

Daily Drilling Report

WELL NAME MADFISH-1							DATE 04-12-2008	
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API # OH		24 HRS PROG 889.00 (m)		TMD 3,337.00 (m)		TVD 3,303.75 (m)		REPT NO 10	
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RIG NAME NO OCEAN PATRIOT		FIELD NAME MADFISH		AUTH TMD 4,795.00 (m)		PLANNED DOW 27.63 (days)		DOL 9.08 (days)		DFS / KO 7.46 (days)		WATER DEPTH 392.61 (m)	
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SPUD DATE 27-11-2008		Rig Release		WELL SUPERVISOR IVAN PARKHURST / KERRY PARKER				OIM ROD DOTSON				PBTMD	
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REGION AUSTRALIA				DISTRICT OFFSHORE				STATE / PROV VICTORIA				RIG PHONE NO (08) 9338 5640		RIG FAX NO	
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AFE # 094 08EF7				AFE COSTS				DAILY COSTS				CUMULATIVE COSTS			
DESCRIPTION: DEVIATED EXPLORATION WELL.				DHC: 29,143,786				DHC: 986,505				DHC: 10,848,916			
				DCC:				DCC:				DCC:			
				CWC:				CWC:				CWC:			
				Others:				Others:				Others:			
				TOTAL: 29,143,786				TOTAL: 986,505				TOTAL: 10,848,916			

DEFAULT DATUM / ELEVATION ROTARY TABLE / 21.50 (m)				LAST SAFETY MEETING 3/12/2008		BLOCK Vic-P59				FORMATION				BHA HRS OF SERVICE	
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LAST SURVEY						LAST CSG SHOE TEST (EMW)			LAST CASING			NEXT CASING		
MD	3,321.40 (m)	INC	30.35°	AZM	355.39°	1.64 (sg)								

CURRENT OPERATIONS: Pulling out of 311mm (12-1/4") hole at 2880m for BHA change.

24 HR SUMMARY: Drilled 311mm (12-1/4") hole from 2,448m to 3,337m, (KOP 2788m), ROP ceased, pumped hi vis pill, commenced to CBU.

24 HR FORECAST: Continue to circ to clean hole, POH to surface, L/D 311mm lower 311mm (12-1/4") directional BHA, M/U 216mm (8.5) directional BHA, RIH, shallow test BHA, P/U New (range 3) drillpipe, service TDS, RIH to 3337m, drill ahead.

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	23:00	23.00	P-DRL	DRLG	PP		Drilled 311mm (12-1/4") hole from 2,448m to 3,337m . No hole problems occurred. Average drilling parameters: Average ROP= 39 metres/ hr, WOB = 14 MT, (30,000 lbs): Flow=3,482 lpm (920) gpm), Pressure=29,648 Kpa (4300 psi), RPM=180, Torque=34,000 Nm (25000 ft/lbs) , rotating weight 174MT (385,000lbs), P/U weight 185 MT (340,000lbs), S/O weight =167MT (370,000lbs). Note 07:55 hrs "Schlumberger" Initiated kick off at 2788m. Note: Boosting riser on connections. Pumped through choke & kill line every 12 hours. Note: Sonic tool failed to work from commencement of drilling. Note: Schlumberger UPS not working (on rig power). Note: BHI chromatograph not functional. Note: Commenced offloading 311mm casing to rig, 171 joints in total, operations ceased due to rig being at maximum KG limitations.
23:00	0:00	1.00	P-DRL				Pumped 7.9 m3 (50bbls) hi-vis, commenced to circulate hole clean with Flow=3,482 lpm (920) gpm), Pressure=29,648 Kpa (4300 psi), RPM=180 whilst reciprocating drillpipe.

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 00:00- 01:00 Circulated hi vis sweep out of hole (full circulation plus 15%), No verification at surface of hi vis at shakers (Mud clean).
01:00- 02:00 Flow checked (OK), pumped slug, POH from 3337m to 3232m (3.5 stands), Hole drag gradually increased from 3307m to 3232m to 27 MT (60,000lbs), worked through tight spots.
02:00-05:00 Backreamed out of hole from 3232m to 2945m with 180 RPM, 3407 Lpm (900Gpm), 28269 kPa (4100psi).
05:00-06:00 Difficulty establishing rotation after two connections from 2945 to 2880m, backreamed out of hole at reduced speed, worked twice through slip area.
06:00- Continued to POH on elevators from 2880m

HSE: No accidents, incidents or pollution reported.
Total Stop cards - 79 (31 unsafe, 48 safe). JSA-26- Permits-11

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
3 / 1	311.0	HUGHES CHRISTENSEN	DP 605	7015729	7x14	1,551.00 / 01-12-2008	-----

BIT OPERATIONS

BIT / RUN	WOB	RPM	FLOW	PRESS	P BIT	HRS	24 Hr PROG	24 HR ROP	CUM HRS	CUM PROG	CUM ROP
3/1	14/1418	180/180	3,482.00	29,648	4656	23.50	889.00	37.8	48.00	1,786.00	37.2

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LCM:	MUD PROPERTIES										MUD TYPE: KCL/POLYMER			
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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 (%)
62	18/31	9/10	4/13	1		0							3

Density (sg)	1.15			PP	DAILY COST	79,605	CUM COST	331,362	%OIL	2
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BHA	3	JAR S/N	17602032	BHA / HOLE CONDITIONS				JAR HRS		BIT	3
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BHA WT BELOW JARS	STRING WT UP	STRING WT DN	STRING WT ROT	TORQUE/UNITS	BHA LENGTH
32 (tonne)	185 (tonne)	167 (tonne)	174 (tonne)	34 (kN-m)	382.19 (m)

ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Heavy Weight Drill Pipe	17	159.24	127.00	79.38		
Hydraulic Jar	1	9.84	158.70	69.85		
Heavy Weight Drill Pipe	6	56.18	127.00	79.38		
Cross Over	0	1.07				
Spiral Drill Collar	8	111.00	171.40	69.85		
MWD Tool	1	40.24	171.40	73.02		
Steerable Motor	1	4.21	300.00	76.20		
Polycrystalline Diamond Bit	1	0.41	311.15	69.85		

SURVEY

TYPE	MD (m)	DEG (°)	AZI (°)	TVD (m)	+N/-S (m)	+E/-W (m)	V.SECT (m)	D.L (°/30m)
NORMAL	2,604.75	0.20	3.85	2,604.71	2.08	-0.10	2.07	0.07
NORMAL	2,634.30	0.03	95.44	2,634.26	2.13	-0.09	2.12	0.21
NORMAL	2,664.67	0.09	241.80	2,664.63	2.11	-0.10	2.11	0.11
NORMAL	2,722.38	0.12	225.48	2,722.34	2.05	-0.19	2.05	0.02
NORMAL	2,750.49	0.04	78.42	2,750.45	2.03	-0.20	2.03	0.17
NORMAL	2,777.20	0.08	82.91	2,777.16	2.04	-0.17	2.03	0.05
NORMAL	2,805.14	1.52	30.51	2,805.10	2.36	0.04	2.36	1.58
NORMAL	2,842.31	3.61	41.64	2,842.23	3.66	1.07	3.67	1.73
NORMAL	2,864.24	5.27	40.98	2,864.09	4.93	2.19	4.97	2.27
NORMAL	2,895.59	7.37	42.23	2,895.25	7.51	4.48	7.58	2.01
NORMAL	2,918.01	9.18	43.56	2,917.44	9.87	6.68	9.98	2.44
NORMAL	2,938.81	11.10	44.08	2,937.91	12.51	9.22	12.66	2.77
NORMAL	2,981.48	13.24	40.84	2,979.62	19.16	15.27	19.41	1.58
NORMAL	3,011.28	14.88	39.54	3,008.53	24.69	19.94	25.02	1.68
NORMAL	3,040.13	16.71	37.21	3,036.29	30.85	24.81	31.26	2.01
NORMAL	3,069.44	19.12	31.35	3,064.18	38.31	29.85	38.80	3.08
NORMAL	3,098.31	20.89	26.70	3,091.30	46.95	34.63	47.52	2.47
NORMAL	3,126.01	22.89	23.46	3,117.01	56.30	38.99	56.94	2.53
NORMAL	3,153.86	24.74	19.15	3,142.49	66.78	43.06	67.48	2.73
NORMAL	3,185.97	26.45	14.14	3,171.45	80.06	47.01	80.83	2.58
NORMAL	3,214.73	27.65	10.30	3,197.06	92.84	49.77	93.65	2.21
NORMAL	3,240.34	28.55	6.36	3,219.66	104.77	51.51	105.61	2.42
NORMAL	3,271.64	29.22	1.69	3,247.07	119.84	52.56	120.70	2.25
NORMAL	3,300.27	29.72	357.56	3,271.99	133.92	52.47	134.77	2.19
NORMAL	3,321.40	30.35	355.39	3,290.29	144.47	51.82	145.31	1.78

MUD PUMPS/HYDRAULICS

SPR

	STROKE	SPM	LINER	FLOW	SPP: 29,648 (kPa)	SPM	PPSR
# 1	304.80	71	152.40	1149	HP: 0.356 (kW/cm ²)		
# 2	304.80	71	152.40	1149			
# 3	304.80	71	152.40	1149			

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PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
BHI	4		BJ casing	3	
AWt well tester	6		Weatherford.	1	
APACHE	1		Catering	8	
Anadrill (1 trainee)	5		KEMTECH	2	
	6		DODI	56	
Baker Atlas	3		Brandt	1	
DOWELL	3		VETCO	1	
SUBSEA 7	2			1	
	3			1	

TOTAL PERSONNEL ON BOARD: 107

SUPPORT CRAFT

TYPE	REMARKS
NOR CAPTAIN	On Loc
S-76	1 x chopper- 9 pax on , 8 pax off. Night landings in operation.
FAR SKY	On Loc
FAR GRIP	On Loc
SWISSCO 168	On Loc

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT		95	BENTONITE	MT		38
CEMENT	MT		41	DIESEL	m3		438
WATER, POTABLE	m3		308	WATER, DRILLING	m3		595

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	2122	2122			

SAFETY DRILLS

RAMS (kPa)	ANNULARS (kPa)	CASING	LAST BOP DRILL	NEXT BOP PRESS TEST	FIRE DRILL	H2S DRILL	MAN OVERBRD	ABND. DRILL
30-11-2008 / 34,475	30-11-2008 / 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	166	2	153	3	167
4	196	5	181	6	181
7	190	8	191	9	
10		11		12	

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MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
CIRCAL Y	25.00 kg		0.00	96.00
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	62.00
CIRCAL 60/16	25.00 kg	76.00	1,344.44	242.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	15.00
FLOWZAN	25.00 kg	30.00	8,169.90	140.00
SOLTEX	50.00 lbs	60.00	5,320.20	255.00
BENTONITE	1.00 MT		0.00	38.00
CIRCAL 1000	25.00 kg		0.00	96.00
CITRIC ACID	25.00 kg		0.00	88.00
POLYSAI	25.00 kg		0.00	90.00
KWIKSEAL (F)	40.00 lbs		0.00	90.00
NUT PLUG	50.00 lbs		0.00	28.00
DEFOAM A	5.00 gal	1.00	94.50	22.00
SAFE-CIDE	25.00 l	1.00	100.69	29.00
DRISPAC SL	50.00 lbs	53.00	6,476.07	160.00
KWIKSEAL (M)	40.00 lbs		0.00	90.00
KCL BRINE (1.15SG)	1.00 bbl	592.00	58,098.88	-592.00
BARITE (bulk)	1.00 MT		0.00	96.00
LIME	25.00 kg		0.00	77.00
OMYACARB 10	25.00 kg		0.00	96.00
GUAR GUM	25.00 kg		0.00	0.00