

**DRILLING MORNING REPORT # 7****Manta 2a****29 Jan 2006**From: Simon Rodda/Webby
To: John Ah-Cann

Well Data							
Country	Australia	MDBRT	1,511.0m	Cur. Hole Size	12.250in	AFE Cost	\$21,712,149
Field	Basker and Manta	TVDBRT	1,433.3m	Last Casing OD	13.375in	AFE No.	
Drill Co.	DOGC	Progress	261.0m	Shoe TVDBRT	948.5m	Daily Cost	\$0
Rig	OCEAN PATRIOT	Days from spud	6.19	Shoe MDBRT	984.5m	Cum Cost	\$2,806,586
Wtr Dpth(LAT)	133.3m	Days on well	6.10	FIT/LOT:	/ 14.50ppg	Days Since Last LTI	987
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 311mm (12 1/4") hole @ 1665m MDRT					
Planned Op		Drill ahead to section TD.					

Summary of Period 0000 to 2400 Hrs
Drill 1250m MDRT to 1272m MDRT, Geo-Pilot tool failure. POOH and change out tool. Make up casing hanger R/tool. Make up new Geo-Pilot and RIH. Drill 311mm (12 1/4") hole from 1272m MDRT to 1511m MDRT.

Operations For Period 0000 Hrs to 2400 Hrs on 29 Jan 2006

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	TP (RE)	RR	0000	0030	0.50	1,250.0m	Re-install top drive saver sub after it backed out during a routine connection.
IH	P	TO	0030	0100	0.50	1,264.0m	Drill 311mm (12 1/4") hole from 1250m to 1264m MDRT. 18-20klbs WOB/ 120rpm/ 2100psi/ 1020gpm/ 8-10,000 ftlbs torque. String wt 220klbs up/ 210klbs rotating/ 190klbs down.
IH	TP (DTF)	DA	0100	0200	1.00	1,264.0m	Perform diagnostics checks on Geo-Pilot down hole tool after failure to down link and change settings.
IH	P	DA	0200	0230	0.50	1,272.0m	Drill 311mm (12 1/4") hole from 1264m to 1272m MDRT. 18-20klbs WOB/ 120rpm/ 2100psi/ 1020gpm/ 8-10,000 ftlbs torque. String wt 220klbs up/ 210klbs rotating/ 190klbs down.
IH	TP (DTF)	CHC	0230	0300	0.50	1,272.0m	Circulate hole clean, take slow circulation rates, flow check well, ok.
IH	TP (DTF)	TO	0300	0600	3.00	1,272.0m	POOH from 1272m MDRT, no hole problems observed, hole took correct displacement fluid.
IH	TP (DTF)	HBHA	0600	0700	1.00	1,272.0m	Break off bit while Sperry-Sun down loading MWD.
IH	TP (DTF)	HBHA	0700	0730	0.50	1,272.0m	Lay out failed Geo-Pilot. 4 x broken rollers on geo-pilot.
IH	P	CRN	0730	0830	1.00	1,272.0m	Pick up and make up 244mm (9 5/8") hanger running tool , install Dowell plug launcher and lay out.
IH	TP (DTF)	HBHA	0830	0900	0.50	1,272.0m	Pick up new Geo-Pilot and make up bit #3rr1.
IH	TP (DTF)	HBHA	0900	0930	0.50	1,272.0m	Up link MWD.
IH	TP (DTF)	HBHA	0930	1200	2.50	1,272.0m	Run in hole BHA from derrick to 306m MDRT and shallow test MWD, ok.
IH	P (DTF)	TI	1200	1400	2.00	1,272.0m	RIH from 306m to 984m MDRT.
IH	P	RS	1400	1430	0.50	1,272.0m	Service Top Drive and travelling block.
IH	TP (DTF)	TI	1430	1530	1.00	1,272.0m	RIH from 984m MDRT to 1272m MDRT, no hole problems observed, hole displaced correct fluid.
IH	P	DA	1530	2400	8.50	1,511.0m	Drill 311mm (12 1/4") hole from 1272m MDRT to 1511m MDRT. 18-24klbs WOB/ 120rpm/ 2700psi/ 1018gpm/ 9-13,000 ftlbs torque. String wt 225klbs up/ 235klbs rotating/ 205klbs down. @ 1498.45m MDRT/ 23.80 incl/ 44.70 azimuth/ 1421.92m TVD. Maximum gas 2% @ 1293.5m MDRT.

Operations For Period 0000 Hrs to 0600 Hrs on 30 Jan 2006



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0000	0500	5.00	1,665.0m	Drill 311mm (12 1/4") hole from 1511m MDRT to 1665m MDRT. 25-30klbs WOB/ 120rpm/ 2800psi/ 1018gpm/ 10-11,000 ftlbs torque. String wt 250klbs up/ 230klbs rotating/ 215klbs down. Average ROP 30.8mhr @1642.11m MDRT/ 23.81 incl/ 43.33 azimuth
IH	TP (OTH)	DA	0500	0600	1.00	1,665.0m	Trouble shoot Geo-Pilot communication problems. Tool not responding to commands.

Phase Data to 2400hrs, 29 Jan 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)	49	27 Jan 2006	29 Jan 2006	146.50	6.104	1,511.0m

WBM Data**Cost Today \$ 63761**

Mud Type:	KCL/PHPA	API FL:	5.2cc/30min	Cl:	39000mg/l	Solids(%vol):	8%	Viscosity	62sec/qt
Sample-From:	Pits	Filter-Cake:	1/32nd"	K+C*1000:	8%	H2O:	92%	PV	15cp
Time:	2230	HTHP-FL:		Hard/Ca:	160mg/l	Oil(%):		YP	24lb/100ft ²
Weight:	9.60ppg	HTHP-cake:		MBT:	10	Sand:	0.4	Gels 10s	6
Temp:	39C°			PM:	0.4	pH:	9	Gels 10m	12
				PF:	0.05	PHPA:	1ppb	Fann 003	6
								Fann 006	8
								Fann 100	24
								Fann 200	33
								Fann 300	39
								Fann 600	54
Comment									

Bit # 3

Wear	I	O1	D	L	B	G	O2	R
	0	0	CT	N	X	I	NO	DTF

Bitwear Comments: 1 x chipped tooth only. Minor damage.

Size ("):	12.250in	IADC#	M433	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Mfr:	REED HYCALOG	WOB(avg)	18.80klb	No.	Size	Progress	22.0m	Cum. Progress	278.0m
Type:	PDC	RPM(avg)	120	6	20/32nd"	On Bottom Hrs	0.7h	Cum. On Btm Hrs	8.0h
Serial No.:	209514	F.Rate	24.10bpm			IADC Drill Hrs	1.0h	Cum IADC Drill Hrs	9.0h
Bit Model	RSX162	SPP	2100psi			Total Revs	60	Cum Total Revs	120
Depth In	994.0m	HSI				ROP(avg)	31.43 m/hr	ROP(avg)	34.75 m/hr
Depth Out	1,272.0m	TFA	1.841						

Bit Comment

Bit # 3RR1

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size ("):	12.250in	IADC#	M433	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Mfr:	REED HYCALOG	WOB(avg)	18.00klb	No.	Size	Progress	239.0m	Cum. Progress	239.0m
Type:	PDC	RPM(avg)	120	6	20/32nd"	On Bottom Hrs	5.5h	Cum. On Btm Hrs	5.5h
Serial No.:	209514	F.Rate	24.20bpm			IADC Drill Hrs	8.5h	Cum IADC Drill Hrs	8.5h
Bit Model	RSX162	SPP	2700psi			Total Revs	60	Cum Total Revs	60
Depth In	1,272.0m	HSI				ROP(avg)	43.45 m/hr	ROP(avg)	43.45 m/hr
Depth Out		TFA	1.841						

Bit Comment

BHA # 4

Weight(Wet)	55.00klb	Length	249.2m	Torque(max)	13000ft-lbs	D.C. (1) Ann Velocity
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Wt Below Jar(Wet)	22.00klb	String	225.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity
Drilling Jar Hours		Pick-Up	235.00klb	Torque(On.Btm)	9000ft-lbs	H.W.D.P. Ann Velocity
		Slack-Off	205.00klb			D.P. Ann Velocity

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Top Conn	Serial #	Comment
Bit	0.59m	12.250in			209514	
Geo_Pilot	6.62m	9.500in	3.000in		GPTL044	12 1/16" OD gauge on sleeve stab.
Non-Mag Flex collar	2.80m	7.938in	3.000in		CP1015763	
DGR-EWD-PWD-XHCIM	8.61m	8.000in			90087662	12 3/16" OD gauge on stab. sleeve
HOC	3.11m	8.000in			10645035	
Float Sub	0.72m	7.812in	3.000in		718245	
8in DC	18.17m	8.000in	2.875in			
Drilling Jars	9.69m	8.250in	3.000in		36880C	
Pony DC	4.59m	8.000in	3.000in		A502	
X/O	1.17m	6.625in	3.000in		1750-1	
5in HWDP	193.09m	5.000in	3.000in			

BHA # 3

Weight(Wet)	55.00klb	Length	249.2m	Torque(max)	12000ft-lbs	D.C. (1) Ann Velocity
Wt Below Jar(Wet)	22.00klb	String	210.00klb	Torque(Off.Btm)	4000ft-lbs	D.C. (2) Ann Velocity
Drilling Jar Hours		Pick-Up	220.00klb	Torque(On.Btm)	9000ft-lbs	H.W.D.P. Ann Velocity
		Slack-Off	190.00klb			D.P. Ann Velocity

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Top Conn	Serial #	Comment
Bit	0.59m	12.250in			209514	
Geo_Pilot	6.62m	9.500in	3.000in		GPTL044	12 1/16" OD gauge on sleeve stab.
Non-Mag Flex collar	2.80m	7.938in	3.000in		CP1015763	
DGR-EWD-PWD-XHCIM	8.61m	8.000in			90087662	12 3/16" OD gauge on stab. sleeve
HOC	3.11m	8.000in			10645035	
Float Sub	0.72m	7.812in	3.000in		718245	
8in DC	18.17m	8.000in	2.875in			
Drilling Jars	9.69m	8.250in	3.000in		36880C	
Pony DC	4.59m	8.000in	3.000in		A502	
X/O	1.17m	6.625in	3.000in		1750-1	
5in HWDP	193.09m	5.000in	3.000in			

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type
1355.16	22.9	47.3	1290.81	333.3	240.9	236.8	5.2	MWD
1383.56	23.5	47.8	1316.92	344.4	248.5	245.1	2.2	MWD
1412.27	23.7	48.7	1343.23	355.9	256.1	253.6	1.4	MWD
1440.99	24.0	47.2	1369.49	367.4	263.9	262.3	2.4	MWD
1469.72	24.0	45.7	1395.74	379.0	271.9	270.7	2.1	MWD
1498.95	23.8	44.7	1422.46	390.7	280.3	279.1	1.5	MWD
1527.14	23.1	44.2	1448.33	401.8	288.3	287.0	2.6	MWD
1555.85	23.4	44.1	1474.70	412.9	296.4	294.9	1.1	MWD
1584.61	24.2	43.2	1501.02	424.4	304.8	302.9	3.1	MWD
1613.32	23.7	43.0	1527.26	435.8	313.3	310.9	1.8	MWD



Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite Bulk	MT		7.3		127.7	
Bentonite Bulk	MT		0		34.6	
Diesel	m3		16.2	0	243.6	
Fresh Water	m3	15.8	25.8	0	183.4	
Drill Water	m3	0	101.1	0	630.8	
Cement G	MT	0	0		79.3	

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	8.60	97	80	2700	8.03	1480.0	40	325	4.00	50	350	5.00	60	400	6.00
2	12P 160	6.000	8.60	97	80	2700	8.03	1480.0	40	300	4.00	50	350	5.00	60	400	6.00
3	12P160	6.000	8.60	97	80	2700	8.03										

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		

Personnel On Board		
Company	Pax	Comment
ANZON AUSTRALIA LIMITED	5	
DOGC	50	
HALLIBURTON AUSTRALIA PTY LTD - SPERRY SUN	6	
DOWELL SCHLUMBERGER	2	
GEOSERVICES OVERSEAS S.A.	6	
M-1 AUSTRALIA PTY LTD	4	2 x operators, 1 x trainee, 1 x shaker hand.
FUGRO SURVEY LTD	3	3 x Fugro ROV,
CAMERON AUSTRALIA PTY LTD	1	
ESS	8	
Total	85	

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Last BOP Test	01 Mar 2008			
Abandon Drill	29 Jan 2006	0 Days		
Fire Drill	29 Jan 2006	0 Days		
JSA	29 Jan 2006	0 Days	Drill crew=5, Deck=13,Mechanic=1	
Man Overboard Drill	22 Jan 2006	7 Days		
Safety Meeting	29 Jan 2006	0 Days	Weekly safety meetings with all crew members.	1300/1900/0030hrs
STOP Card	29 Jan 2006	0 Days	Safe= 4 Un-safe=2	

Shakers, Volumes and Losses Data						
Available	1,898bbl	Losses	254bbl	Equip.	Descr.	Mesh Size
Active	394.8bbl	Equipment	174bbl	Shaker1	VSM 100	4 x 120
Hole	805.2bbl	Desilter	80bbl	Shaker2	VSM 100	4 x 120
Reserve	698bbl			Shaker3	VSM 100	4 x 120
				Shaker4	BEM650	4 x 120

Marine

