

**DRILLING MORNING REPORT # 4****Manta 2**

18 Jan 2006

From: Simon Rodda/Geoff Webster
To: John Ah-Cann

Well Data							
Country	Australia	MDBRT	189.0m	Cur. Hole Size	17.500in	AFE Cost	\$21,712,149
Field	Basker and Manta	TVDBRT	189.0m	Last Casing OD	30.000in	AFE No.	3426-1300
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	187.0m	Daily Cost	\$0
Rig	OCEAN PATRIOT	Days from spud	1.61	Shoe MDBRT	187.0m	Cum Cost	\$2,143,610
Wtr Dpth(MSL)	134.1m	Days on well	3.38	FIT/LOT:	/	Days Since Last LTI	976
RT-ASL(MSL)	21.5m	Planned TD MD	3,102.0m				
RT-ML	155.6m	Planned TD TVDRT	2,892.0m				
Current Op @ 0600		Directionally Drill ahead 17 1/2" hole ar 405m MDRT					
Planned Op		Directionally drill 17 1/2" hole.					

Summary of Period 0000 to 2400 Hrs

POOH with 30" running tool and lay out. Make up 17 1/2" drilling BHA and pick up 5" drillpipe. RIH with 17 1/2" drilling BHA and tag TOC at 183m MDRT

Operations For Period 0000 Hrs to 2400 Hrs on 18 Jan 2006

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CC	P	TO	0000	0030	0.50	189.0m	Continue to POOH with 30" running tool
IH	P	HBHA	0030	0300	2.50	189.0m	Lay down 30" running tool. Pick up and make up 18 3/4" running tool and rack back in derrick. lay down conductor cementing stand. Pick up and make up deepsea express cementing head and rack back in derrick
IH	P	PUP	0300	0800	5.00	189.0m	Pick up and drift (2 5/8") 60 joints of 5" drillpipe from catwalk and rack back in derrick. Average 20 jts/hr. Pick up 9 1/2" DC stand from derrick, break off bit and lay out 36" hole opener. Rack back 9 1/2" DC stand in derrick
IH	P	HBHA	0800	1100	3.00	189.0m	Hold safety meeting. Make up 17 1/2" BHA. Adjust motor bent housing to 1 1/2degrees. Check torque on motor to float sub. Rack back in derrick.
IH	P	PUP	1100	2030	9.50	189.0m	Pick up and drift (2 5/8") 180 jts 5" drillpipe from catwalk and rack back in derrick. Average=19 jts/hr
IH	P	TI	2030	2300	2.50	189.0m	Pick up 17 1/2" BHA and RIH. Pick up and drift 6 Jts HWDP from catwalk
IH	P	OA	2300	2330	0.50	189.0m	Shallow pulse test MWD
IH	P	TI	2330	2400	0.50	189.0m	RIH and tag top of cement at 183m MDRT

Operations For Period 0000 Hrs to 0600 Hrs on 19 Jan 2006

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DFS	0000	0130	1.50	189.0m	Drill out 20" shoe track and 20" float shoe from 183m MDRT with 650 GPM, 60 RPM (Bit RPM = 140), WOB=2-5klbs. 20" shoe at 187m MDRT.
IH	P	DA	0130	0400	2.50	350.0m	Drill ahead 17 1/2" hole from 189m MDRT to 350m MDRT with 1000 GPM, 2300 psi, 85 RPM (230 Bit RPM), Tq=2000-4000 ftlbs, WOB=1-4klbs, Average ROP = 65m/hr including connections and surveys Survey each stand Sweep hole with 50 bbl PHG each 1/2 stand and at each stand down
IH	P	DA	0400	0600	2.00	405.0m	Directionally drill ahead from 350m MDRT to 405m MDRT. Orient motor to 45 degrees magnetic tool face. 1000 GPM, 2400 psi, WOB = 4-7 klbs, tq = 2000-5000 ftlbs. Average ROP=27.5m/hr including surveys and connections

Phase Data to 2400hrs, 18 Jan 2006

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE/RIG-UP/PRESPUD(RM)	4	15 Jan 2006	15 Jan 2006	4.00	0.167	0.0m
ANCHORING(A)	25	15 Jan 2006	16 Jan 2006	29.00	1.208	0.0m
PRESPUD(PS)	13.5	16 Jan 2006	17 Jan 2006	42.50	1.771	0.0m
CONDUCTOR HOLE(CH)	1	17 Jan 2006	17 Jan 2006	43.50	1.812	189.0m
CONDUCTOR CASING(CC)	14	17 Jan 2006	18 Jan 2006	57.50	2.396	189.0m
INTERMEDIATE HOLE(IH)	23.5	18 Jan 2006	18 Jan 2006	81.00	3.375	189.0m



WBM Data			Cost Today			
Mud Type:	PHG	API FL:	Cl:	Solids(%vol):	Viscosity	126sec/qt
Sample-From:		Filter-Cake:	K+C*1000:	H2O:	PV	
Time:		HTHP-FL:	Hard/Ca:	Oil(%):	YP	
Weight:	8.80ppg	HTHP-cake:	MBT:	Sand:	Gels 10s	
Temp:	20C°		PM:	pH:	Gels 10m	
			PF:	PHPA:	Fann 003	
Comment					Fann 006	
					Fann 100	
					Fann 200	
					Fann 300	
					Fann 600	

Bit # 1RR				Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:												
Size ("):	17.500in	IADC#	1-1-5	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	HUGHES CHRISTENSEN	WOB(avg)		No.	Size	Progress	0.0m	Cum. Progress	0.0m			
Type:	Rock	RPM(avg)		4	22/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	0.0h			
Serial No.:	6042349	F.Rate				IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	0.0h			
Bit Model	MXL-1	SPP				Total Revs		Cum Total Revs	0			
Depth In	189.0m	HSI				ROP(avg)	N/A	ROP(avg)	0.00 m/hr			
Depth Out		TFA	1.485									
Bit Comment												

BHA # 2						
Weight(Wet)		Length	272.9m	Torque(max)	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	34.00klb	String		Torque(Off.Btm)	D.C. (2) Ann Velocity	0fpm
Drilling Jar Hours	0	Pick-Up		Torque(On.Btm)	H.W.D.P. Ann Velocity	0fpm
		Slack-Off			D.P. Ann Velocity	0fpm

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Top Conn	Serial #	Comment
Bit	0.41m			7 5/8 Reg	5042349	
Mud Motor	8.61m	9.500in		7 5/8 Reg	963-212	
Float Sub	0.83m	9.500in		7 5/8 Reg	A-253	
Stab	2.50m	9.375in	3.000in	7 5/8 Reg	SBD2382	
DWD	9.62m	9.688in	3.313in	7 5/8 Reg	46811	
X/O	1.17m			6 5/8 Reg	MSO 1940-01	
8in DC	27.57m	7.875in	2.875in	6 5/8 Reg		
Drilling Jars	10.02m	8.250in	3.000in	6 5/8 Reg	11151	
8in DC	17.88m	7.813in	2.875in	6 5/8 Reg		
X/O	1.17m	6.625in	2.750in	4 1/2 IF	MSO 1940-02	
5in HWDP	193.09m	6.250in	3.000in	4 1/2 IF		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0		9.37	161.7
Bentonite Bulk	MT	0	0	0	66.0
Diesel	m3	0	8.7	0	151.8
Fresh Water	m3	31	33	0	176.3
Drill Water	m3	500	24.9	0	962.0
Cement G	MT	121.1	0	0.1	182.5

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner	MW	Eff (%)	SPM	SPP	Flow	Depth	SPM1	SPP1	Flow1	SPM2	SPP2	Flow2	SPM3	SPP3	Flow3



Pumps																
Pump Data - Last 24 Hrs										Slow Pump Data						
		(in)	(ppg)	(SPM)	(psi)	(bpm)	(m)	(SPM)	(psi)	(bpm)	(SPM)	(psi)	(bpm)	(SPM)	(psi)	(bpm)
1	Oilwell 1700PT	6.500		97												
2	National 12-P-160	6.500	8.40	97												
3	National 12-P-160	6.500	8.40	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 "	187.93	187.93	153.61	153.61		

Personnel On Board		
Company	Pax	Comment
DOGC	56	All Diamond Personnel
ANZON AUSTRALIA LIMITED	3	Operator Personnel
ESS	8	Catering Personnel
DOWELL SCHLUMBERGER	2	Cementing
FUGRO SURVEY LTD	6	ROV personnel
FUGRO SURVEY LTD	1	Fugro Surveyor
M-1 AUSTRALIA PTY LTD	2	Mud Engineers
GEOSERVICES OVERSEAS S.A.	2	Mud Logging personnel
CAMERON AUSTRALIA PTY LTD	1	Wellhead personnel
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	6	Dir drilling and LWD personnel
WEATHERFORD AUSTRALIA PTY LTD	3	Casing running personnel
Total	90	

HSE Summary					
Events	Date of last	Days Since	Descr.	Remarks	
Abandon Drill	15 Jan 2006	3 Days	Complete abandon rig drill		
Fire Drill	15 Jan 2006	3 Days	Rig fire drill		
JSA	18 Jan 2006	0 Days	Drill=9, Deck=5, Welder=3, Subsea=5, Mech=3		
Man Overboard Drill	30 Dec 2005	19 Days	Man overboard drill		
Safety Meeting	15 Jan 2006	3 Days	Weekly Safety Meetings	Held weekly Safety meetings 13:00, 19:00 & 01:00 hrs	
STOP Card	18 Jan 2006	0 Days	Safe = 6, Unsafe = 2		

Shakers, Volumes and Losses Data			
Available	Losses	Reserve	Obbl
1,905bbl		1,905bbl	

Marine									
Weather on 18 Jan 2006							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.0nm	24kn	90.0deg	1,024.0mbar	18C°	1.0m	90.0deg	3s	1	165.0
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments			
225.0deg	0.00klb	5,111.00klb	2.0m	67.0deg	7s				
Comments							2	265.0	
							3	168.0	
							4	179.0	
							5	218.0	
							6	249.0	
							7	256.0	
							8	223.0	

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
				Item	Unit	Used	Quantity
Far Grip		08:15 17 Jan 2006	Melbourne.	Diesel	M3		117
				Fresh Water	M3		420
				Drill Water	M3		0



				Item	Unit	Used	Quantity
				Cement G	MT		0
				Cement HT (Silica)	MT		
				Barite Bulk	MT		0
				Bentonite Bulk	MT		0
Pacific Wrangler				Item	Unit	Used	Quantity
				Diesel	M3		228
				Fresh Water	M3		151
				Drill Water	M3		0
				Cement G	MT		132
				Cement HT (Silica)	MT		0
				Barite Bulk	MT		8.3
				Bentonite Bulk	MT		
				Brine	Bbls		0

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