

Daily Drilling Report

WELL NAME MADFISH-1							DATE 10-12-2008	
API # OH		24 HRS PROG 27.00 (m)		TMD 4,720.00 (m)		TVD 4,550.83 (m)		REPT NO 16
RIG NAME NO OCEAN PATRIOT		FIELD NAME MADFISH		AUTH TMD 4,795.00 (m)	PLANNED DOW 27.63 (days)	DOL 15.08 (days)	DFS / KO 13.46 (days)	WATER DEPTH 392.61 (m)
SPUD DATE 27-11-2008	Rig Release		WELL SUPERVISOR IVAN PARKHURST / KERRY PARKER			OIM ROD DOTSON		PBTMD
REGION AUSTRALIA		DISTRICT OFFSHORE		STATE / PROV VICTORIA		RIG PHONE NO (08) 9338 5640		RIG FAX NO
AFE # 094 08EF7		AFE COSTS			DAILY COSTS		CUMULATIVE COSTS	
DESCRIPTION: DEVIATED EXPLORATION WELL.		DHC: 29,143,786			DHC: 975,499		DHC: 17,058,371	
		DCC:			DCC:		DCC:	
		CWC:			CWC:		CWC:	
		Others:			Others:		Others:	
		TOTAL: 29,143,786			TOTAL: 975,499		TOTAL: 17,058,371	
DEFAULT DATUM / ELEVATION ROTARY TABLE / 21.50 (m)			LAST SAFETY MEETING 9/12/2008	BLOCK Vic-P59		FORMATION INTRA-GOLDEN BEACH		BHA HRS OF SERVICE 117.00
LAST SURVEY				LAST CSG SHOE TEST (EMW)		LAST CASING		NEXT CASING
MD	4,707.92 (m)	INC	22.24°	AZM	350.21°	1.64 (sg)	340.000 mm @ 1,546.3 m	

CURRENT OPERATIONS: POH with 216mm (8.5") BHA prior to rigging up for wireline logging at 568m.

24 HR SUMMARY: Drilled 216mm (8.5") directional hole from 4,693 to 4,720m (section TD), circulated hole clean, backreamed to 311mm (12.5") hole to 3337m, RIH to 4720m, circulated hole clean, POH on elevators to 3970m.

24 HR FORECAST: POH, L/D 216mm (8.5") directional BHA, R/U & M/U Logging suite # 1, (Grand Slam) RIH & log well.

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	2:00	2.00	P-DRL	DRLG	PP		Drilled 216mm (8.5") directional hole from 4,693 to 4,720m (section TD). Final ROP = 14 meters per hour. Final survey, 4707.92 MD, 22.24* Inc, 350.21* Az, 4566m TVD. 27 MT (60,000 lbs) maximum drag on connection.. Average drilling parameters: Mud weight= 1.15 sg (9.6 ppg), ROP= 13.5 meters per hour, WOB= 13.6 MT, (30,000 lbs): Flow=2,661 Lpm (703) gpm), Pressure=28,959 kPa (4,200 psi), RPM=180, Torque=29,920 Nm (34,000 ft/lbs), rotating weight 195 MT (430,000lbs), P/U weight 204 MT (450,000lbs), S/O weight =167MT (430,000lbs).
2:00	5:00	3.00	P-DRL	CIRC	PP		Pumped 7.9 m3 (50bbls) 1.56 sg (13.0 ppg) hi vis PHPG sweep & circulated hole clean with 2,661 Lpm (703) gpm), 28,959 kPa (4,200 psi), 180 RPM. Observed hi vis back at shakers on calculated strokes.Dumped same through sandtraps.
5:00	14:00	9.00	P-DRL	RMWASH	PP		Back reamed out of hole from 4720m to 311mm (12.25") hole at 3337m. Re-reamed intervals at 3903-3959, 3844-3874, 3700-3787, 3345-3398 meters. (Worked through tight spot at 3818m)
14:00	15:30	1.50	P-DRL	CIRC	PP		Pumped 7.9 m3 (50bbls) 1.56 sg (13.0 ppg) hi vis PHPG sweep & circulated hole clean with 3028 Lpm (800) gpm), 27,980 kPa (4,000 psi), 180 RPM. Observed hi vis back at shakers on calculated strokes.Dumped same through sandtraps.
15:30	18:30	3.00	P-DRL	TRIP	PP		RIH from 3337m to 4720m. (hole slick)
18:30	20:30	2.00	P-DRL	CIRC	PP		Pumped 7.9 m3 (50bbls) 1.56 sg (13.0 ppg) hi vis PHPG sweep & circulated hole clean with 2,661 Lpm (703) gpm), 28,959 kPa (4,200 psi), 180 RPM. Observed 2758 kPa (400 psi) guage pressure at surface increase when weighted pill out of drillstring. Observed weighted hi vis back at shakers on calculated strokes. Dumped same through sandtraps.
20:30	0:00	3.50	P-DRL	TRIP	PP		POH from 4720m to 3970m. No slug pumped, drillpipe dry, observed mud +/- 30m below rotary. Maximum drag 27MT, (60,000 lbs)

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 00:00-02:00 Continued to POH on elevators from 3970m to 311mm (12.25") hole at 3337m. Maximum drag 27MT, (60,000 lbs). Drillpipe wet at 3337m, pumped 3.9 m3, 1.39 sg (11.7ppg) slug.
02:00-04:30 Continued to POH from 3337m to shoe at 1546m. Hole slick.
04:30-06:00 Flow checked, continued POH at 578m.
HSE: No accidents, incidents or pollution reported.
Total Stop cards - 55 (14 unsafe, 41 safe) JSA-24, Permits-7

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BIT DATA

BIT / RUN	SIZE (mm)	MANUFACTURER	TYPE	SERIAL NO	JETS OR TFA	DEPTH IN / DATE IN	I-O-D-L-B-G-O-R
4 RR-1 / 1	216.0	SMITH	M716	JW 6405 RR1	7x13	3,718.00 / 07-12-2008	3-5-WT-A-X-I-CT-TD

BIT OPERATIONS

BIT / RUN	WOB	RPM	FLOW	PRESS	P BIT	HRS	24 Hr PROG	24 HR ROP	CUM HRS	CUM PROG	CUM ROP
4 RR-1/1	14/14	180/180	2,661.00	28,959	3658	2.00	27.00	13.5	42.50	1,002.00	23.6

LCM:		MUD PROPERTIES										MUD TYPE: KCL/POLYMER	
VIS (s/l)	PV/YP (cp) / (Pa)	GELS (Pa)	WL/HHP (ml/30 min)	FC/T.SOL (mm) / (%)	OIL/WAT (%)	% SAND/MBT (%) / (sg)	pH/Pm (mL)	Pf/Mf (mL)	Cl (ppm)	Ca (ppm)	H2S (%)	KCL (ppm)	LGS (%)
64	21/30	9/10	4/12	1/4		0	9.80	1.80/4.40	65,000	120		70,300	3
Density (sg)	1.16		ECD (sg)	1.26		PP		DAILY COST	6463	CUM COST	399,031	%OIL	2

BHA	5	JAR S/N	17602032	BHA / HOLE CONDITIONS				JAR HRS	117.00	BIT	4 RR-1
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BHA WT BELOW JARS	STRING WT UP	STRING WT DN	STRING WT ROT	TORQUE/UNITS	BHA LENGTH
32 (tonne)	204 (tonne)	167 (tonne)	195 (tonne)	29 (kN-m)	233.94 (m)

ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Heavy Weight Drill Pipe	17	46.82	127.00	79.38		
Hydraulic Jar	1	9.84	158.70	69.85		
Heavy Weight Drill Pipe	6	84.26	127.00	79.38		
Spiral Drill Collar	12	56.45	171.40	69.85		
Integral Blade Stabilizer	1	1.78	216.00	73.02		
Logging While Drilling	1	6.24	209.00	73.02		
MWD Tool	0	8.50	190.50	47.63		
Logging While Drilling	1	3.58	212.00	47.63		
Logging While Drilling	1	8.47	174.60	73.02		
Steerable Motor	1	7.66	209.00	47.63		
Polycrystalline Diamond Bit	1	0.34	216.00	73.02		

SURVEY

TYPE	MD (m)	DEG (°)	AZI (°)	TVD (m)	+N-S (m)	+E-W (m)	V.SECT (m)	D.L (°/30m)
NORMAL	4,707.92	22.24	350.21	4,539.65	908.93	-34.08	908.24	0.00

MUD PUMPS/HYDRAULICS

SPR

	STROKE	SPM	LINER	FLOW	SPP: 28,959 (kPa)	SPM	PPSR
# 1	304.80	55	152.40	890	HP: 0.443 (kW/cm²)		
# 2	304.80	55	152.40	890			
# 3	304.80	55	152.40	890			

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PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
SUBSEA 7	3		BHI	6	
	3			1	
	1		Baker Atlas	10	
	4			1	
Catering	8		KEMTECH	2	
Anadrill	5		APACHE	5	
VETCO	1			1	
BJ casing	1		Brandt	1	
DOWELL	2		DODI	52	

TOTAL PERSONNEL ON BOARD: 107

SUPPORT CRAFT

TYPE	REMARKS
S-76	2 x chopper, Pax in 8 Pax off 4.
FAR SKY	On Loc
FAR GRIP	On route to Geelong
SWISSCO 168	On Loc

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT	18	70	BENTONITE	MT		38
CEMENT	MT		41	DIESEL	m3		530
WATER, POTABLE	m3	28	372	WATER, DRILLING	m3	45	348

WEATHER

TIME	SWELL HT/DIR/PER	WAVE HT/DIR/PER	WIND SPEED/DIR	GUST SPEED/DIR	TEMP
23:00	/ /35.00/3	2.00/170.00/12	/	10.3/80.00	

DECKLOG

MAX VDL	ACT VDL	AVG VDL	LEG PEN (BOW)	LEG PEN (PORT)	LEG PEN (S BOARD)
2560	1916	1916			

SAFETY DRILLS

RAMS (kPa)	ANNULARS (kPa)	CASING	LAST BOP DRILL	NEXT BOP PRESS TEST	FIRE DRILL	H2S DRILL	MAN OVERBRD	ABND. DRILL
05-12-2008 / 34,475	05-12-2008 / 24,132	02-12-2008 / 86,187	02-12-2008	21-12-2008	30-11-2008			30-11-2008

INCIDENT REPORT

INCIDENTS TYPE NONE LOST TIME? NO INCIDENTS DESCRIPTION
No Incidents reported today.

ANCHOR TENSION DATA

ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION
1	151	2	143	3	166
4	179	5	171	6	202
7	199	8	182	9	
10		11		12	

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MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
BARITE (bulk)	1.00 MT	17.00	4,770.37	71.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	15.00
CIRCAL Y	25.00 kg		0.00	96.00
LIME	25.00 kg		0.00	77.00
POLYPLUS	25.00 kg	2.00	170.48	24.00
DRISPAC SL	50.00 lbs	8.00	977.52	40.00
BENTONITE	1.00 MT		0.00	38.00
SAFE-CIDE	25.00 l		0.00	20.00
FLOWZAN	25.00 kg	2.00	544.66	128.00
KWIKSEAL (M)	40.00 lbs		0.00	90.00
GUAR GUM	25.00 kg		0.00	0.00
NUT PLUG	50.00 lbs		0.00	28.00
DEFOAM A	5.00 gal		0.00	19.00
CITRIC ACID	25.00 kg		0.00	88.00
OMYACARB 10	25.00 kg		0.00	96.00
KWIKSEAL (F)	40.00 lbs		0.00	90.00
CIRCAL 60/16	25.00 kg		0.00	100.00
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	62.00
KCL BRINE (1.15SG)	1.00 bbl		0.00	200.00
CIRCAL 1000	25.00 kg		0.00	96.00
POLYSAI	25.00 kg		0.00	74.00
SOLTEX	50.00 lbs		0.00	159.00