## APACHE CORPORATION

**Daily Drilling Report** 

Page 1 of 4

MADF	AME													DATI	
	ISH-1													-	2-2008
API #			24 HR	RS PROG	TN	ID			יד	VD				REP	ΓΝΟ
ОН			3.00 (	m)	1,5	54.00 (m)			1,	554.00 (m	)			8	
RIG NAME				FIELD NAME			UTH TMD		INED D		DOL		DFS / KO		WATER DEPTH
OCEAN P				MADFISH		4	,795.00 (m)	27.63	(days)		7.08 (days)		5.46 (days	5)	392.61 (m)
SPUD DA		Rig Relea	se	WELL SUPERVIS		_									PBTMD
27-11-200	08			PAT BROWN / K	ERRY PARKE	R				ROD DOT	SON				
REGION				DISTRICT OFFSHORE			STATE / PR	ov			ŗ				RIG FAX NO
AUSTRAL							VICTORIA					(08) 933			
AFE # 09					29,143,786			ILY COSTS C: 929,	602				ATIVE CO: 8,618,6		
DEVIATE		RATION W	ELL.	DHC: 2 DCC:	29,143,700		DH		092			DHC: DCC:	0,010,0	000	
				CWC:			CW					CWC:			
				Others:			Oth	ners:				Others	:		
					29,143,786		-	TAL: 929,	692			TOTAL	: 8,618,6	_	
		ELEVATIO	ON		ETY MEETING					FORMATIO	N				HRS OF SERV
	TABLE / :	21.50 (m)		2/12/2008		Vic-P								4.0	0
LAST SUF							SHOE TEST (E	EMW) LA	ST CA	SING		NE	XT CASING	3	
MD	1,551	.00 (m)	<b>INC</b> 0.	.00° AZM	0.00°	1.64 (sg)									
24 HR FOI	RECAST:	•		, drilled out shoe track ") hole ahead.											
From	То	HRS	Phase	Operation	PT/NPT	NPT COD	ES			A	CTIVITY SUM	MARY			
0:00	1:00	1.00	P-DRL	TRIPBHA	PP		Held JSA, L	oaded R/A	source	in SADN.					
1:00	1:30	0.50	P-DRL	TRIPBHA	PP										
							Continued t	o RIH with 3	11mm	(12.25") BH	A from 44m to	157m.			
1:30	2:00	0.50	P-DRL	TRIPBHA	PN	LE	Shallow tes	ted MWD in	stages	to 3875 Lp	A from 44m to n ( 1000 Gpm) nmed MWD in	). Zero s	ignal detect	ed.	
	2:00 3:30	0.50	P-DRL P-DRL	TRIPBHA		LE	Shallow tes NOTE: "Fou	ted MWD in	stages incorre	to 3875 Lpi ct unprogram	m(1000 Gpm) nmed MWD in	). Zero s	ignal detect	ed.	
1:30					PN		Shallow tes NOTE: "Fou POH from 1	ted MWD in und to have i 85m to 44m	stages incorre . Remo	to 3875 Lpi ct unprogram oved R/A so	m(1000 Gpm) nmed MWD in	). Zero si Hole''.	-		
1:30 2:00 3:30 4:30	3:30 4:30 5:00	1.50 1.00 0.50	P-DRL P-DRL	ТПРВНА ТПРВНА ТПРВНА	PN PN PN PN	LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m	ted MWD in und to have i 85m to 44m to POH from	stages incorre . Remo 44m to	to 3875 Lpi ct unprogram oved R/A so	m ( 1000 Gpm) nmed MWD in urce.	). Zero si Hole''.	-		
1:30 2:00 3:30 4:30 5:00	3:30 4:30 5:00 5:30	1.50 1.00 0.50 0.50	P-DRL P-DRL P-DRL P-DRL	TRIPBHA TRIPBHA TRIPBHA TRIPBHA	PN PN PN PN PN	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A	ted MWD in und to have i 185m to 44m to POH from	stages incorre . Remo 44m to ADN.	s to 3875 Lpi ct unprogram oved R/A so o 24m. L/D N	n ( 1000 Gpm) nmed MWD in urce. /WD telescope	). Zero si Hole''.	-		
1:30 2:00 3:30 4:30 5:00 5:30	3:30 4:30 5:00 5:30 6:00	1.50 1.00 0.50 0.50 0.50	P-DRL P-DRL P-DRL P-DRL P-DRL	TRIPBHA TRIPBHA TRIPBHA TRIPBHA TRIPBHA	PN PN PN PN PN PN	LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31	ted MWD in und to have i 185m to 44m o POH from A source in S 1mm (12.25	stages incorre 44m to ADN. ") BHA	to 3875 Lpi ct unprograr oved R/A so o 24m. L/D M	n ( 1000 Gpm) nmed MWD in urce. /IWD telescope o 157m.	). Zero si Hole". e and P/I	J correct M	WD	
1:30 2:00 3:30 4:30 5:00 5:30 6:00	3:30 4:30 5:00 5:30 6:00 6:30	1.50 1.00 0.50 0.50 0.50 0.50	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	<ul> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> </ul>	PN PN PN PN PN PN PP	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31 Shallow tes	ted MWD in und to have i 185m to 44m o POH from A source in S 1mm (12.25 ted MWD at	stages incorre 44m to ADN. ) BHA 3785 I	to 3875 Lpi ct unprogram oved R/A so o 24m. L/D M from 44m to pm (1000 gr	n ( 1000 Gpm) nmed MWD in urce. /WD telescope o 157m. om), 11MPa (1)	). Zero si Hole". e and P/I	J correct M	WD	К.
1:30 2:00 3:30 4:30 5:00 5:30 6:00 6:30	3:30 4:30 5:00 5:30 6:00 6:30 7:00	1.50 1.00 0.50 0.50 0.50 0.50 0.50	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	<ul> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> </ul>	PN PN PN PN PN PN PP PP	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31 Shallow tes Continued t	ted MWD in und to have i 185m to 44m o POH from Source in S 1mm (12.25 ted MWD at to RIH with 1	stages incorre 44m to ADN. ) BHA 3785 I 27mm	to 3875 Lpi ct unprogram oved R/A so o 24m. L/D N . from 44m to pm (1000 gp (5") HWDP	n ( 1000 Gpm) nmed MWD in urce. /WD telescope o 157m. om), 11MPa (1: to 382m.	). Zero si Hole". e and P/I 600 psi)	J correct M	WD ter - Ol	
1:30 2:00 3:30 4:30 5:00 5:30 6:00	3:30 4:30 5:00 5:30 6:00 6:30	1.50 1.00 0.50 0.50 0.50 0.50	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	<ul> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> <li>TRIPBHA</li> </ul>	PN PN PN PN PN PN PP	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31 Shallow tes Continued t	ted MWD in und to have i 185m to 44m o POH from Source in S 1mm (12.25 ted MWD at to RIH with 1	stages incorre 44m to ADN. ) BHA 3785 I 27mm	to 3875 Lpi ct unprogram oved R/A so o 24m. L/D N . from 44m to pm (1000 gp (5") HWDP	n ( 1000 Gpm) nmed MWD in urce. /WD telescope o 157m. om), 11MPa (1)	). Zero si Hole". e and P/I 600 psi)	J correct M	WD ter - Ol	
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1:30 2:00 3:30 4:30 5:00 5:30 6:00 6:30 7:00	3:30 4:30 5:00 5:30 6:00 6:30 7:00 7:30	1.50 1.00 0.50 0.50 0.50 0.50 0.50 0.50	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	TRIPBHA TRIPBHA TRIPBHA TRIPBHA TRIPBHA TRIPBHA TRIPBHA TRIPBHA	PN PN PN PN PN PP PP PP	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31 Shallow tes Continued t Installed Dir elevators. RIH 311mm Function tes toolpushers	ted MWD in und to have i 185m to 44m o POH from Source in S 1mm (12.25 ted MWD at o RIH with 1 verter Bag an h (12.25") BH sted BOP on	stages incorre I. Remo 44m to ADN. ") BHA 3785 I 27mm nd cha HA picl 127m ue pod	to 3875 Lpi ct unprogram oved R/A so o 24m. L/D N from 44m to pm (1000 gp (5") HWDP nge from au king up 115 m (5") drill p	n ( 1000 Gpm) nmed MWD in urce. /WD telescope o 157m. om), 11MPa (1 to 382m. to elevators to	). Zero si Hole". e and P/l 600 psi) manual (5") drill   or on ye	J correct M with seawa 127mm (5" pipe to 148; llow pod an	WD ter - Ol ) drill pi 7m. d from	ipe
1:30 2:00 3:30 4:30 5:00 5:30 6:00 6:30 7:00 7:30	3:30 4:30 5:00 5:30 6:00 6:30 7:00 7:30 12:00	<ul> <li>1.50</li> <li>1.00</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>4.50</li> </ul>	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	<ul> <li>TRIPBHA</li> </ul>	PN PN PN PN PN PP PP PP	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31 Shallow tes Continued t Installed Div elevators. RIH 311mm Function tes toolpushers and racking Continued F	ted MWD in und to have i 185m to 44m o POH from A source in S 1mm (12.25 ted MWD at to RIH with 1 verter Bag at n (12.25") BH sted BOP on the panel on blit back in mass RIH picking u rculation witt	stagess incorre 44m to ADN. ") BHA 3785 I 27mm nd cha 127mm ue pod st. up 127n h seaw	to 3875 Lpi ct unprogram oved R/A so o 24m. L/D N . from 44m tr pm (1000 gp (5") HWDP nge from au king up 115 m (5") drill p while pickin mm (5") drill ater at 2650	n ( 1000 Gpm) nmed MWD in urce. /WD telescope o 157m. om), 11MPa (1) to 382m. to elevators to joints 127mm ( ipe from rig flo	). Zero si Hole". 600 psi) manual (5") drill or on ye 127mm TOC at 1	J correct M with seawa 127mm (5" pipe to 148; llow pod an (5") drill pipe 530m with 4 1.3 MPa (16	WD ter - Ol ) drill pi 7m. d from e in mc 4.4mt ( i50 psi)	ipe use hole 10k).
1:30 2:00 3:30 5:00 5:30 6:00 6:30 7:00 7:30 12:00	3:30 4:30 5:00 5:30 6:00 6:30 7:00 7:30 12:00 13:30	<ul> <li>1.50</li> <li>1.00</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>4.50</li> <li>1.50</li> </ul>	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	<ul> <li>TRIPBHA</li> </ul>	PN PN PN PN PN PP PP PP PP	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31 Shallow tes Continued t Installed Dir elevators. RIH 311mm Function tes toolpushers and racking Continued F Establish ci increased fl working.	ted MWD in und to have i 185m to 44m o POH from A source in S 1mm (12.25 ted MWD at to RIH with 1 verter Bag at n (12.25") BH sted BOP on the panel on blit back in mass RIH picking u rculation witt	stagess incorre I. Remo 44m to ADN. ") BHA 3785 I 27mm nd cha 127mm ue pod st. up 127i h seaw 028 lpr	to 3875 Lpi ct unprogram oved R/A so o 24m. L/D N . from 44m tr pm (1000 gp (5") HWDP nge from au king up 115 m (5") drill p while pickin mm (5") drill ater at 2650	n ( 1000 Gpm) nmed MWD in urce. //WD telescope o 157m. //WD telescope o 157m. ////////////////////////////////////	). Zero si Hole". 600 psi) manual (5") drill or on ye 127mm TOC at 1	J correct M with seawa 127mm (5" pipe to 148; llow pod an (5") drill pipe 530m with 4 1.3 MPa (16	WD ter - Ol ) drill pi 7m. d from e in mc 4.4mt ( i50 psi)	ipe use hole 10k).
1:30 2:00 3:30 5:00 5:30 6:00 6:30 7:00 7:30 12:00	3:30 4:30 5:00 5:30 6:00 6:30 7:00 7:30 12:00 13:30	<ul> <li>1.50</li> <li>1.00</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>1.50</li> <li>1.00</li> </ul>	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	<ul> <li>TRIPBHA</li> <li>TRIP</li> </ul>	PN PN PN PN PN PP PP PP PP	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31 Shallow tes Continued t Installed Div elevators. RIH 311mm Function tes toolpushers and racking Continued F Establish cii increased fl working. POH 25 sta	ted MWD in und to have i 185m to 44m o POH from Source in S 1mm (12.25 ted MWD at to RIH with 1 verter Bag at n (12.25") BH sted BOP on a panel on blin back in mass RIH picking u rculation witt ow rate to 30 ands to 815m	stagess incorre I. Remo 44m to ADN. 3785 I 27mm nd cha 127m and cha 127m 127m 127m 127m 127m 127m 127m 127m	to 3875 Lpic ct unprogram oved R/A so o 24m. L/D N . from 44m tr pm (1000 gp (5") HWDP nge from au king up 115 m (5") drill p while pickin mm (5") drill ater at 2650 n (800 gpm)	n ( 1000 Gpm) nmed MWD in urce. //WD telescope o 157m. //WD telescope o 157m. ////////////////////////////////////	). Zero si Hole". e and P/l 600 psi) manual (5") drill (5") drill 127mm 127mm 10 TOC at 1 1) with 11 a (2300 p	J correct M with seawa 127mm (5" pipe to 148; llow pod an (5") drill pipe 530m with 4 1.3 MPa (16	WD ter - Ol ) drill pi 7m. d from e in mc 4.4mt ( i50 psi)	ipe use hole 10k).
1:30 2:00 3:30 5:00 5:30 6:00 6:30 7:00 7:30 12:00 13:30 14:30	3:30 4:30 5:00 5:30 6:00 6:30 7:00 7:30 12:00 13:30 14:30	<ul> <li>1.50</li> <li>1.00</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>1.50</li> <li>1.00</li> <li>1.00</li> <li>1.00</li> </ul>	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	Image: Constraint of the sector of the se	PN PN PN PN PN PP PP PP PP	LE LE LE	Shallow tes NOTE: "Fou POH from 1 Continued t telescope. RIH to 44m Loaded R/A RIH with 31 Shallow tes Continued t Installed Dir elevators. RIH 311mm Function tes toolpushers and racking Continued F Establish ci increased fl working. POH 25 sta RIH picking Drilled out p and drilled 3 drilling out s	ted MWD in und to have i 185m to 44m o POH from A source in S 1mm (12.25 ted MWD at to RIH with 1 verter Bag at n (12.25") BH sted BOP on to panel on blu back in mas RIH picking u rculation witt ow rate to 30 unds to 815m up 75 joints blugs, cemer 3m new form shoe track at	stagess incorre I. Remo 44m to ADN. ") BHA 3785 I 27mm nd cha 127mm ue pod st. I 127m h seaw 028 lpr h. 127mm t and f haation t nd star	to 3875 Lpic ct unprogram oved R/A so o 24m. L/D N . from 44m to pm (1000 gp (5") HWDP nge from au king up 115 m (5") drill p while pickin mm (5") drill p cost equipm o 1554m. Di ted boosting	n ( 1000 Gpm) nmed MWD in urce. MWD telescope o 157m. om), 11MPa (1 to 382m. to elevators to joints 127mm ( ipe from rig flo g up 24 joints pipe and tag T lpm (700 gpm with 15.9 MPa	). Zero si Hole". e and P/l 600 psi) manual (5") drill or on ye 127mm ( TOC at 1 1) with 11 a (2300 p 1530 m. m. Clear pre to 1.1 3M was	J correct M with seawa 127mm (5" pipe to 148: llow pod an (5") drill pipe 530m with 4 1.3 MPa (16 ssi). Confirm ned out rat H 559 (9.6 pp	WD (ter - Ol ) drill pi 7m. d from e in mo e in mo 4.4mt ( (50 psi) ned MV (100 psi) ned MV (100 psi) (100	ipe use hole 10k). , VD is 1551m M while
1:30 2:00 3:30 5:00 5:30 6:00 6:30 7:00 12:00 13:30 13:30	3:30 4:30 5:00 5:30 6:00 6:30 7:00 7:30 12:00 13:30 14:30 14:30 15:30 19:30	<ul> <li>1.50</li> <li>1.00</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>0.50</li> <li>1.50</li> <li>1.50</li> <li>1.00</li> <li>1.00</li> <li>1.00</li> <li>4.00</li> </ul>	P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL P-DRL	Image: Constraint of the sector of the se	PN PN PN PN PN PP PP PP PP PP	LE LE LE	<ul> <li>Shallow tes NOTE: "Fou POH from 1</li> <li>Continued t telescope.</li> <li>RIH to 44m</li> <li>Loaded R/A</li> <li>RIH with 31</li> <li>Shallow tes</li> <li>Continued t</li> <li>Installed Divelevators.</li> <li>RIH 311mm</li> <li>Function tes toolpushers and racking</li> <li>Continued F Establish cir increased fl working.</li> <li>POH 25 sta</li> <li>RIH picking</li> <li>Drilled out p and drilling out s 2461 lpm (6</li> <li>Circulated p FIT to 1.65</li> </ul>	ted MWD in und to have i 185m to 44m o POH from A source in S 1mm (12.25 ted MWD at to RIH with 1 verter Bag at a (12.25") BH sted BOP on back in mat panel on blit back in mat RIH picking u reculation witt ow rate to 30 unds to 815m up 75 joints blugs, cemer 3m new form shoe track ar \$50 gpm), 70 prior to perfo sg (13.6 ppg (13.6 ppg)	stagess incorre i. Remo 44m to 44m to 3785 I 27mm nd cha 127mm nd cha 127mm nd cha 127m n to 127m 127m n to 127m n to 127m n 127m n to 127m n 127m 127m 127m 127m 127m 127m 127m 127m	to 3875 Lpic ct unprogram oved R/A so o 24m. L/D N . from 44m to pm (1000 gp (5") HWDP nge from au king up 115. m (5") drill p while pickin mm (5") drill p in (800 gpm) m (5") drill p loat equipm o 1554m. Di ted boosting n, WOB 2.2 FIT. Pulled b / with 1.15sg	m ( 1000 Gpm) nmed MWD in urce. MWD telescope o 157m. om), 11MPa (1 to 382m. to elevators to joints 127mm ( ipe from rig flo g up 24 joints pipe and tag T lpm (700 gpm with 15.9 MPa pe to TOC at 1 ent to 1546.28 splaced wellbo riser when WE	). Zero si Hole". e and P/l 600 psi) manual (5") drill 1 or on ye 127mm ( 'OC at 1 1) with 11 a (2300 p 1530 m. m. Clear ore to 1.1 3M was -10K). sing. Rig I psi surf	J correct M with seawa 127mm (5" pipe to 148; llow pod an (5") drill pipe 530m with 4 1.3 MPa (16 psi). Confirm hed out rat h 15sg (9.6 pp above BOP iged up and	WD ter - Ol ) drill pi 7m. d from e in mo e in mo 4.4mt ( i50 psi) med MV mole to pg) WB ss. Para	ipe use hole 10k). , VD is 1551m M while imeters: med

VELL N	AME																ATE		
/IADFI	SH-1															0	2-12-	200	3
PI#			24 HR	6 PROG			TMD				TVD					R	EPT N	0	
ЭН			3.00 (n	ו)			1,554.00	. ,			1,554.0	0 (m)				8			
						1	-	RATION	SUMMA	RY									
From	То	HRS	Phase	Opera	tion	PT/NP	T NPT C	CODES	blished drillin	apara	motoro	ACT	IVITY S	SUMMAR	Y				
		24.	00 = Total I	I Hours Today				LSta		iy parai	neters.								
								06:00 U	PDATE										
00-0600	Fia P/ Na Na Na	ow=3625 lp U weight +- ote: Survey ote: Sonic to ote: Zero Di ote: Schlum ote: BHI chr	m (950) gpi -133MT (29 # 1 at 1569 bol failed to rectional dri berger UPS romatograph	n), Pressure 5000lbs), S/ m, 0.49 degi work from co lling screen failed @ 01	=21550 O weigh rees Inc, ommenc available :30 hour aced ord	Kpa ( 312d ht =133MT , 1.74 AZ, cement of c e in DSV o rs, change ler from sh	D psi), RPM= ( 295000lbs) 1569.70 TVI Irilling. ffice, parts o d to rig powe	D. ordered.	e=24480 Nm								),		
	To	otal Stop ca	rds - 52 (25	unsafe, 48 s	safe). JS	A-22- Perr	nits-10.	BIT D	ATA										
BIT /	RUN	SIZE		MANUFAC	TURER		TYPE	SERIA	L	JETS C	OR TFA		DEPTH	H IN / DA1	re in	ŀ	O-D-L-E	3-G-0	-R
3 /	/ 1	(mm) 311.0	н	JGHES CHR		SEN	DP 605	NO 701572	9	7x	14	1	1,551.0	0 / 01-12	-2008				_
							E	BIT OPEF	RATIONS	;		•							
BIT	/ RUN	w	ов	RPM	FLO	ow	PRESS	P BIT	HRS	2	4 Hr PROG	24 H	R ROP	CUN	I HRS	СЛМ	PROG	С	JM R
	3/1	18	3/18	180/180	0.	.00	21,550	0	0.50		3.00	e	6.0	C	0.50	3.	00		6.0
CM:							MUD	PROPER	TIES			1	М	UD TYPE	: KC	L/POLYN	1ER		
VIS (s/I)	PV/Y (cp)/(		GELS (Pa )	WL/HT (ml/30 r		FC/T.S (mm)/(		OIL/WAT (%)	% SAND/		pH/Pm (mL )	Pf/N (mL		CI (ppm )	Ca (ppm)	H2S		CL om)	LGS (%)
52	10/2		(14)		,	. , ,			[ ( <i>70</i> )/(Sy										1
	10/2	0	8/10	4/13	3	1			(% )/(sg 0										
	L	0 <b>1</b> .1	8/10 15			1	F	PP	0	DAILY		9427		I COST	120,43	_	%OIL		3
Density BHA	L	0	8/10 15 JAR S/	N 1760	2032		B	PP HA / HOL	0	DAILY				I COST		_	%OIL BIT		3 3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 / JARS	8/10 15 JAR S/ ST	N 1760	2032			PP HA / HOI dn		DAILY DITIO NG WT	NS ROT	9427	JAR TORQL	HRS	120,43		BIT BHA LE		3
BHA BHA V	(sg )	0 1.1 3 / JARS	8/10  5  JAR S/  1	N 1760. RING WT UF 33 (tonne)	2032		B B B B TRING WT 133 (tonne	PP HA / HOL DN	0 E CONE STRII	DAILY DITIO NG WT 3 (tonne	NS ROT	9427	JAR TORQU	HRS JE/UNITS kN-m)	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 / JARS	8/10 JAR S/ ST 1 DESCRIPT	N 1760: RING WT UI 33 (tonne) ION	2032		F B STRING WT 133 (tonne NO	PP HA / HOI DN JTS	0 LE CONE STRII 13: LENGT	DAILY DITIO NG WT 3 (tonne	NS <b>ROT</b> ⇒) 0.1	9427	JAR <b>TORQL</b> 10 (1	I HRS	120,43		BIT BHA LE 382.19		3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 7 JARS ITEM Heavy	8/10 JAR S/ ST 1 DESCRIPT Weight Drill	N 1760. RING WT UI 33 (tonne) ION Pipe	2032		BIRING WT 133 (tonne NO	PP HA / HOL DN ) JTS 7	0 E CONE 5TRII 133 LENG1 159.2	DAILY DITIO NG WT 3 (tonne TH 4	NS           ROT           e)           0.1           127.	9427	JAR TORQL 10 (1	HRS JE/UNITS kN-m) I.D 79.38	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW	1.1 3 7 JARS ITEM Heavy H	8/10 JAR S/ ST 1 DESCRIPT Weight Drill ydraulic Jar	N 17602 RING WT UI 33 (tonne) ION Pipe	2032		F           B           STRING WT           133 (tonne           NO           1           1	PP HA / HOL DN ()) JTS () 7	0 E CONE 5TRII 13: LENG1 159.2 9.84	DAILY DITIO NG WT 3 (tonne TH 4	NS           ROT           e)           0.1           127.           158.	9427	JAR JAR 10 (1	HRS       JE/UNITS       kN-m)       I.D       79.38       69.85	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 / JARS ITEM Heavy H Heavy	8/10 JAR S/ ST DESCRIPT Weight Drill ydraulic Jar Weight Drill	N 17602 RING WT UI 33 (tonne) ION Pipe	2032		F     F     STRING WT     133 (tonne         NO         1         1         1	PP HA / HOU DN JTS 7 1 3	0 E CONE 33 13 159.2 9.84 56.18	DAILY DITIO NG WT 3 (tonne TH 4	NS           ROT           e)           0.1           127.	9427	JAR JAR 10 (1	HRS JE/UNITS kN-m) I.D 79.38	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 / JARS ITEM Heavy H Heavy	8/10 JAR S/ ST 1 DESCRIPT Weight Drill ydraulic Jar	N 17602 RING WT UI 33 (tonne) ION Pipe	2032		F           B           STRING WT           133 (tonne           NO           1           6           0	PP HA / HOL DN JTS 1 5 0	0 E CONE 5TRII 13: LENG1 159.2 9.84	DAILY DITIO NG WT 3 (tonne TH 4	NS           ROT           e)           0.1           127.           158.	9427	JAR JAR 10 (1	HRS       JE/UNITS       kN-m)       I.D       79.38       69.85	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 / JARS ITEM Heavy H Heavy (	8/10 JAR S/ ST DESCRIPT Weight Drill ydraulic Jar Weight Drill	N 1760: RING WT UI 33 (tonne) ION Pipe Pipe	2032		F     F     STRING WT     133 (tonne         NO         1         1         1	PP HA / HOL DN JTS 1 5 0	0 E CONE 33 13 159.2 9.84 56.18	DAILY DITIO NG WT 3 (tonne 4	NS           ROT           e)           0.1           127.           158.	9427	JAR TORQL 10 (1	HRS       JE/UNITS       kN-m)       I.D       79.38       69.85	120,43		BIT BHA LE 382.19	9 (m)	3
BHA V	(sg ) VT BELOW	0 1.1 3 / JARS ITEM Heavy H Heavy C Spi	8/10 JAR S/ ST DESCRIPT Weight Drill ydraulic Jar Weight Drill Cross Over	N 1760: RING WT UI 33 (tonne) ION Pipe Pipe	2032		F      F      F      STRING WT      133 (tonne      NO      1      1      6      C      C      E      C	PP HA / HOL DN JTS 1 5 0	0 E CONE 337 133 LENG1 159.2 9.84 56.18 1.07	DAILY DITIO NG WT 3 (tonne TH 4 3	NS ROT =) 0.1 127. 158. 127.	9427 9427 00 00 70 00 40	JAR TORQL 10 ((	i         HRS           JE/UNITS           kN-m)           1.D           79.38           69.85           79.38	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 / JARS / JARS / Heavy H Heavy ( Spi	8/10 JAR S/ JAR S/ DESCRIPT Weight Drill Vdraulic Jar Weight Drill Cross Over ral Drill Coll	N 1760: RING WT UI 33 (tonne) ION Pipe Pipe	2032		F F F F F F F F F F F F F F	PP HA / HOU DN JTS 7 1 5 0 3	0 E CONE 33 13 159.2 9.84 56.18 1.07 111.0	DAILY DITIO NG WT 3 (tonne TH 4 3 0 4	NS ROT 	9427 9427 00 00 70 00 40 40		HRS     JE/UNITS       kN-m)     I.D       79.38     69.85       69.85     69.85	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 // JARS ITEM Heavy H Heavy C Spi	8/10 JAR S/ ST DESCRIPT Weight Drill Vdraulic Jar Weight Drill Cross Over ral Drill Coll	N 1760: RING WT UI 33 (tonne) ION Pipe Pipe ar	2032		F           STRING WT           133 (tonne           133 (tonne           0           1	PP HA / HOL DN (1) JTS (1) 1 5 0 3 1	0 E CONE 337 133 LENG1 159.2 9.84 56.18 1.07 111.0 40.24	DAILY DAILY NG WT 3 (tonne 4	NS ROT =) 0.1 127. 158. 127. 171. 171. 171.	9427 9427 00 00 70 00 40 40 40 00	JAR TORQL 10 ((	Image: Hers     Image: Jerophysical Science	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW	0 1.1 3 // JARS ITEM Heavy H Heavy C Spi	8/10 JAR S/ JAR S/ DESCRIPT Weight Drill Vdraulic Jar Weight Drill Cross Over ral Drill Coll MWD Tool	N 1760: RING WT UI 33 (tonne) ION Pipe Pipe ar	2032		F           STRING WT           133 (tonne           133 (tonne           0           1	PP HA / HOU DN ////////////////////////////////////	0 E CONE 57711 133 LENGT 159.2 9.84 56.18 1.07 111.0 40.24 4.21 0.41	DAILY DAILY NG WT 3 (tonne 4	NS ROT 	9427 9427 00 00 70 00 40 40 40 00	JAR TORQL 10 ((	HRS     JE/UNITS       JE/UNITS     I.D       1.D     69.85       79.38     69.85       73.02     76.20	120,43		BIT BHA LE 382.19	9 (m)	3
BHA BHA V	(sg ) VT BELOW 31 (tonne)	0 1.1 3 // JARS ITEM Heavy H Heavy ( Spi Ste Polycrys	8/10 JAR S/ JAR S/ ST DESCRIPT Weight Drill Vdraulic Jar Weight Drill Cross Over ral Drill Coll MWD Tool eerable Moto talline Diam	N 1760: RING WT UP 33 (tonne) ION Pipe Pipe Pipe ar or ond Bit DEC	2032		AZI	PP HA / HOL DN JTS 7 1 5 3 1 1 1 5 URV	0 E CONE STRII 133 LENGT 159.2 9.84 56.18 1.07 111.0 40.24 4.21 0.41 /EY D	DAILY DAILY NG WT 3 (tonne 4 3 0 4	NS ROT e) 0.1 127. 158. 127. 171. 171. 300. 311. N/-S	9427 9427 00 00 00 40 40 40 15	JAR TORQL 10 ((	HRS     JE/UNITS       JE/UNITS     I.D       1.D     69.85       79.38     69.85       73.02     76.20	120,43 19.00		BIT BHA LE 382.19	9 (m) CON	
BHA V	(sg ) VT BELOW 31 (tonne)	0 1.1 3 // JARS ITEM Heavy H Heavy ( Spi Ste Polycrys	8/10 JAR S/ JAR S/ ST DESCRIPT Weight Drill Vdraulic Jar Weight Drill Cross Over ral Drill Coll MWD Tool eerable Moto talline Diam	N 1760: RING WT UP 33 (tonne) ION Pipe Pipe Pipe ar or ond Bit	2032		B STRING WT 133 (tonne 133 (tonne 134	PP HA / HOL DN JTS 7 1 5 3 1 1 1 SURV	0 E CONE STRII 133 LENGT 159.2 9.84 56.18 1.07 111.0 40.24 4.21 0.41 /EY	DAILY DAILY DITIO NG WT 3 (tonne 4 3 0 4 +	NS ROT 	9427 9427 00 00 70 00 40 40 40 15	JAR TORQL 10 ((	HRS     JE/UNITS       JE/UNITS     I.D       1.D     69.85       79.38     69.85       73.02     76.20			BIT BHA LE 382.19	9 (m) CON	3 H N TYI

## **APACHE CORPORATION**

**Daily Drilling Report** 

WELL NAME DATE MADFISH-1 02-12-2008 API # 24 HRS PROG TMD REPT NO TVD 1,554.00 (m) OH 3.00 (m) 1,554.00 (m) 8 MUD PUMPS/HYDRAULICS SPR STROKE SPM LINER FLOW SPM PPSR SPP: 21,550 (kPa) # 1 304.80 0 #2 304.80 0 #3 304.80 0 HP: 0.000 (kW/cm<sup>2</sup>) PERSONNEL DATA COMPANY QTY HRS COMPANY QTY HRS 1 Brandt 4 Catering 8 KEMTECH 3 2 VETCO SUBSEA 7 3 1 DOWELL DODI 57 2 Anadrill (1 trainee) 5 1 APACHE 5 BHI BJ casing 1 TOTAL PERSONNEL ON BOARD: 101 SUPPORT CRAFT TYPE REMARKS NOR CAPTAIN On route to Loc S-76 1 x chopper- 4 pax on , 7 pax off. FAR SKY On route to Geelong 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 DIESEL 487 МТ 41 m3 WATER, POTABLE m3 27 326 WATER, DRILLING m3 42 408 WEATHER TIME SWELL WAVE WIND SPEED/DIR GUST SPEED/DIR TEMP HT/DIR/PER HT/DIR/PER 2.00/170.00/12 23:00 //35.00/3 / 10.3/80.00 DECKLOG MAX VDL ACT VDL AVG VDL LEG PEN (BOW) LEG PEN (PORT) LEG PEN (S BOARD) 2122 2560 2122 SAFETY DRILLS ANNULARS CASING NEXT BOP H2S DRILL MAN RAMS LAST BOP FIRE ABND. PRESS TEST OVERBRD (kPa) (kPa) DRILL DRILI DRILL 30-11-2008 02-12-2008 30-11-2008 30-11-2008 / 34,475 30-11-2008 / 24,132 02-12-2008 / 86,187 21-12-2008 02-12-2008 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 2 160 3 187 4 186 5 158 6 168 7 185 8 180 9 10 11 12

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## APACHE CORPORATION Daily Drilling Report

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## Daily Dril

WELL NAME					<b>DATE</b> 02-12-2008				
MADFISH-1									
API #	24 HRS PRO	G ·	TMD	TVD	REPT NO				
ОН	3.00 (m)		1,554.00 (m)	1,554.00 (m)	8				
		· · · · · · · · · · · · · · · · · · ·	MUD INVENTORY						
IT	EM	UNIT	USAGE	Day Cost (\$)	ON HAND				
BENT	TONITE	1.00 MT		0.00	38.00				
CITRI	IC ACID	25.00 kg	18.00	796.50	88.00				
NUT	PLUG	50.00 lbs		0.00	28.00				
LI	IME	25.00 kg		0.00	77.00				
CIRC/	AL 1000	25.00 kg		0.00	96.00				
KCL BRIN	NE (1.15SG)	1.00 bbl		0.00	0.00				
KWIKS	SEAL (F)	40.00 lbs		0.00	90.00				
KWIKS	SEAL (M)	40.00 lbs		0.00	90.00				
SAFE	E-CIDE	25.00 I	1.00	100.69	31.00				
DRISI	PAC SL	50.00 lbs		0.00	313.00				
DEF	OAM A	5.00 gal		0.00	24.00				
SODIUM BICARE	BONATE - NaHCO3	25.00 kg	18.00	321.48	62.00				
SO	DLTEX	50.00 lbs	25.00	2,216.75	437.00				
CIRCA	AL 60/16	25.00 kg		0.00	318.00				
OMYA	CARB 10	25.00 kg		0.00	96.00				
FLO'	WZAN	25.00 kg	22.00	5,991.26	204.00				
CIR	CAL Y	25.00 kg		0.00	96.00				
BARIT	TE (bulk)	1.00 MT		0.00	96.00				
	A ASH- DNATE-Na2CO3	25.00 kg		0.00	15.00				
GUA	R GUM	25.00 kg		0.00	40.00				
POI	LYSAI	25.00 kg		0.00	90.00				