**Daily Drilling Report** 

WELL NAME																DAT	Έ
MADFISH-1																05-	12-2008
API#		24 HR	S PRO	G		TMD					TVI	D				REF	T NO
ОН		0.00 (r	m)			3,337.	.00 (m)				3,2	250.85 (m)				11	
RIG NAME NO		F	FIELD NA	AME			AUT	'H TMD		PLANNED	DO DO	OW .	DOL		DFS / KO		WATER DEPTH
OCEAN PATRIOT		N	MADFISI	Н			4,79	95.00 (m)		27.63 (day	ys)	[	10.08 (days	)	8.46 (days	s)	392.61 (m)
SPUD DATE Ri	ig Release		WEL	L SUPER	VISOR		•		•			OIM		•			PBTMD
27-11-2008			IVAN	N PARKH	URST / KERR	Y PARK	KER					ROD DOTS	ON				
REGION			DIST	RICT				STATE / F	PROV					RIG PH	ONE NO		RIG FAX NO
AUSTRALIA			OFF	OFFSHORE				VICTORIA				(08) 9338 5640			38 5640		
AFE # 094 08EF7			-	AFE COS	rs			[	DAILY CO	OSTS				СПМП	LATIVE CO	STS	
DESCRIPTION:				DHC:	29,143,786				DHC:	928,420				DHC:	11,777	,336	
DEVIATED EXPLORA	ATION WELL			DCC:					DCC:					DCC:			
			c	CWC:				c	CWC:					cwc:			
			c	Others:				c	Others:					Others	:		
			т	OTAL:	29,143,786			Т	ΓΟΤΑL:	928,420				TOTAL	.: 11,777	,336	
DEFAULT DATUM / ELEVATION LAST SAFETY MEETING					ING	BLOCK				- 1	FORMATION				ВН	A HRS OF SERVICE	
ROTARY TABLE / 21.50 (m) 5/12/2008						Vic-P59				П	NTRA-GOL	DEN BEACH					
LAST SURVEY						LA	ST CSG S	HOE TEST	(EMW)	LAST	CAS	SING		NE	XT CASIN	G	
<b>MD</b> 0.00 (m)	) IN	IC 0.0	00°	A	<b>ZM</b> 0.00°	1.6	64 (sg)										

CURRENT OPERATIONS: Servicing TDS at 1523m.

24 HR SUMMARY: Circulated hole clean, POH from 3337m, hole tight from 3232m, backreamed OOH to 2880m, L/O 311mm (12 14") BHA, M/U & shallow tested 216mm (

8.5") directional BHA, RIH to 348m.

24 HR FORECAST: Continue to RIH to Shoe picking up range 3 (14m lengths) drillpipe, service TDS, cut & slip drilling line, RIH to 3337m, Directionally drill 216mm (8.5) to

## **OPERATION SUMMARY**

From	То	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY			
0:00	1:00	1.00	P-DRL	CIRC	PP	Circulated hi vis sweep out of hole (full circulation plus 15%), No verification at surface of hi vis at shakers (Mud clean).				
1:00	2:00	1.00	P-DRL	TRIP	PP	Flow checked (OK), pumped slug, POH from 3337m to 3232m (3.5 stands), Hole drag gradually increased from 3307m - 3232m to 27 MT (60,000lbs), worked through tight spots.				
2:00	5:00	3.00	P-DRL	RMWASH	PP Backreamed out of hole from 3232m to 2945m with 180 RPM, 3407 Lpm (900Gpm), 28269 kPa (4100psi).					
5:00	6:00	1.00	P-DRL	RMWASH	PP	PP Difficulty establishing rotation on two connections from 2945 to 2880m, backreamed out of hole at reduced speed, worked twice through slip area.				
6:00	11:30	5.50	P-DRL	TRIP	PP		Continued to POH on elevators from 2880m to 340mm (13 3/8") shoe at 1546m working through various tight spots, maximum overpull 27 MT ( 60,000lbs) Flow checked at shoe (OK)			
11:30	15:00	3.50	P-DRL	TRIP	PP		Continued to POH from 1546m to 382m. flow checked well at BOP.			
15:00	16:00	1.00	P-DRL	TRIPBHA	PP	PP POH from 382m to BHA at 156m.				
16:00	16:30	0.50	P-DRL	TRIPBHA	PP		POH from 156m to directional BHA at 45m.			
16:30	20:00	3.50	P-DRL	MWD_LWD	PP		Removed R/A source, L/D all directional BHA. Downloaded all available data offline on deck, (currently ongoing).  Note: Noticed damage to Sonic data protective shield on MWD. Shield left in hole in pieces.  Bit # 3 grading at 4-4-BT-A-X- In -RO-PR.			
20:00	23:00	3.00	P-DRL	MWD_LWD	PP		M/U 8.5"BHA, (Bit, Xceed 675, Ecoscope w/- stab, GVR, sonic vision 675, string stab,12 x172mm (6 3/4") DC, 1x stand HWDP.) Loaded R/A source in MWD.			
23:00	23:30	0.50	P-DRL	MWD_LWD	PP		Shallow tested MWD/BHA at 160m with 1892 Lpm (500 Gpm), 6757 kPa ( 980 psi). Good test.  Note: Maximum allowable flow rate =2592 Lpm, 780 Gpm.			
23:30	0:00	0.50	P-DRL	ТПРВНА			Continued to RIH with BHA to 348m.  NOTE: Transferred 33 lifts from Nor Captain to Far Sky using both cranes with vessels on Port and starboard sides so Nor Captain could proceed to Geelong for berthing.  Equipment unable to come on rig due to stability issues. ie: KG factor (rig centre of gravity).			

#### **APACHE CORPORATION** Page 2 of 4 **Daily Drilling Report** WELL NAME DATE MADFISH-1 05-12-2008 24 HRS PROG TMD REPT NO API# TVD OH 0.00(m)3,337.00 (m) 3,250.85 (m) 11 **06:00 UPDATE** 0000-0600 00:00-01:00 RIH from 348 m to 514m picking up 10 joints of Range 3 drillpipe (14m). 01:00-03:30 RIH from 514m to 1523m filling pipe every 20 stands. 03:30-05:30 Held JSA, Cut and slipped 28m drilling line. 05:30 06:00 Serviced TDS. HSE: No accidents, incidents or pollution reported. Total Stop cards - 84 (30 unsafe, 54 safe). JSA-26- Permits-11 **BIT DATA** BIT / RUN SIZE MANUFACTURER SERIAL JETS OR TFA DEPTH IN / DATE IN I-O-D-L-B-G-O-R NO (mm) 3/1 311.0 **HUGHES CHRISTENSEN** DP 605 7015729 7x14 1,551.00 / 01-12-2008 4-4-BT-A-X-I-RO-PR 4/1 216.0 SMITH M716 JW 6405 7x13 3,337.00 / 05-12-2008 0-0-ER-C-X-I-NO-DTF **BIT OPERATIONS** BIT / RUN WOB **RPM FLOW PRESS** P BIT HRS 24 Hr PROG 24 HR ROP **CUM HRS CUM PROG CUM ROP** 180/180 4656 3/1 0/0 3,482.00 29,648 0.00 0.00 0.0 48.00 1,786.00 37.2 **MUD PROPERTIES** LCM: MUD TYPE: KCL/POLYMER VIS PV/YP GELS WL/HTHP FC/T.SOL OIL/WAT % SAND/MBT pH/Pm Pf/Mf CI Ca H2S KCL LGS (ml/30 min ) (mm)/(%) (% )/(sg ) (%) (%) (s/l) (cp)/(Pa) (Pa) (%) (mL) (mL) (ppm) (ppm) (ppm) 56 18/29 9/10 4/12 3 DAILY COST 1 15 PP 6065 CUM COST 337 426 %OII Density (sg) 2 JAR S/N 17602032 JAR HRS 68.00 4 BHA 4 **BHA / HOLE CONDITIONS** STRING WT ROT **BHA WT BELOW JARS** STRING WT UP STRING WT DN TORQUE/UNITS **BHA LENGTH** (tonne) (tonne) (tonne) (tonne) (kN-m) 348.50 (m) ITEM DESCRIPTION NO JTS LENGTH CONN SIZE CONN TYPE O.D I.D Heavy Weight Drill Pipe 17 46.82 127.00 79.38 9.84 Hydraulic Jar 1 158.70 69.85 Heavy Weight Drill Pipe 6 140.52 127.00 79.38 Spiral Drill Collar 12 112.92 171.40 69.85 Integral Blade Stabilizer 1.78 215.00 73.02 MWD Tool 0 8 57 187 00 47 63 1 Logging While Drilling 3 56 203 00 47 63 MWD Tool 1 8.49 169.00 73.02 209.00 Logging While Drilling 1 8.00 73.02 Steerable Motor 1 7.66 209.00 47.63 Polycrystalline Diamond Bit 1 0.34 216.00 73.02 **SURVEY** TYPE MD DEG AZI TVD +N/-S +E/-W V.SECT D.L (m) (°) (m) (m) (m) (m) (°/30m) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Tie On NORMAL 3,321.40 30.35 355.39 3,237.37 471.30 -36.35 467.94 0.50 MUD PUMPS/HYDRAULICS SPR STROKE SPM LINER **FLOW** SPM **PPSR** SPP: 29,648 (kPa) 152.40 304.80 70 1133 #2 304.80 70 152.40 1133 #3 304.80 70 152.40 1133 HP: 0.356 (kW/cm²)

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### **APACHE CORPORATION** Page 3 of 4 **Daily Drilling Report** WELL NAME DATE MADFISH-1 05-12-2008 24 HRS PROG TMD REPT NO API# TVD OH 0.00 (m) 3,337.00 (m) 3,250.85 (m) 11 PERSONNEL DATA COMPANY COMPANY HRS QTY QTY HRS SUBSEA 7 4 VETCO APACHE 5 **DOWELL** Anadrill (1 trainee) 6 KEMTECH 2 Brandt BJ casing 3 DODI 57 BHI 3 Weatherford. Baker Atlas Catering **TOTAL PERSONNEL ON BOARD: 108** SUPPORT CRAFT REMARKS TYPE NOR CAPTAIN On Loc S-76 Pax on 3, Pax off 3 FAR SKY On Loc In Geelong FAR GRIP SWISSCO 168 On Loc MATERIALS/CONSUMPTION ITEM UNITS USAGE ON HAND ITEM UNITS USAGE ON HAND BARITE BULK МТ 95 **BENTONITE** MT 38 CEMENT MT 41 DIESEL 422 m3 WATER, POTABLE m3 25 315 WATER, DRILLING m3 54 541 **WEATHER** WIND SPEED/DIR **GUST SPEED/DIR** TEMP TIME SWFII WAVE HT/DIR/PER HT/DIR/PER 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 2520 2560 SAFETY DRILLS RAMS **ANNULARS** CASING LAST BOP NEXT BOP FIRE **H2S DRILL** MAN ABND. OVERBRD PRESS TEST DRILL (kPa) (kPa) DRILL 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** 166 2 153 3 167 195 5 181 6 180 7 192 9 8 191 10 11 12

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 MADFISH-1
 05-12-2008

 API #
 24 HRS PROG
 TMD
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OH 0.00 (m) 3,337.00 (m) 3,250.85 (m) 11

## MUD INVENTORY

MUD INVENTORY									
ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND					
FLOWZAN	25.00 kg		0.00	140.00					
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	62.00					
KCL BRINE (1.15SG)	1.00 bbl		0.00	-592.00					
POLYSAI	25.00 kg	16.00	566.08	74.00					
CIRCAL Y	25.00 kg		0.00	96.00					
DEFOAM A	5.00 gal		0.00	22.00					
CIRCAL 1000	25.00 kg		0.00	96.00					
SOLTEX	50.00 lbs		0.00	255.00					
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	15.00					
LIME	25.00 kg		0.00	77.00					
BARITE (bulk)	1.00 MT		0.00	96.00					
BENTONITE	1.00 MT		0.00	38.00					
DRISPAC SL	50.00 lbs	45.00	5,498.55	115.00					
NUT PLUG	50.00 lbs		0.00	28.00					
OMYACARB 10	25.00 kg		0.00	96.00					
KWIKSEAL (F)	40.00 lbs		0.00	90.00					
SAFE-CIDE	25.00		0.00	29.00					
KWIKSEAL (M)	40.00 lbs		0.00	90.00					
CIRCAL 60/16	25.00 kg		0.00	242.00					
CITRIC ACID	25.00 kg		0.00	88.00					
GUAR GUM	25.00 kg		0.00	0.00					

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