

**DRILLING MORNING REPORT # 16****Manta 2a**

07 Feb 2006

From: Ron King/ Bryan Webb
To: John Ah-Cann

Well Data							
Country	Australia	MDBRT	2,718.0m	Cur. Hole Size	8.500in	AFE Cost	\$21,712,149
Field	Basker and Manta	TVDBRT	2,539.7m	Last Casing OD	9.625in	AFE No.	3426-1310
Drill Co.	DOGC	Progress	3.0m	Shoe TVDBRT	2,527.2m	Daily Cost	\$0
Rig	OCEAN PATRIOT	Days from spud	15.19	Shoe MDBRT	2,706.4m	Cum Cost	\$7,607,644
Wtr Dpth(LAT)	133.3m	Days on well	15.10	FIT/LOT:	13.50ppg /	Days Since Last LTI	995
RT-ASL(LAT)	21.5m	Planned TD MD	3,120.0m				
RT-ML	154.8m	Planned TD TVDRT	2,892.0m				
Current Op @ 0600		Drilling 216mm (8 1/2") hole @2800m MDRT.					
Planned Op		Drill 216mm (8 1/2") hole to section TD.					

Summary of Period 0000 to 2400 Hrs	
Lay down excess BHA, pick up 216mm (8 1/2") BHA, test. Pick up required drill pipe for TD. RIH to 2618m, signs of packed off hole. POOH to 2104m, RIH to 2390m. Wash and ream to 2674m top of cement. Drill cement. shoe track, rat hole and 3m of new formation to 2718m MDRT. Perfrom FIT, 13.5 EMW.	

Operations For Period 0000 Hrs to 2400 Hrs on 07 Feb 2006

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	HBHA	0000	0230	2.50	2,715.0m	Lay out Dowell express head from derrick and double of HWDP/ pup. Lay out remaining 311mm (12 1/4") bha.
PH	P	HBHA	0230	0430	2.00	2,715.0m	Pick up Sperry Sun 216mm (8 1/2") bha.
PH	P	HBHA	0430	0530	1.00	2,715.0m	Up link MWD and shallow test, ok. @600gpm AGS closed 1050psi, @600gpm AGS open 1450psi.
PH	P	HBHA	0530	0700	1.50	2,715.0m	Continue to pick up 216mm (8 1/2") bha and run in hole to 239m.
PH	P	PUP	0700	0900	2.00	2,715.0m	Pick up 344m (36jnts) of 127mm (5") dp.
PH	P	RS	0900	1000	1.00	2,715.0m	Service Top Drive and travelling blocks.
PH	P	TI	1000	1330	3.50	2,715.0m	Run in hole from 583m to 2618m MDRT.
PH	P	RW	1330	1430	1.00	2,715.0m	Make up Top Drive and attempt to wash to top of cement, hi torque/ excessive darg and string hydraulicizing out of hole.
PH	P	TO	1430	1530	1.00	2,715.0m	Pull out of the hole from 2618m to 2104m.
PH	P	TI	1530	1630	1.00	2,715.0m	Run in hole from 2104m to 2390m, establish base line parameters for drag and overpull.
PH	P	RW	1630	1930	3.00	2,715.0m	Wash and ream from 2390m MDRT to top of cement at 2674m MDRT (3m above float collar).
PH	P	DFS	1930	2200	2.50	2,715.0m	Drill cement down to float collar at 2677m MDRT, drill shoe track and shoe to 2706m MDRT. 500- 600gpm/ 2200psi/ 60rpm/ 210-240rpmDH/ 5-8klbs WOB/ 8-12,000ftlbs TQ/ Rotating wt 265klbs/ up wt 330klbs/ down wt 255klbs. All depths as per casing tally.
PH	P	DM	2200	2230	0.50	2,718.0m	Drill rat hole from 2706m MDRT to 311mm (12 1/4") TD at 2715m MDRT. Drill 216mm (8 1/2") hole from 2715m MDRT to 2718m MDRT. 600gpm/ 2200psi/ 60rpm/ 240rpmDH/ 5-8klbs WOB/ 8-12,000ftlbs TQ/ Rotating wt 265klbs/ up wt 330klbs/ down wt 255klbs.
PH	P	CHC	2230	2300	0.50	2,718.0m	Circulate hole clean from 2718m MDRT.
PH	P	LOT	2300	2400	1.00	2,718.0m	Rig up Dowell to pump down the drill string and down the annulus at the same time. Space out and close middle pipe rams. Perform formation integrity test to 13.5ppg EMW. 1609psi/ 9.8ppg mud wt/ 2527m TVD. Dump sand traps and prepare for displacement of 9.8ppg to 9.1ppg mud.

Operations For Period 0000 Hrs to 0600 Hrs on 08 Feb 2006

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	DM	0000	0600	6.00	2,800.0m	Drill 216mm (8 1/2") hole from 2718m to 2800m MDRT 10klbs WOB/ 10-16,000ftlbs torque/ 600gpm/ 2200psi/ 100rpm/ 280rpmDH. @2766.21m / 91.88azimuth/ 23.47incl. Average ROP 13.66mhr



Phase Data to 2400hrs, 07 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 CASING(IC)	45	04 Feb 2006	06 Feb 2006	142.50	5.938	2,715.0m
INTERMEDIATE HOLE(IH)	198.5	27 Jan 2006	07 Feb 2006	341.00	14.208	2,715.0m
PRODUCTION HOLE(PH)	21.5	07 Feb 2006	07 Feb 2006	362.50	15.104	2,718.0m

WBM Data		Cost Today \$ 24530							
Mud Type:	KCL/PHPA	API FL:	6.8cc/30min	Cl:	33500mg/l	Solids(%vol):	2%	Viscosity	59sec/qt
Sample-From:	Pits	Filter-Cake:	1/32nd"	K+C*1000:	6%	H2O:	98%	PV	11cp
Time:	2400	HTHP-FL:	23.0cc/30min	Hard/Ca:	100mg/l	Oil(%):		YP	18lb/100ft ²
Weight:	9.10ppg	HTHP-cake:	1/32nd"	MBT:	4	Sand:	0.25	Gels 10s	4
Temp:	35C°			PM:	0.3	pH:	9.5	Gels 10m	5
				PF:	0.1	PHPA:		Fann 003	3
								Fann 006	5
								Fann 100	17
								Fann 200	24
								Fann 300	29
								Fann 600	40
Comment									

Bit # 5				Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:												
Size ("):	8.500in	IADC#	M422	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	REED HYCLOG	WOB(avg)	8.00klb	No.	Size	Progress	3.0m	Cum. Progress	3.0m			
Type:	PDC	RPM(avg)	60	6	14/32nd"	On Bottom Hrs	0.2h	Cum. On Btm Hrs	0.2h			
Serial No.:	210884	F.Rate	14.20bpm			IADC Drill Hrs	0.5h	Cum IADC Drill Hrs	0.5h			
Bit Model	RSX616	SPP	2200psi			Total Revs	51	Cum Total Revs	51			
Depth In	2,715.0m	HSI				ROP(avg)	15.00 m/hr	ROP(avg)	15.00 m/hr			
Depth Out		TFA	0.902									
Bit Comment												

BHA # 5						
Weight(Wet)	38.00klb	Length	239.0m	Torque(max)	18000ft-lbs	D.C. (1) Ann Velocity
Wt Below Jar(Wet)	22.00klb	String	265.00klb	Torque(Off.Btm)	8000ft-lbs	D.C. (2) Ann Velocity
Drilling Jar Hours		Pick-Up	330.00klb	Torque(On.Btm)	12000ft-lbs	H.W.D.P. Ann Velocity
		Slack-Off	255.00klb			D.P. Ann Velocity

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Top Conn	Serial #	Comment
Bit	0.22m	8.500in			210884	RSX616
Mud Motor	7.68m	7.000in			700-041	8 3/16" gauge stabilizer
Float Sub	0.79m	6.750in			A263	Ported float installed.
AGS	3.23m	7.875in	3.000in		450-078	7 3/8" to 7 7/8" adjustablegauge
LWD/FEWD	7.21m	7.312in			90093005	
DGR-EWD-PWD-XHCIM	2.78m	6.750in			1194443	
HOC	3.06m	6.875in			19771	
Stab	1.91m	6.500in	2.812in		A264	8 1/4" gauge
6 3/4" DC	9.37m	6.750in	2.812in		00-027-6	
5in HWDP	137.45m	5.000in	3.000in			
Drilling Jars	9.67m	6.500in	2.750in		DAH02122	
5in HWDP	55.64m	5.000in	3.000in			



Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite Bulk	MT	0	0		152.1	
Bentonite Bulk	MT		0		34.6	
Diesel	m3	0	5.4	0	303.2	
Fresh Water	m3	37.6	32	0	183.9	
Drill Water	m3	470	157.1	0	727.6	
Cement G	MT	0	0		63.1	
Cement HT (Silica)	MT	0			27.0	

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	A1700PT	6.000	9.10	97	70	2200	7.10	2760.0	30	420	3.00	40	500	4.00	50	600	5.00
2	12P 160	6.000	9.10	97	70	2200	7.10	2760.0	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	

Personnel On Board		
Company	Pax	Comment
ANZON AUSTRALIA LIMITED	5	
DOGC	55	1x HSE, 2 x NOPSA
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	5	2 x DD, 2 x MWD, 1 x MDT.
DOWELL SCHLUMBERGER	2	
GEOSERVICES OVERSEAS S.A.	6	
M-1 AUSTRALIA PTY LTD	2	2 x operators
FUGRO SURVEY LTD	3	3 x Fugro ROV,
WEATHERFORD AUSTRALIA PTY LTD	3	1 x 3 man crews
ESS	8	
SCHLUMBERGER OILFIELD AUSTRALIA PTY LTD	6	2 x Engineers, 4 x workers.
Total	95	

HSE Summary					
Events	Date of last	Days Since	Descr.	Remarks	
Last BOP Test	27 Jan 2006				
Abandon Drill	05 Feb 2006	2 Days			
Fire Drill	05 Feb 2006	2 Days			
JSA	07 Feb 2006	0 Days	Drill crew=9, Deck=14,Mech=2,		
Man Overboard Drill	29 Jan 2006	9 Days			
Safety Meeting	05 Feb 2006	2 Days		Hold safety meetings at 1300/1900/0100hrs	
STOP Card	07 Feb 2006	0 Days	Safe= 13 Un-safe=23		

Shakers, Volumes and Losses Data						
Available	1,145.7bbl	Losses	Obbl	Equip.	Descr.	Mesh Size
Hole	734.7bbl			Shaker1	VSM 100	4 x 84
Reserve	411bbl			Shaker2	VSM 100	2 x 84, 2 x 120
				Shaker3	VSM 100	4 x 120
				Shaker4	BEM650	4 x 165

Marine

