing to 500 pis for 5 minutes and 5000 psi for 10 minutes to verify GLV check valves are holding. Bleed back tubing presure.
C	P	SLK	2330	2400	0.50	3,113.0m	RIH with slickline to open SSD

**Operations For Period 0000 Hrs to 0600 Hrs on 22 Feb 2006**



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
C	P	SLK	0000	0030	0.50	3,113.0m	Continue to RIH with slickline and open SSD at 2714m MDRT. Continue to RIH 8m below SSD
C	P	SLK	0030	0300	2.50	3,113.0m	Line up Dowell and displace tubing with 138 bbl diesel at 1.8 BPM. Chase diesel with 3 bbl 9.0 ppg brine to clear surface lines and flowhead of diesel. bleed back tubing pressure to 500 psi to Expro surge tank (total 4 bbls). Shut in tubing pressure at Dowell and shut in annulus access line at reel
C	P	SLK	0300	0600	3.00	3,113.0m	POOH with slickline and close SSD. Attempt to POOH with slickline. Shifting tool hanging up in SSSV at 205m MDRT. Attempt to free stuck tools

**Phase Data to 2400hrs, 21 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)	210	13 Feb 2006	21 Feb 2006	698.00	29.083	3,113.0m

**Bulk Stocks**

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT			0	42.1
Bentonite Bulk	MT		0		34.6
Diesel	m3	0	14.1	0	326.8
Fresh Water	m3	25	27	0	139.1
Drill Water	m3	0	6	0	258.1
Cement G	MT	0	0		63.1
Cement HT (Silica)	MT	0			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	11	2 X Drilling Supervisor, 1 X Logistics, 2 X Completion Supervisor, X Subsea
DOGC	48	
DOWELL SCHLUMBERGER	2	
FUGRO SURVEY LTD	6	
WEATHERFORD AUSTRALIA PTY LTD	2	
ESS	8	
CAMERON AUSTRALIA PTY LTD	3	



Personnel On Board		
EXPRO GROUP	14	
PETROLAB	1	
Total	95	

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Last BOP Test	13 Feb 2006			
Abandon Drill	19 Feb 2006	2 Days		
Fire Drill	19 Feb 2006	2 Days		
JSA	21 Feb 2006	0 Days	Drill crew=6, Deck=7, Mech=3	
Man Overboard Drill	17 Feb 2006	4 Days		
Safety Meeting	19 Feb 2006	2 Days		Hold safety meetings at 1300/1900/0100hrs
STOP Card	21 Feb 2006	0 Days	Safe= 3 Un-safe=12	

Marine									
Weather on 21 Feb 2006							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.0nm	10kn	248.0deg	1,021.0mbar	20C°	0.5m	248.0deg	2s	1	
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	
224.0deg	0.00klb	4,467.00klb	1.5m	225.0deg	8s			3	
Comments							4		
							5		
							6		
							7		
							8		

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Far Grip	17:00 21 Feb 2006		On Location	Diesel	m3		552
				Fresh Water	m3		630
				Drill Water	m3		510
				Cement G	mt		164
				Bentonite Bulk	mt		71
				Cement HT (Silica)	mt		0
				Brine	m3		0
Pacific Wrangler	11:45 17 Feb 2006		On Location	Diesel	m3		490.8
				Fresh Water	m3		170
				Drill Water	m3		620
				Cement G	mt		0
				Cement HT (Silica)	mt		0
				Barite Bulk	mt		109
				Bentonite Bulk	mt		43
				Brine	m3		0

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	09:49 / 10:10	13 / 12	Refue = 909 litres, Remaining on board = 2024 litres