

DST RESULT

WELL 29/9-1

PERFORATED INTERVAL: 4394-4405 M RKB (Ref LDT/CNL)

RUN NO 1: Tool failure – test not initiated

RUN NO 2: Initial flow: 0.067 hrs (4 min)
Initial build up: 3.133 hrs
Cushion produced: 2.18 BBL \approx 784.4 BBL/D
Test aborted due to mechanical problems

RUN NO 3: Test aborted due to weather conditions

RUN NO 4: Initial flow: 0.067 hrs
Initial build up: 1.233 hrs
Main flow: 40.750 hrs
Main build up: 60.183 hrs
Gas rate: 0.345 MM SCF/D
Gas gravity: 0.774 (air=1)
Condensate: Trace
WHP: 120 psia
BHP: 1280 psia
BHT: 286 DF
CHOKE: 32/64"

TEST ANALYSIS (if all gas $B_g = 1.0$):

$Kh = 9.54$ md ft, $k = 0.2$ mcl, $h = 34.45$ ft, $S = 1.3$

(IF ALL MUDFILTRATE):

$Kh = 51.86$ md ft, $k = 1.5$ md, $h = 34.45$ ft, $S = 1.3$

Estimated reservoir pressure: appr. 12000 psi

6.3 Mud Report

36 hole section

The well was spudded on September 23. 1983 at 0345 hrs. Seabed was tagged at 129 m, and the section target, 215 m, was reached at 2245 hrs the same day. No serve problems were encountered. After having reached TD, 65 m³ havis mud were spotted on bottom and the pipe was pulled to 137 m. While pulling out, the mud wt. was raised to 1.20 rd. Ran back to bottom and displaced the hole to this mud before pulling out. Ran casing.

26" hole section

Cement was tagged at 207 m and 17 1/2" pilot hole was drilled to 1055 m. A havis pill was pumped on each connection. At 522 m a 100 bbls havis pill was pumped to clean the hole.

Through this period, heavy losses on shakers and solids equipment were experienced due to returns loaded with sand. This caused blinding the screens and plugging the cones. Average losses varied from 50 bbls to 130 bbls while drilling. Mud weights were kept in the 1.05 - 1.06 range. When logging the pilot hole, ± 30 bbls mud/hour were lost to formation.

When underreaming to 26" hole, some problems were encountered. The losses to the formation were substantial. All the various items of solids equipment were heavily overloaded and thus several hundred barrels of mud were lost on the surface.

The 26" hole was underreamed to 1057 m. Riser was displaced to seawater and pulled. When running in on the wipertrip, the hole had to be washed and reamed from 765 - 1057 m. On the wipertrip back to 700 m there was no drag. When running back to bottom, 10 m of fill were encountered. The hole was spotted with 350 m³ of havis mud and casing run.

17 1/2" hole section

Drilled cement and shoe with seawater. Displaced to KCL/Polymer mud prior to leak-off (1.54 RD). Tight hole was experienced all through this section. Frequent wiper trips with reaming and washing had to be made. High-vis mud pills were used to clean the hole prior to trips. Cavings/splintered shale were observed at all times while reaming. (From 1770 to 2150m.) The KCL concentration in the mud was believed to be too high, drying out the formation. Reduction of this concentration improved hole conditions. The hole was still tight, but became ok after being wiped/reamed through a couple of times. Some tightness was still experienced after logging. This probably due to hydration of the shale. Hole enlargement, due to the sloughing problem, was found to be \pm 400 BBL. Ran and cemented 13 3/8" casing.

12 1/4" hole section

In the first part of the section, the chemical consumption was high due to intensive treatment for cement contamination and, to reduce the MBT in the mud left over from 17 1/2" section. To combat build-up of clays in the mud, an average of \pm 200 bbls mud per day were lost through the centrifuges per 100 m hole between 2752 m - 3400 m. As from this point to TD, the mud was stable and in reasonably good shape. MBT was controlled by adding premix and running the centrifuges. Additions of lignite commenced towards TD to give a better temperature stability. No logging or casing problems.

8 3/8" hole section

No hole problems or mud problems were encountered down to coring point. However, an intermediate logrun after the coring showed that the hole size in the sand at about 4420 m was up to 15".

The centrifuge broke down in the beginning of the section, and extra water had to be added to control the colloids. The sand content went up from 1/4% to 1% towards the end of the section (the last 70m) due to a hydraulic break down of the Thule unit.

No problems when pulling out of hole for logging. The hole became sticky at 4627 m during logging, and an intermediate wiper trip had to be done. Continued logging until weather got rough and the riser was disconnected. Made wiper trip and finished logging. Ran 7" liner and cemented same.



DAILY MUD PROPERTIES

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DATE	DEPTH	WT.	VIS SEC.	CORR. 115°F		GELS		pH	FLUID LOSS		CL <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ALKALINITY			Ca Mg	RETORT			V.G. METER READING @ 115°						Bbl	KCl PPB	TOTAL MUD COST			
				PV	Pa YP	Pa 0 10	BECK <input checked="" type="checkbox"/>		100 PSI API	500 PSI 300 °F HT-HP			CACL <input type="checkbox"/>	NACL <input type="checkbox"/>	PF		PM	MF	CA ppm	% OIL	% SOL	% WATER	600 R.P.M.	300 R.P.M.	200 R.P.M.				100 R.P.M.	6 R.P.M.	3 R.P.M.
23.09	215	1.04							SPUD	MUD																					19316.46
24.09	215	1.03							"	"																				16073.85	
25.09	465	1.06	38						SEA WATER/GEL	SLUGS																				23390.85	
26.09	796	1.04	32						"	"																				33556.23	
27.09	1031	1.06	32						"	"																				50221.52	
28.09	1055	1.06	32						"	"																				56759.93	
29.09	1055	1.06	32						"	"																				60543.79	
30.09	1057	1.06	58						"	"																				72982.24	
01.10	1057	1.06	87						"	"																				76632.28	
02.10	1057	1.06	120						"	"																				93569.70	
03.10	1057	1.08							"	"																				93569.70	
04.10	1057	1.08	49	14	55	5	5	8.4	11	-	70K	TR	TR	.1	140						39	25	19	11	1	11			50	129688.20	
05.10	1275	1.12	53	15	8	1	1	8.3	9.5	-	59K	TR	TR	.1	240	-	4	96	46	31	24	15	2	1	7	44			145801.40		
06.10	1524	1.12	49	15	8.5	1	1.5	7.9	9.0	-	64K	0	0	.25	400	-	5	95	47	32	25	16	2	1	13	41			166449.65		
07.10	1574	1.13	50	15	8	1	1	8.4	8.4	-	61K	TR	0.1	.25	400	-	6	94	46	31	24	16	3	2	14	42			180113.50		
08.10	1917	1.20	49	17	9	1	1.5	8.3	8.3	-	62K	TR	TR	.25	440	-	10	90	52	35	28	18	3	3	17	41			205803.85		
09.10	1940	1.26	53	19	11	1.5	2.5	7.8	8.6	-	59K	0	0	.15	480	-	12	88	60	41	33	22	4	2	18	39			227598.15		
10.10	2100	1.26	46	18	10	1	2	8.0	8.4	-	64K	0	0	.115	450	-	12	88	56	32	30	20	3	2	17	40			238670.70		
11.10	2202	1.32	45	17	10	1	2	8.3	9.0	-	60K	TR	.1	12	420	-	14	86	54	37	30	20	3	2	17	38			256367.60		
12.10	2242	1.32	46	19	11	1	2.5	8.1	8.8	-	61K	0	0	.2	480	-	14	86	60	41	32	21	3	2	20	39			264781.70		
13.10	2242	1.32	47	18	10	1	2	8.1	9.0	-	61K	0	0	.15	400	-	14	86	56	38	30	20	3	2	21	38			271662.60		
14.10	2243	1.38	54	22	13	1	2.5	7.8	8.2	-	58K	0	0	.15	420	-	16	84	70	48	38	25	4	2	24	37			286684.20		
15.10	2258	1.38	52	21	11	1	2.5	8.4	8.4	-	53K	0	0	.2	400	-	16	84	64	43	34	22	4	2	23	33			393919.10		
16.10	2342	1.38	48	21	11	1	2.5	8.1	8.0	-	54K	0	0	.1	520	-	16	84	64	43	34	21	3	2	25	34			310777.10		
17.10	2364	1.38	52	22	10	1	2	8.1	7.8	-	53K	0	0	.2	480	-	16	84	64	42	33	22	4	2	25	34			321059.15		
18.10	2400	1.38	47	20	9	1.5	3.5	7.9	8.0	-	50K	0	0	.25	500	-	15	85	61	41	32	21	4	3	30	35			333439.00		

DATE SPUD:

DATE T.O.:

COST:

TABLE B-6



DAILY MUD PROPERTIES

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DATE	DEPTH	Rd WT.	VIS SEC.	CORR. 115°F Pa		GELS Pa		pH	FLUID LOSS			CL CACL <input type="checkbox"/> NACL <input type="checkbox"/>	ALKALINITY				RETORT			V.G. METER READING @ 115°						Bbl CEC	KCl	TOTAL MUD COST
				PV	YP	0	10		BECK <input checked="" type="checkbox"/> STRIP <input type="checkbox"/>	100 PSI API	500 PSI 300 °F HT-HP		PF	PM	MF	CA ppm	% OIL	% SOL	% WATER	800 R.P.M.	300 R.P.M.	200 R.P.M.	100 R.P.M.	6 R.P.M.	3 R.P.M.			
19.10	2400	1.38	52	21	11	1.5	4	7.9	7.2		48K	0	0	.25	840	15	85	64	43	34	24	5	3	30		334927.90		
20.10	2465	1.38	45	18	9	2	5	8.1	8.0		46K	0	0	.20	360	14	86	54	36	29	19	4	3	30		340758.30		
21.10	2465	1.38	45	17	7	1	7	8.0	8.1		45K	0	TR	.15	360	14	86	49	32	23	15	3	2	30		345374.20		
22.10	2536	1.38	44	18	8	1	7	8.1	7.8		45K	TR	TR	.05	280	15	85	52	34	26	17	3	2	30		351208.70		
23.10	2556	1.38	44	17	8	2	7	7.9	8.2		44K	TR	TR	.1	320	15	85	50	33	26	16	4	3	30		356428.00		
24.10	2593	1.38	44	19	7	1.5	7	8.3	7.4		44K	TR	TR	.15	280	15	85	52	33	21	16	4	2	30		368633.95		
25.10	2602	1.38	45	20	9	2	9	8.5	7.4		45K	-	TR	.15	280	16	84	58	38	30	20	5	4	30		373437.55		
26.10	2652	1.38	44	20	9	1.5	10	8.1	7.2		43K		TR		360	16	84	58	38	29	19	4	3	30		382310.35		
27.10	2680	1.38	45	17	8	1.5	8.5	7.8	7.2		42K		TR		400	16	84	50	33	25	17	4	3	30		389470.15		
28.10	2735	1.38	45	19	9	2	10	8.0	7.0		40K		TR	.05	360	15	85	56	37	28	19	5	4	30		392238.95		
29.10	2751	1.43	47	20	10	2	14	8.0	7.2		42000			.1	400	15	85	60	40	31	20	6	5	30		404689.35		
30.10	2752	1.43	48	20	10	2	13	8.0	7.2		42K		TR		400	15	85	60	40	30	19	5	4	30		404689.35		
31.10	2752	1.43	49	20	9	5	2	13	8.0	7.2	42K		TR		400	15	85	59	39	29	19	5	3	30		404689.35		
01.11	2752	1.43	46	21	10	3	16	8.0	7.4		44K			.1	380	16	84	62	41	32	22	6	5	32	29	417874.95		
02.11	2752	1.43	49	20	9	5	2	17	7.9	7.6	45K			.1	440	18	82	59	39	31	21	6	5	33	30	418917.25		
03.11	2752	1.42	57	19	9	2	15	8.0	6.4		45K			.15	360	4	17	79	56	37	28	19	5	3	33		419484.35	
04.11	2752	1.42	58	21	8	2	25	10.5	5.5		45K	.1	.4	.15	TR	5	17	78	59	38	30	19	4	3	33		421597.55	
05.11	2800	1.42	47	17	7	1.5	9	10.4	5.4		38K	.1	.4	.15	40	5	17	78	48	31	24	19	4	3	31		432959.20	
06.11	2965	1.42	44	16	7	5	1	10.0	5.6		34K	.1	.3	.15	100	4	17	79	47	31	24	15	3	2	30		441834.00	
07.11	3035	1.42	48	17	7	5	1	9.8	5.9	19	32K	.05	.3	.1	80	4	17	79	49	32	24	15	3	2	28		450482.20	
08.11	3183	1.42	46	18	7	0	1	10	10.1	5.9	31K	.1	.3	.15	80	3	17	80	50	32	24	15	3	2	28		460175.80	
09.11	3211	1.42	49	18	7	5	1	9	9.8	5.7	31K	.1	.2	.15	280	2	17	81	51	33	25	16	3	2	27		463438.70	
10.11	3327	1.42	46	19	8	5	1	10.3	6.0	19.5	29K	.15	.3	.2	280	2	17	81	55	36	27	17	3	2	26		468299.40	
11.11	3434	1.42	42	17	6	5	1	8	10.3	6.6	27K	.1	.3	.25	320	2	16	82	47	30	23	14	3	2	25		475235.97	
12.11	3542	1.42	42	18	6	5	1	8	10.0	7.0	26K	.2	.35	.4	80	1	17	82	49	31	23	14	3	2	26		483734.99	
13.11	3646	1.42	43	17	5	5	1	8	10.1	6.4	25K	.3	.5	.5	40	TR	16	84	45	28	22	13	3	2	25		490811.40	
14.11	3732	1.53	47	22	6	5	1	9	10.3	6.5	25K	.4	.5	.7	TR	TR	20	80	57	35	20	16	3	2	26		508104.40	
15.11	3812	1.53	46	20	5	5	1	10	10.2	6.4	29K	.3	.7	.55	TR	-	20	80	51	31	24	16	3	2	25		515031.66	

DATE SPUD:

DATE D.O.:

COST:

TABLE B-6 (Cont.)



DAILY MUD PROPERTIES

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DATE	DEPTH	R.D. WT.	VIS SEC.	CORR. 115°F		GELS		pH	FLUID LOSS		CL 24K	ALKALINITY			RETORT			V.G. METER READING @ 115°						BM CEC	TOTAL MUD COST	
				PV	YP	Pa 0 10	Pa 0 10		BECK STRIP	100 PSI API		500 PSI 300 °F HT-HP	CACL NACL	PF	PM	MF	CA ppm	% OIL	% SOL	% WATER	800 R.P.M.	300 R.P.M.	200 R.P.M.			100 R.P.M.
16.11	3869	1.61	49	21	8	2	14	10.0	6.8	17.8	24K	.3	.65	.7	TR	-	23	77	58	37	29	19	5	4	25	529792.61
17.11	3869	1.72	49	25	8.5	1.5	12	10.2	6.6	19	25K	.3	.5	.6	TR	-	25	75	67	42	31	19	4	3	25	547409.77
18.11	3869	1.80	60	30	10	2	17	9.9	6.0	18	25K	.3	.6	.6	TR	-	27	73	80	50	38	25	5	4	25	552719.30
19.11	3873	1.80	52	26	9.5	2	15	10	6.0	18	25K	.4	.6	.6	TR	-	27	73	71	45	36	23	5	4	25	561477.70
20.11	3873	1.80	53	27	9	2	14	9.9	6.0	18	25K	.35	.6	.6	TR	-	27	73	72	45	36	23	5	4	25	" "
21.11	3873	1.80	54	27	9	2	14	9.8	6.0	18	25K	.3	.6	.6	TR	-	27	73	72	45	36	23	5	4	25	" "
22.11	3873	1.80	56	26	8.5	2	17	10	5.7	18	25K	.3	.6	.65	80	-	27	73	69	43	33	22	6	5	25	563274.80
23.11	3919	1.80	53	24	14	8	30	10.1	6.8	18	25K	.3	.65	.6	80	-	27	73	76	52	42	30	13	10	25	575015.02
24.11	3950	1.80	50	24	8	3	15	10.4	5.8	18	25K	.3	.5	.4	100	-	27	73	64	40	31	21	6	5	25	594779.46
25.11	3950	1.80	56	24	7.5	2	15	10.4	5.8	18	25K	.3	.5	.4	100	-	27	73	63	39	30	20	5	5	25	596844.56
26.11	3950	1.80	56	24	8	3	15	10.4	5.8	18	25K	.3	.5	.4	100	-	27	73	64	40	31	20	5	5	25	" "
27.11	3950	1.80	57	24	7	2	13	10.5	5.8	18	25K	.4	.6	.45	100	-	27	73	62	38	29	19	5	3	25	599061.46
28.11	3935	1.80	56	23	9	3	14	10.5	5.8	18	25K	.35	.5	.4	100	-	27	73	64	41	32	21	5	5	25	" "
29.11	3935	1.80	68	25	6	1.5	25	10.0	5.6	18	25K	.3	.3	.5	120	-	27	73	62	37	28	17	3	2	20	526482.56
30.11	3935	1.73	55	20	5	1	9.5	10.8	6.0	19	25K	.3	.9	.4	280	-	25	75	50	30	23	14	2	2	18	" "
01.12	3935	1.80	56	25	6	1.5	9	10.8	5.8	19	25K	.3	.9	.4	280	-	27	73	62	37	28	17	3	2	19	" "
02.12	3935	1.80	56	25	6	1.5	9	10.8	5.8	19	25K	.3	.9	.4	280	-	27	73	62	37	28	17	3	2	19	" "
03.12	3957	1.80	51	24	4	1	5	11.0	5.6	19	24K	.3	1.2	.4	40	-	27	73	56	32	24	13	2	2	22	533371.11
04.12	3974	2.03	56	30	4.5	1	5	10.9	5.3	17	25K	.2	1.2	.35	200	-	34	66	69	39	28	16	3	2	21	556080.97
05.12	4019	1.98	59	33	7	1.5	8	11.0	4.5	14	24K	.25	1.2	.4	240	-	33	67	80	47	36	21	3	2	19	571739.73
06.12	4039	1.98	57	30	5.5	1.5	8	10.9	4.0	12	24K	.3	.9	.5	280	-	33	67	71	41	31	19	3	2	20	573836.45
07.12	4063	1.98	54	30	6.0	1.5	10	10.8	4.2	12	24K	.2	.9	.4	300	-	33	67	72	42	32	20	4	2	22	578356.75
08.12	4101	1.98	53	27	5.5	1.5	8.5	10.9	4.4	13	24K	.2	1.0	.4	300	-	33	67	65	38	29	18	3	2	21	583562.30
09.12	4146	1.99	50	26	5.5	1.5	8	10.9	4.1	11.5	23K	.2	.8	.4	240	-	33	67	63	37	28	17	3	2	20	586971.35
10.12	4201	2.02	49	26	5.5	2	11	10.9	4.2	12	23K	.25	.9	.4	220	-	34	66	63	37	29	18	4	3	23	592325.80
11.12	4220	2.02	48	25	5	1.5	8.5	10.8	4.3	12	23K	.2	.8	.35	280	-	34	66	60	35	27	17	4	3	23	597372.75
12.12	4220	2.05	69	33	7	2	12	10.0	4.3	13	23K	.2	.7	.4	280	-	35	65	80	47	34	21	4	3	22	700995.95
13.12	4220	2.05	63	29	6.5	2	11	10.0	4.4	13	23K	.2	.7	.4	280	-	35	65	71	42	30	19	3	3	22	700995.95

DATE SPUD:

DATE T.D.:

COST:

TABLE B-6 (Cont.):

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DATE	DEPTH	WT.	VIS		CORR. 115°F		GELS		pH		FLUID LOSS		CL	ALKALINITY			RETORT			V.G. METER READING @ 115°						Bbl	TOTAL MUD COST
			SEC.	PV	YP	0	10	BECK STRIP	100 PSI API	500 PSI 300 °F HT-MP	CA	PF		PM	MF	%	%	%	800 R.P.M.	300 R.P.M.	200 R.P.M.	100 R.P.M.	6 R.P.M.	3 R.P.M.	CEC		
14.12	4220	2,04	61	28	6,5	2	11	10,10	4,4	13	23K	.2	.7	.4	280	-	35	65	69	41	29	19	3	3	22	701829.23	
15.12	4220	2,04	61	28	6,5	2	11	9,9	4,4	13	23K	.2	.6	.4	280	-	35	65	69	41	29	19	3	3	22	703318.23	
16.12	4220	2,04	61	28	6,5	2	11	9,9	4,4	13	23K	.2	.6	.4	280	-	35	65	69	41	29	19	3	3	22	703318.23	
17.12	4220	2,04	63	29	6	2	11	9,9	4,4	13	23K	.2	.6	.4	280	-	35	65	70	41	30	19	3	3	22	703318.23	
18.12	4226	2,02	59	29	8	2	11	10,3	3,4	12	23K	.3	.7	.5	280	-	35	65	74	45	33	22	5	4	22	712227.96	
19.12	4253	2,02	53	29	8	15	9	10,6	3,5	12	23K	.3	.7	.4	260	-	35	65	74	45	33	20	4	3	22	717821.98	
20.12	4301	2,02	57	29	8	2	12	10,4	3,4	12	23K	.2	.5	.35	240	-	35	65	74	45	32	20	4	3	22	724476.55	
21.12	4326	2,02	58	28	8	2	12	10,7	3,6	12	23K	.3	.6	.35	260	-	35	65	72	44	32	19	5	3	22	727500.88	
22.12	4373	2,02	55	29	10	2	13	10,3	3,6	11,5	23K	.25	.5	.35	320	-	35	65	74	45	32	20	4	3	22	737033.31	
23.12	4390	2,02	53	27	8,5	2	10	10,4	2,5	11,6	23K	.2	.5	.35	280	-	35	65	71	44	33	21	4	3	25	741800.66	
24.12	4417	2,02	53	28	7	2	10	10,2	3,0	11,6	23K	.2	.5	.4	280	-	35	65	70	42	32	20	4	3	25	747389.84	
25.12	4422	2,02	55	28	6,5	1,5	10	10,4	3,0	12,0	24K	.25	.5	.35	280	-	35	65	69	41	31	30	4	3	25	749866.39	
26.12	4438	2,02	54	24	5	1,5	9	10,5	3,0	11,6	24K	.3	.55	.4	260	-	35	65	58	34	26	16	3	3	25	752281.14	
27.12	4515	2,02	56	25	6	1,5	11	10,5	3,6	12,8	24K	.35	.5	.5	280	-	35	65	62	37	28	17	4	3	26	757435.29	
28.12	4554	2,02	57	26	6	2	13	10,6	3,6	12,2	24K	.2	.4	.4	280	-	35	65	64	38	29	18	4	3	26	766351.61	
29.12	4554	2,02	62	25	6,5	1,5	13	10,5	3,6	10,6	24K	.2	.4	.45	260	-	35	65	63	38	28	17	3	3	26	766351.61	
30.12	4607	2,02	53	25	5	1,5	11	10,4	3,6	10,4	23K	.2	.4	.4	200	-	35	65	60	35	26	16	3	3	25	779835.45	
31.12	4652	2,02	51	25	5	1,5	12	10,4	3,8	9,8	23K	.2	.35	.45	240	-	34,5	65,5	60	35	26	16	3	2	24	783753.09	
01.01	4703	2,02	52	24	5	1,5	10	10,5	3,7	9,6	23K	.2	.4	.35	280	-	35	65	58	34	25	15	3	2	24	786500.73	
02.01	4703	2,02	55	24	4,5	1,5	10,5	10,7	3,7	10	24K	.25	.55	.4	260	-	35	65	57	33	24	15	3	2	25	789651.63	
03.01	4703	2,02	54	24	4,5	1,5	9	10,6	3,8	9,2	23K	.25	.6	.5	200	-	35	65	57	33	24	14	3	2	24	789651.63	
04.01	4703	2,02	55	22	3,5	1	8	10,5	3,8	9,4	23K	.25	.5	.45	220	-	34,5	65,5	51	29	21	13	3	2	24	789651.63	
05.01	4703	1,98	50	20	3,5	1	7	10,9	3,9	9,8	23K	.25	.6	.4	240	-	33	67	47	27	19	11	2	1	24	790881,03	
06.01	4703	1,98	52	22	4	1	8	10,9	3,7	9,4	23K	.2	.6	.4	220	-	33	67	52	30	22	13	3	2	24	790881,03	
07.01	4703	1,98	55	22	4	1	8,5	10,6	3,7	9,4	23K	.2	.55	.4	240	-	33	67	52	30	21	13	3	2	24	790881,03	
08.01	4703	1,98	55	22	4	1	8,5	10,6	3,7	9,4	23K	.2	.55	.4	240	-	33	67	52	30	21	13	3	2	24	790881,03	
09.01	4703	1,98	48	22	3,5	1	6	10,5	4,0	9,8	23K	.2	.6	.5	200	-	33	67	51	29	21	12	2	1	23	799826,53	
10.01	4600	1,98	49	24	4	1,5	13	10,3	4	10	23K	.2	.5	.5	200	-	33	67	55	31	23	14	3	2	23	800388,98	

DATE SPUD:

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COST:

TABLE B-6 (Cont.)



DAILY MUD PROPERTIES

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DATE	DEPTH	WT.	SEC.	VIS		CORR. 115°F		GELS		pH		FLUID LOSS		CL	□	ALKALINITY			RETORT			V.G. METER READING @ 115°						Bbl	TOTAL MUD COST
				PV	YP	0	10	BECK STRIP □	100 PSI API	500 PSI 300 °F HT-HP	CACL □	NACL □	PF			PM	MF	CA ppm	% OIL	% SOL	% WATER	600 R.P.M.	300 R.P.M.	200 R.P.M.	100 R.P.M.	6 R.P.M.	3 R.P.M.		
11.01	4600	1,98	49	24	4	1.5	12	10.4	4	10	23K	.2	.5	.5	200	-	33	67	56	32	23	15	4	2	23	804558.18			
12.01	4546	1,98	57	24	6.5	2	13	10.5	3.6	10	23K	.2	.6	.4	200	-	33	67	53	31	22	14	3	2	23	807254.73			
13.01	4546	1,98	60	26	8	2	13	10.6	3.8	10	23K	.2	.6	.4	320	-	33	67	68	43	32	22	6	5	23	807769.86			
14.01	4546	1,98	65	25	9	2	13	10.6	3.8	10	23K	.2	.6	.4	160	-	33	67	68	43	32	21	6	4	23	808663.26			
15.01	4546	1,98	68	26	10	3	14	10.9	5.4	-	23K	.35	1.1	.6	240	-	33	67	72	46	36	24	7	5	23	809781.13			
16.01	4546	1,98	72	26	10	3	14	11.0	5.6	-	23K	.4	1.1	.6	240	-	33	67	72	46	35	23	7	6	23	809781.13			
17.01	4546	1,98	73	26	10	3	14	10.9	5.6	-	23K	.4	1.0	.6	240	-	33	67	72	46	36	24	7	5	23	809781.13			
18.01	4546	1,98	73	27	9	5	18	11.0	5.4	-	23K	.41	1.1	.6	200	-	33	67	72	45	35	23	6	4	23	811357.73			
19.01	4546	1,98	72	27	9	5	17	11.0	5.4	-	23K	.4	1.1	.16	240	-	33	67	72	45	36	24	7	5	23	811357.73			
20.01	4546	1,98	56	25	7	2	17	10.9	5.0	-	23K	.4	1.0	.5	200	-	33	67	64	39	30	18	4	4	23	813438.55			
21.01	4490	1,98	57	25	6.5	2	16	10.9	4.6	-	23K	.4	1.0	.5	240	-	33	67	63	38	29	18	4	3	23	814629.75			
22.01	4490	1,98	64	25	7	2	17	10.7	4.8	-	23K	.35	0.8	.5	160	-	33	67	64	39	30	18	4	3	23	814629.75			
23.01	4490	1,98	67	25	7	2	18	10.6	5.0	-	23K	.35	0.7	.5	160	-	33	67	64	39	30	18	4	3	23	814629.75			
24.01	4490	1,98	58	24	6	1.5	7	11.0	5.8	-	22K	.35	1.2	.6	200	-	33	67	60	36	27	16	4	3	23	816416.55			
25.01	4490	1,98	50	22	4	1	6	11.0	5.0	-	22K	.3	1.2	.45	200	-	33	67	52	30	21	12	2	1	22	823189.77			
26.01	4490	1,98	54	25	5	1.5	9	10.9	5.4	-	22K	.3	1.5	.45	200	-	33	67	60	35	24	15	3	2	22	831479.17			
27.01	4441	1,98	52	23	4.5	1.5	8	10.8	5.2	-	21K	.25	1.0	.4	180	-	33	67	55	32	22	14	3	2	21	240010.45			
28.01	4441	1,98	48	21	4	1	6	10.7	5.6	-	17K	.25	.7	.4	240	-	33	67	50	29	21	12	2	1	18	842293.25			
29.01	4441	1,98	52	21	4.5	1	6	10.7	5.6	-	15K	.25	.7	.4	240	-	33	67	51	30	21	13	2	1	18	---			
30.01	4441	1,98	52	25	5.5	1.5	9	10.7	5.6	-	16K	.2	.7	.45	280	-	33	67	61	36	24	15	3	2	18	852033.54			
31.01	4428	1,98	50	25	5	1	7.5	10.5	5.4	-	17K	.2	.6	.4	300	-	33	67	60	35	24	14	3	2	18	---			
01.02	4428	1,98	55	25	5.5	1.5	8	10.6	5.8	-	17K	.2	.6	.35	300	-	32	68	61	36	24	15	3	2	18	854019.14			
02.02	4428	1,98	58	24	4	1.5	9.5	10.6	5.8	-	17K	.2	.5	.4	300	-	33	67	56	32	24	14	3	2	17	856883.67			
03.02	4428	1,98	53	23	4.5	1.5	8	10.5	5.4	-	15K	.15	.7	.35	280	-	33	67	55	32	24	15	3	2	16	863683.57			
04.02	4428	1,98	53	23	4.5	1.5	8	10.5	5.4	-	15K	.15	.7	.35	280	-	33	67	55	32	24	15	3	2	16	863683.57			
05.02	4428	1,98	55	24	5	1.5	10	10.4	5.8	-	15K	.2	.6	.35	320	-	32	68	58	34	25	16	3	2	15	866165.37			
06.02	4428	1,98	55	24	5	1.5	10	10.5	5.8	-	15K	.2	.6	.35	320	-	32	68	58	34	25	16	3	2	15	866760.97			
07.02	4428	0,98	56	25	4.5	1.5	10	10.5	6.0	-	15K	.2	.6	.35	300	-	32	68	59	34	25	16	3	2	15	866760.97			

DATE SPUD:

DATE T.O.:

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TABLE B-6 (Cont.)



DAILY MUD PROPERTIES

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DATE	DEPTH	WT.	VIS		CORR. 115°F		GELS		pH		FLUID LOSS		CL <input checked="" type="checkbox"/>		ALKALINITY			RETORT			V.G. METER READING @ 115°						Bbl	TOTAL MUD COST
			SEC.	PV	YP	Pa	Pa	BECKSTRIP <input checked="" type="checkbox"/>	100 PSI API	500 PSI 300 °F HT-HP	CACL <input type="checkbox"/>	NACL <input type="checkbox"/>	PF	PM	MF	CA ppm	% OIL	% SOL	% WATER	800 R.P.M.	300 R.P.M.	200 R.P.M.	100 R.P.M.	6 R.P.M.	3 R.P.M.	CEC		
08.02	4428	1.98	56	25	5	1.5	11	10.5	6.0	-	15K	.2	.6	.35	300	-	32	68	60	35	26	16	3	2	15	868101.07		
09.02	4428	1.98	55	25	5	2	11	10.4	6.0	-	15K	.2	.5	.35	320	-	32	68	60	35	26	16	3	2	15	868101.07		
10.02	4428	1.98	54	24	5	2	16	10.4	6.0	-	15K	.2	.5	.35	320	-	32	68	58	34	26	17	5	3	15	868101.07		
11.02	4428	1.98	55	24	4	2	15	10.1	6.0	-	15K	.15	.4	.35	320	-	32	68	56	32	24	14	4	2	15	870632.37		
12.02	4428	1.98	54	24	5	2	16	10.0	6.0	-	15K	.1	.3	.3	340	2	32	66	58	34	26	16	4	3	15	870632.37		
13.02	4428	1.98	57	31	4.5	3	15	9.9	6.4	-	15K	.1	.3	.3	320	1	32	67	71	40	30	19	4	3	15	872865.67		
14.02	3550	1.98	54	30	5	3	14	9.5	7.4	-	15K	.1	.25	.4	320	TR	32	68	70	40	30	19	4	3	15	874056.87		
15.02	3550	1.85	63	28	6	3	15	9.8	8.0	-	15K	.1	.4	.3	360	TR	28	72	68	40	29	19	5	4	15	876885.57		
16.02	2624	1.85	56	28	5	3	14	9.7	8.0	-	15K	.1	.3	.3	360	TR	28	72	66	38	27	18	4	3	15	879565.77		
17.02	1000	1.48	52	19	1.5	2	15	9.2	6.8	-	15K	.05	.3	.1	320	-	18	82	61	42	33	22	5	4	15	880756.77		
18.02	-	1.48	63	19	10	2	15	9.2	7.0																15	881352.37		

DATE SPUD:

DATE T.O.:

COST:

TABLE B-6 (Cont.)

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