

Daily Drilling Report

WELL NAME MADFISH-1							DATE 11-12-2008		
API # OH		24 HRS PROG 0.00 (m)		TMD 4,720.00 (m)		TVD 4,550.83 (m)		REPT NO 17	
RIG NAME NO OCEAN PATRIOT		FIELD NAME MADFISH		AUTH TMD 4,795.00 (m)	PLANNED DOW 27.63 (days)		DOL 16.08 (days)	DFS / KO 14.46 (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: 1,008,314		DHC: 18,066,685		
		DCC:			DCC:		DCC:		
		CWC:			CWC:		CWC:		
		Others:			Others:		Others:		
		TOTAL: 29,143,786			TOTAL: 1,008,314		TOTAL: 18,066,685		
DEFAULT DATUM / ELEVATION ROTARY TABLE / 21.50 (m)			LAST SAFETY MEETING 10/12/2008		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: Performing VSP logging checkshot at 2633m.

24 HR SUMMARY: POH from 3790m to surface, L/O 216mm (8.5") directional BHA, R/U for wire line logging, M/U "Grandslam" logging suite # 1, RIH to hold up depth of 4390m, logged up to casing shoe at 1546m, POH to surface, commenced to L/O toolstring.

24 HR FORECAST: Continue with logging programme.

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	1:30	1.50	P-DRL	TRIP	PP		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.
1:30	4:30	3.00	P-DRL	TRIP	PP		Continued to POH from 3337m to shoe at 1546m. Hole slick.
4:30	6:30	2.00	P-DRL	TRIP	PP		POH to BHA at 234m.
6:30	7:30	1.00	P-DRL	TRIPBHA	PP		POH to Schlumberger directional assembly at 35m.
7:30	9:30	2.00	P-DRL	TRIPBHA	PP		L/D directional BHA, B/O Bit # 4- RR-1, Bit Grade= 3-5-WT--A-X-I-CT-TD.
9:30	10:30	1.00	PL-EVAL	LOG	PP		Rigged up Baker Atlas wire line logging equipment on motion compensator.
10:30	12:30	2.00	P-EVAL	LOG	PP		Made up "Grand Slam" logging suite # 1, log # 1. MLL-DLL-XMAC-ZDL-CN-GR-SP-Jar-MRCH. (Total toolstring weight = 3,376 Lbs) Total length = 56 meters.
12:30	15:30	3.00	P-EVAL	LOG	PP		RIH to 4390m, encountered 0.5MT (1000) resistance. (Recorded P/U weights on RIH).
15:30	22:30	7.00	P-EVAL	LOG	PP		Picked up to 5.44MT (12,000Lbs) tension jars fired, line tension reduced to 4.5MT (10,000Lbs). Commenced to log up at 7 meters per minute to 4256m, encountered line pull at 5.35MT (11,800 Lbs) jars fired, tension reduced to 4.4MT (9,900 Lbs). Continued to log well up at 7 meters per minute to shoe at 340mm (13 3/8")shoe at 1546m.
22:30	23:30	1.00	P-EVAL	LOG	PP		POH to 56 meters.
23:30	0:00	0.50	P-EVAL	LOG	PP		Commenced to L/O tool string, removed R/A sources.

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 00:00-01:30 Continued to lay out "Grand Slam" logging suite # 1, log # 1. MLL-DLL-XMAC-ZDL-CN-GR-SP-Jar-MRCH.
 01:30-02:30 Made up and RIH Tool String #2 - VSP. Lowered guns into water and conducted soft start operations.
 Note: Tool string length=30.8m. Tool string weight = 32 Kg (70 lbs)
 Whale watchers in place.
 02:30- 03:00 Surface tested tools. (OK)
 03:00- 04:00 RIH, Performed check shot at 500m (Noise interference) Continued to RIH to 1000m, Performed check shot (noise interference)
 04:00- 05:30 Continued to RIH to 1600m (in open Hole) Performed check shot (noise interference). Changed from rig power supply to generator power, Continued to RIH to 2380m, performed check shot. (Better signal received).
 05:30- 06:00 Continued to RIH to 2633m checking formation tops (2 checks completed at 06:00).

HSE: No accidents, incidents or pollution reported.
 Total Stop cards - 77 (17 unsafe, 25 safe) JSA-24, Permits-13.

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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, 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	44.50	1,029.00	23.1

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 (%)
67	21/32	9/10	4/12	1/4		0	9.80	1.80/4.40	65,000	120		70,300	3
Density (sg)	1.15		ECD (sg)	1.26		PP		DAILY COST	0	CUM COST	399,031	%OIL	2

BHA	5	JAR S/N	17602032	BHA / HOLE CONDITIONS				JAR HRS	117.00	BIT	4 RR-1
BHA WT BELOW JARS		STRING WT UP		STRING WT DN		STRING WT ROT		TORQUE/UNITS		BHA LENGTH	
(tonne)		(tonne)		(tonne)		(tonne)		(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		

MUD PUMPS/HYDRAULICS					SPR		
STROKE	SPM	LINER	FLOW	SPP: 28,959 (kPa) HP: 0.443 (kW/cm²)	SPM		PPSR
# 1	304.80	60	152.40				
# 2	304.80		0				
# 3	304.80		0				

PERSONNEL DATA

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

TOTAL PERSONNEL ON BOARD: 103

SUPPORT CRAFT

TYPE	REMARKS
S-76	2 x chopper, Pax in 8 Pax off 4.

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SUPPORT CRAFT

TYPE	REMARKS
FAR SKY	On Loc
FAR GRIP	On route to Patriot
SWISSCO 168	On Loc

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT	0	71	BENTONITE	MT		38
CEMENT	MT		78	DIESEL	m3		513
WATER, POTABLE	m3	30	373	WATER, DRILLING	m3	60	288

WEATHER

TIME	SWELL HT/DIR/PER	WAVE HT/DIR/PER	WIND SPEED/DIR	GUST SPEED/DIR	TEMP
00:00	/ /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	1865	1865			

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

ANCHOR TENSION DATA

ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION
1	175	2	178	3	187
4	199	5	151	6	175
7	157	8	158	9	
10		11		12	

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MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
POLYPLUS	25.00 kg		0.00	24.00
GUAR GUM	25.00 kg		0.00	0.00
BARITE (bulk)	1.00 MT		0.00	71.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	15.00
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	62.00
DRISPAC SL	50.00 lbs		0.00	40.00
CIRCAL 1000	25.00 kg		0.00	96.00
KCL BRINE (1.15SG)	1.00 bbl		0.00	18.00
CIRCAL Y	25.00 kg		0.00	96.00
POLYSAI	25.00 kg		0.00	74.00
KWIKSEAL (M)	40.00 lbs		0.00	90.00
KWIKSEAL (F)	40.00 lbs		0.00	90.00
OMYACARB 10	25.00 kg		0.00	96.00
CITRIC ACID	25.00 kg		0.00	88.00
FLOWZAN	25.00 kg		0.00	128.00
LIME	25.00 kg		0.00	77.00
BENTONITE	1.00 MT		0.00	38.00
NUT PLUG	50.00 lbs		0.00	28.00
DEFOAM A	5.00 gal		0.00	19.00
CIRCAL 60/16	25.00 kg		0.00	100.00
SOLTEX	50.00 lbs		0.00	159.00
SAFE-CIDE	25.00 l		0.00	20.00