

MOBIL EXPLORATION NORWAY INC.

WELL 6407/6-4

HOLE/CASING/MUD/CEMENTING DATA

HOLE SIZE/ MUD TYPE	CASING AND THREAD	SHOE DEPTH (mRKB)	CEMENTING
36": M.L. - 242.95 mRKB SEAWATER/ VISCIOUS PILLS	30", 310/457 LB/FT VETCO ST2RB VETCO ALT2 GRADE X-52	353	2065 SX CLASS G CEMENT MIXED W/0.6 GAL/SX A-7L WITH SEAWATER, AT 15.8 PPG.
26": 357-1085 mRKB SEAWATER/ VISCIOUS PILLS	20", 133 LB/FT VETCO RL4S VETCO ALT2 GRADE X-56	1079	LEAD SLURRY: 3600 SX CLASS G CEMENT MIXED W/ 2.25% GEL AT 13.0 PPG TAIL SLURRY: 1000 SX CLASS G CEMENT, NEAT
17½": 1085-2500 mRKB KCL/POLYMER	13⅜", 72 LB/FT BTC GRADE L-80	2492	LEAD SLURRY: 3170 SX CLASS G CEMENT, MIXED W/2.25% GEL, 5% D-31LN, 10% R-12L TAIL SLURRY: 870 SX CLASS G CEMENT, WITH 10% R-12L
12¼": 2500 - 3126 mRKB KCL/POLYMER			

ABANDONMENT PLUGS (mRKB)

2850 - 3129
2575 - 2850
2350 - 2575
816 - 1029
252 - 512

DAILY DRILLING MUD PROPERTIES

Well name: 6407/6-4
Spud date: October 31, 1990

Rig name: Ross Rig
Mud Company : IDF

TD (m): 3126

Date	Depth	Time	Mud Density	Temp.	Plastic Viscosity	Yield Point	Gels	Solids	LGS	Sand	API Filtrate	HTHP Filtrate	pH	Cl	MBT	Ca++	PI / MI	Pm	RHEOLOGY						
			ppg	*F	cp	lbs/100 ft	lbs/100 ft	%vol	%vol	% vol	ml/30 min	ml/30 min	ppm	ppb	mg/l	mg/l	600	300	200	100	6	3			
30 Oct 90	ACTIVE	23:00	9.9		30	26														86	56	44	30	20	18
31 Oct 90	ACTIVE	23:00	9.9	66	30	26														86	56	44	30	20	18
01 Nov 90	ACTIVE	23:00	8.4	66	35	24														94	59	46	32	22	21
02 Nov 90	ACTIVE	23:00	8.5	66	16	122														154	138	135	132	55	50
03 Nov 90	ACTIVE	23:00	8.8	66	20	50														90	70	67	58	44	42
04 Nov 90	ACTIVE	23:00	8.8	66	17	64														98	81	76	69	42	33
05 Nov 90	ACTIVE	23:00	8.8		14	92														120	108	100	92	36	34
06 Nov 90	SPUD	23:00	9.1	60	36	111														183	147	135	101	47	45
07 Nov 90	681m	23:00	8.8	60	67	13														134	121	117	114	46	42
08 Nov 90	922	23:00	8.8	60	13	116														142	129	115	102	70	63
09 Nov 90	1085	23:00	8.8	60	7	119														133	126	111	104	67	64
10 Nov 90	Spud	23:00	8.8	66	14	109														137	123	118	114	58	56
11 Nov 90	M	I	X	I	N	G		K	C	L		P	O	L	Y	M	E	R		M	U	D			
12 Nov 90	1088m	20:00	10	61	19	24	8/14	6			5		10	57000	3.75	320	.1/4	0.3		62	43	35	25	11	7
13 Nov 90	1426	22:00	11.4	82	24	20	7/20	14	4.8	2.5	9.2		8.7	51000	8.75	640	.1/3	0.1	68	44	34	23	10	6	
14 Nov 90	1760	22:00	13.1	93	19	15	14/22	21	5.9	3.5	14		9.4	50	16.25	480	.01/2	0.1	53	34	27	20	15	13	
15 Nov 90	2042	19:00	13.3	68	24	32	20/40	22	6	2	13.6		8.5	52000	25	480	.01/2	0.1	80	56	45	35	25	20	
16 Nov 90	2042	20:00	13.3	46	21	18	17/39	21	5	1	15		8.5	58000	16	440	.01/2	0.1	60	39	31	24	16	14	
17 Nov 90	2083	22:00	13.5	138	17	15	10/34	23	5.6	1.25	14		8.6	57000	15	400	0/3	0	49	32	24	18	12	8	
18 Nov 90	2245	22:30	13.5	116	15	15	15/39	23	5.6	0.75	11.5		8.6	57000	21	380	0/3	0	45	30	25	19	15	12	
19 Nov 90	2352	22:30	13.5	94	18	20	22/39	23	5.5	1	9.5		8.6	71000	23	380	0/3	0	56	38	32	27	17	16	
20 Nov 90	2373	17:00	13.5	126	15	30	24/49	24	5.9	1	11.4		8.3	72000	26	800	0/30	0	60	45	37	24	18	14	
21 Nov 90	2439	00:00	13.5	112	21	17	21/39	24	5.9	0.5	11.5		8.6	71000	21	840	0/3	0	59	38	31	26	17	13	
22 Nov 90	2500	21:30	13.5	106	18	16	16/37	24	5.9	0.5	8		8.6	49000	20	760	0/3	0	52	34	27	21	14	12	
23 Nov 90	2500	21:30	13.5	66	18	18	15/39	24	5.96	0.5	8		8.6	49000	20	720	0/0.3	0	54	36	28	23	17	12	
24 Nov 90	2500	21:00	13.5	57	15	14	12/29	24	5.9	0.5	8.2		8.5	48000	20	680	0/0.3	0	44	29	23	19	15	12	
25 Nov 90	2500	11:45	13.5	89	20	10	12/40	24		0.5	8.5		8.9	47	20	720	0/0.3	0	46	28	26	21	10	9	
26 Nov 90	2502	22:00	10	56	21	15	3/6	15	0	0	5.5		9.5	44000		240	.25/9	0.6	57	36	28	21	8	6	
27 Nov 90	2507	21:00	10	87	13	17	3/7	7	0.5	0	3.8	18.5	9.7	48	0.01	320	0.4/1.2	0.9	43	30	23	18	10	8	
28 Nov 90	2658	03:00	10	84	16	18	3/6	8	2.56	TR	3.8	14.4	9.6	49000	6	215	.3/9	0.9	50	34	28	18	11	8	
29 Nov 90	2719	03:00	10	86	15	16	5/7	9	3.7	TR	3.5	14.8	9.6	49000	8	240	.2/9	0.7	46	31	24	16	8	7	
30 Nov 90	2787	03:00	10	86	15	16	5/7	9	3.95	TR	3.5	12.8	9.6	48000	5	240	.2/9	0.8	46	31	24	16	8	7	
01 Dec 90	2988	03:00	10	91	17	18	4/7	9	3.95	0.4	3.5	11.4	8.8	49000	5	160	.1/8	0.2	52	35	28	19	10	9	
02 Dec 90	3082	20:00	10	89	16	17	4/7	9	3.95	0.75	3.2	11.8	9.2	50	5	200	.2/1.0	0.4	49	33	26	20	9	7	
03 Dec 90	3096	15:00	10	89	15	16	3/6	9	3.95	0.5	3.4	11.2	9.2	48000	6	320	.15/7	0.5	46	31	25	16	9	8	
04 Dec 90	3095	20:00	10	70	15	17	3/6	9	3.95	0.5	3.2	11	9.2	49000	5	320	.2/8	0.5	47	32	25	17	9	7	
05 Dec 90	3126	15:30	10	93	17	17	3/7	9	3.95	0.25	3.6	11.8	8.8	48000	7	320	0/4	0.2	51	34	25	18	9	7	
06 Dec 90	3126	20:00	10	70	17	17	3/7	9	3.95	0.25	3.6	11.8	8.8	48000	7	320	0/4	0.2	51	34	25	18	9	7	
07 Dec 90	3126	23:00	10	70	17	17	3/7	9	3.95	0.25	3.6	11.8	8.7	47000	7	320	.01/4	0.15	51	34	25	18	9	7	
08 Dec 90	P&A	23:00	10	70	17	14	2/6	9	3.95	0.25	8.4	20.8	11.6	46000	6	520	1.2/3.0	1.6	50	33	24	17	8	6	
09 Dec 90	P&A	23:00	10	70	17	14	2/6	9	3.95	0.25	8.6	21	11.7	46000	6	520	1.2/3.0	1.6	50	33	24	17	8	6	

TABLE 3.5