

WELL 6506/12-3

DATE 04.05.1985

RUN NO. 3A

## PRETEST RECORDED DATA

TAB

TABLE 2.1.2 - STRAIN GAUGE

Max. recorded temp.: 122.2° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	3825	-	-	-	-	-	-	-	-	-	Hole washed out
2	3828	-	-	-	-	-	-	-	-	-	"
3	3832	-	-	-	-	-	-	-	-	-	"
4	3839	110,5	456.51	453.93	-	-	-	-	-	-	"
5	3841	110,5	456.83	454,14	-	-	-	-	-	-	Tight formation
6	3840.5	110,5	456.69	454.07	2.18	240	402.43	401.18	456.69	454.07	Fair perm
7	3847.5	113.1	457.31	454.69	1.15	450	403.56	402.29	457.31	454.69	Low perm (super-charged)
8	3850	113.1	457.65	454.69	294.87	96	403.66	400.98	457.65	454.96	Fair perm
9	3857	113.1	458.48	455.79	287.21	78	403.74	401.08	458.55	455.86	"
10	3863	113.1	459.24	456.55	382.43	12	404.63	401.25	459.20	456.48	Good perm
11	3865	115.8	459.38	456.62	382.78	24	404.04	401.32	459.38	456.62	"
12	3875	115.8	460.44	457.65	388.01	30	404.46	401.67	460.44	457.65	"
13	3885	115.8	461.65	458.82	369.98	18	404.98	402.22	461.58	458.82	"
14	3895	117.2	462.62	459.86	389.95	12	405.49	402.70	462.54	459.79	"
15	3900	117.2	463.17	460.11	287.97	120	405.80	402.98	463.17	460.41	"
16	3905	117.2	463.75	461.03	361.33	108	406.11	403.35	463.82	461.03	"
17	3918	119.4	465.13	462.34	-	-	-	-	-	-	Tight formation
18	3919.2	119.4	465.27	462.48	-	-	-	-	-	-	"
19	3961	119.8	470.06	467.31	322.44	72	414.87	412.04	470.06	467.31	Fair perm
20											

WELL 6506/12-3

DATE 06.05.1985

RUN NO. 3B

### PRETEST RECORDED DATA

TAB

TABLE 2.1.3 - STRAIN GAUGE

Max. recorded temp.: 114.4° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1					UPPER TOMMA FORMATION						
2	3863	109.6	462.27	460.00	382.64	60	403.18	400.91	462.76	460.48	Sample
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
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19											
20											

WELL 6506/12-3

DATE 06.05.1985

RUN NO. 3C

PRETEST RECORDED DATA

TAB

TABLE 2.1.4- STRAIN GAUGE

Max. recorded temp.: 131.6° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1					ALDRA FORMATION						
2	4302.5	132.0	512.53	510.19	440.69	42	444.55	442.28	512.53	510.19	Good perm
3	4306.0	132.0	513.19	510.88	441.93	12	444.90	442.62	513.09	510.74	"
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
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19											
20											

6506/12-3

WELL

## PRETEST RECORDED DATA

TAB

DATE 07.05.1985

TABLE 2.1.5- STRAIN GAUGE

Max. recorded temp.: 126.1° C

RUN NO. 3D

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	3971	-	-	-	-	-	-	-	-	-	Seal failure
2	3970.5	-	-	-	-	-	-	-	-	-	"
3	3989	-	-	-	-	-	-	-	-	-	"
4	3961	110.5	439.66	437.45	349.61	54	413.84	411.66	439.62	437.38	Fair perm
5	3999	-	-	-	-	-	-	-	-	-	Tight formation
6	3998	112.7	443.65	441.38	2.46	228	418.94	416.70	443.66	441.45	(Super-Low perm charged)
7	3970	113.4	440.52	438.28	1.78	342	413.91	411.73	440.04	437.80	Low perm
8	3971	115.5	440.52	438.28	397.67	42	414.04	411.87	440.55	438.35	High perm
9	3987	-	-	-	-	-	-	-	-	-	Seal failure
10	3994	-	-	-	-	-	-	-	-	-	"
11	3997	-	-	-	-	-	-	-	-	-	Tight formation
12	3998	114.8	443.45	441.17	2.12	360	419.14	416.91	443.41	441.17	(Super-Low perm charged)
13	399.5	114.8	443.55	441.28	1.63	378	417.18	414.91	443.69	441.41	Low perm
14	3996	-	-	-	-	-	-	-	-	-	Seal failure
15	4072	-	-	-	-	-	-	-	-	-	Tight formation
16	4073	-	-	-	-	-	-	-	-	-	Seal failure
17	4166.5	114.8	461.48	459.17	252.60	90	435.55	433.31	461.48	459.17	Good perm
18	4167	-	-	-	-	-	-	-	-	-	Seal failure
19	4168	118.6	461.44	459.17	219.23	66	435.66	433.38	461.41	459.10	Good perm
20	4187	118.6	463.65	461.38	11.84	78	436.76	434.49	463.65	461.38	"

WELL 6506/12-3

DATE 07.05.1985

RUN NO. 3D, cont.

## PRETEST RECORDED DATA

TAB

TABLE 2.1.6 - STRAIN GAUGE

Max. recorded temp.: 126.1° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4208	-	-	-	-	-	-	-	-	-	Tight formation
2	4211	119.8	466.13	463.86	1.78	276	442.34	440.07	466.48	464.20	(super-charged)
3	4232	119.8	468.58	466.34	428.90	84	438.42	436.14	468.72	466.48	High permeability
4	4239.5	119.8	469.41	467.17	413.73	84	438.86	436.62	469.72	467.31	"
5	4245.5	122.4	469.99	467.72	426.07	72	439.04	436.69	470.23	467.99	"
6	4288	-	-	-	-	-	-	-	-	-	Seal failure
7	4308.5	124.2	476.58	474.34	422.49	102	445.24	442.97	476.85	474.61	High perm
8	4311.9	-	-	-	-	-	-	-	-	-	Seal failure
9	4312	-	-	-	-	-	-	-	-	-	"
10	4339.5	-	-	-	-	-	-	-	-	-	"
11	4342.5	-	-	-	-	-	-	-	-	-	"
12											
13											
14	4232	125.1	-	-	-	-	-	-	-	-	Sample attempt
15	4231.5	125.1	-	-	-	-	-	-	-	-	"
16	4231	126.4	468.06	465.72	432.60	12	437.90	435.59	468.62	466.34	Sampling
17											
18											
19											
20											

WELL 6506/12-3

DATE 07.05.1985

RUN NO. 3E

## PRETEST RECORDED DATA

TAB

TABLE 2.1.7- STRAIN GAUGE

Max. recorded temp.: 142.2° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	3865	119.4	429.45	426.63	378.36	24	404.22	401.39	429.52	426.70	Good perm
2	3905	120.7	433.62	430.76	368.95	24	406.01	403.18	433.69	430.83	"
3	3952	122.7	438.76	435.93	392.22	12	414.56	411.73	438.90	436.00	"
4	3956.5	122.7	439.04	436.21	2.81	370	415.08	412.25	439.11	436.28	Supercharged
5	3959.9	123.7	439.45	436.62	330.03	192	414.87	412.08	439.45	436.62	Good perm
6	3962	124.2	439.69	436.83	107.39	174	415.70	412.84	439.76	436.90	Low perm
7	3961	-	-	-	-	-	-	-	-	-	Tight formation
8	3961.5	-	-	-	-	-	-	-	-	-	"
9	3999	-	-	-	-	-	-	-	-	-	"
10	3999.5	125.4	443.55	440.69	1.98	210	416.70	413.87	443.63	440.83	Low perm
11	3998.5	-	-	-	-	-	-	-	-	-	Tight formation
12	4168	129.7	462.00	459.17	57.83	102	437.04	434.14	461.96	459.17	Fair perm
13	4239.5	133.1	469.51	466.65	408.66	102	439.66	436.76	469.68	466.82	Good perm
14	4245	133.1	470.23	467.37	426.59	17	439.73	436.79	470.10	467.17	"
15	4308	-	-	-	-	-	-	-	-	-	Tight formation
16	4308.5	-	-	474.00	-	-	-	443.1	-	-	Good perm
17											
18	4308.1	135.2	476.61	473.71	-	-	-	-	-	-	Sampling
19											
20											

WELL 6506/12-3

DATE 08.05.1985

RUN NO. 3F

## PRETEST RECORDED DATA

TAB

TABLE 2.1.8 - STRAIN GAUGE

Max. recorded temp.: 140.6° C

Test No.	Depth m	Tem C	Log hydr. before t. bar	Corr. hydr. before t. bar	Draw down bar	Build up time sec	Low Pretest pressure bar	Cor. Pretest pressure bar	Log hydr. after t. bar	Cor. hydr. after t. bar	Remarks
1	4339	141.5	479.75	476.89	433.73	42	449.41	446.48	479.82	476.96	Very good perm
2	4342	141.5	480.06	477.19	423.32	24	449.66	446.76	480.09	477.23	"
3	4343.5	-	-	-	-	-	-	-	-	-	Tight formation
4	4343.1	141.5	-	477.4	-	-	-	447.0	-	-	Very good perm
5	4343.3	141.5	480.30	477.41	358.30	24	449.83	446.90	480.27	477.37	"
6	4343.4	-	-	477.4	-	-	-	446.3	-	-	"
7	4309.0	141.5	476.51	473.58	406.15	30	447.34	444.45	476.51	473.58	"
8	4315.3	-	-	-	-	-	-	-	-	-	Tight formation
9	4310	141.0	476.72	473.82	407.87	12	446.38	443.52	476.75	473.86	Low perm
10	4310.3	-	-	473.9	-	-	-	443.4	-	-	Very good perm
11	4310.2	141.4	476.65	473.72	389.60	12	446.21	443.31	-	-	Good perm
12	4310.9	141.4	476.68	473.75	252.46	36	446.17	443.31	-	-	Sampling
13											
14											
15											
16											
17											
18											
19											
20											

WELL 6506/12-3

DATE 04.05.1985

RUN NO. 3A

## PRETEST RECORDED DATA

TABLE 2.1.9- HP-gauge

TAB

Max. recorded temp.: 122.2° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	3825	-	-	-	-	-	-	-	-	-	Hole washed out
2	3828	-	-	-	-	-	-	-	-	-	"
3	3832	-	-	-	-	-	-	-	-	-	"
4	3839	110.5	-	-	-	-	-	-	-	-	"
5	3841	110.5	-	-	-	-	-	-	-	-	Tight formation
6	3840.5	110.5	-	453.61	-	-	-	400.79	-	453.52	Fair perm
7	3847.5	113.1	-	454.61	-	-	-	402.15	-	454.47	Low perm <sup>(Super-charged)</sup>
8	3850	113.1	-	455.01	-	-	-	400.86	-	454.84	Fair perm
9	3857	113.1	-	455.61	-	-	-	400.79	-	455.66	"
10	3863	113.1	-	456.37	-	-	-	400.93	-	456.06	Good perm
11	3865	115.8	-	456.50	-	-	-	401.12	-	456.50	"
12	3875	115.8	-	457.49	-	-	-	401.50	-	457.40	"
13	3885	115.8	-	458.64	-	-	-	401.94	-	458.50	"
14	3895	117.2	-	459.81	-	-	-	402.54	-	459.60	"
15	3900	117.2	-	460.29	-	-	-	402.80	-	460.16	"
16	3905	117.2	-	460.70	-	-	-	403.04	-	460.74	"
17	3918	119.4	-	-	-	-	-	-	-	-	Tight formation
18	3919.5	119.4	-	-	-	-	-	-	-	-	"
19	3961	119.8	-	467.12	-	-	-	411.79	-	467.00	Fair perm
20											



WELL 6506/12-3

DATE 06.05.1985

RUN NO. 3B

## PRETEST RECORDED DATA

TAB

TABLE 2.1.10- HP-Gauge

Max. recorded temp.: 114.4° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1							UPPER TOMMA FORMATION				
2	3863	109.6	-	459.62	-	-	-	400.92	-	459.65	Sample
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
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18											
19											
20											

WELL 6506/12-3

DATE 06.05.1985

RUN NO. 3C

## PRETEST RECORDED DATA

TAB

TABLE 2.1.11 - HP-Gauge

Max. recorded temp.: 131.6° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4302.5	132.0	-	-	-	-	-	442.28	-	-	Not stabilized
2	4306.0	132.0	-	-	-	-	-	442.73	-	-	"
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
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19											
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WELL 6506/12-3

DATE 07.05.1985

RUN NO. 3D

## PRETEST RECORDED DATA

TAB

TABLE 2.1.12 - HP-Gauge

Max. recorded temp.: 126.1° C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	3971	-	-	-	-	-	-	-	-	-	Seal failure
2	3970.5	-	-	-	-	-	-	-	-	-	"
3	3989	-	-	-	-	-	-	-	-	-	"
4	3961	110.5	-	-	-	-	-	411.16	-	-	Not stabilized
5	3999	-	-	-	-	-	-	-	-	-	Tight formation
6	3998	112.7	-	-	-	-	-	416.81	-	-	Not stabilized
7	3970	113.4	-	-	-	-	-	412.30	-	-	"
8	3971	113.5	-	438.35	-	-	-	412.17	-	438.28	High perm
9	3987	-	-	-	-	-	-	-	-	-	Seal failure
10	3994	-	-	-	-	-	-	-	-	-	"
11	3997	-	-	-	-	-	-	-	-	-	Tight formation
12	3998	114.8	-	-	-	-	-	417.08	-	-	Not stabilized
13	3999.5	114.8	-	-	-	-	-	414.84	-	-	"
14	3996	-	-	-	-	-	-	-	-	-	Seal failure
15	4072	-	-	-	-	-	-	-	-	-	Tight formation
16	4073	-	-	-	-	-	-	-	-	-	Seal failure
17	4166.5	114.8	-	-	-	-	-	433.63	-	-	Not stabilized
18	4167.5	-	-	-	-	-	-	-	-	-	Seal failure
19	4168	118.6	-	-	-	-	-	434.02	-	-	Not stabilized
20	4187	118.6	-	-	-	-	-	434.45	-	-	"

WELL 6506/12-3

DATE 07.05.1985

RUN NO. 3D, cont.

## PRETEST RECORDED DATA

TAB

TABLE 2.1.13 - HP-Gauge

Max. recorded temp.: 126.10 C

Test No.	Depth	Tem	Log hydr. before t.	Corr. hydr. before t.	Draw down	Build up time	Log Pretest pressure	Cor. Pretest pressure	Log hydr. after t.	Cor. hydr. after t.	Remarks
	m	C	bar	bar	bar	sec	bar	bar	bar	bar	
1	4208	-	-	-	-	-	-	-	-	-	Tight formation
2	4211	119.8	-	-	-	-	-	439.95	-	-	Not stabilized
3	4232	119.8	-	-	-	-	-	436.33	-	-	"
4	4239.5	119.8	-	-	-	-	-	436.44	-	-	"
5	4245.5	122.4	-	-	-	-	-	436.71	-	-	"
6	4288.1	-	-	-	-	-	-	-	-	-	Seal failure
7	4308.5	124.2	-	-	-	-	-	443.20	-	-	Not stabilized
8	4311.9	-	-	-	-	-	-	-	-	-	Seal failure
9	4312.0	-	-	-	-	-	-	-	-	-	"
10	4339.5	-	-	-	-	-	-	-	-	-	"
11	4242.5	-	-	-	-	-	-	-	-	-	"
12											
13	4232	125.1	-	-	-	-	-	-	-	-	Sample attempt
14	4231.5	125.1	-	-	-	-	-	-	-	-	"
15	4231	126.4	-	-	-	-	-	436.02	-	-	Sampling
16											
17											
18											
19											
20											

WELL

6506/12-3

DATE

07.05.1985

RUN NO.

3E

## PRETEST RECORDED DATA

TAB

TABLE 2.1.14 - HP-Gauge

Max. recorded temp.: 142.2° C

Test No.	Depth m	Tem C	Log hydr. before t. bar	Corr. hydr. before t. bar	Draw down bar	Build up time sec	Log Pretest pressure bar	Cor. Pretest pressure bar	Log hydr. after t. bar	Cor. hydr. after t. bar	Remarks
1	3865	119.4	-	-	-	-	-	401.18	-	-	Not stabilized
2	3905	120.7	-	-	-	-	-	403.12	-	-	"
3	3952	122.7	-	435.68	-	-	-	411.39	-	435.64	Good perm
4	3956.5	122.7	-	436.22	-	-	-	412.18	-	436.12	Supercharged
5	3959.9	123.7	-	436.66	-	-	-	411.87	-	436.40	Good perm
6	3962	124.2	-	436.73	-	-	-	412.67	-	436.70	Low perm
7	3961	-	-	-	-	-	-	-	-	-	Tight formation
8	3961.5	-	-	-	-	-	-	-	-	-	"
9	3999	-	-	-	-	-	-	-	-	-	Not available
10	3999.5	125.4	-	-	-	-	-	-	-	-	"
11	3998.5	-	-	-	-	-	-	-	-	-	"
12	4168	129.7	-	-	-	-	-	-	-	-	"
13	4239.5	133.1	-	-	-	-	-	-	-	-	"
14	4245	133.1	-	-	-	-	-	-	-	-	"
15	4308	-	-	-	-	-	-	-	-	-	"
16	4308.5	-	-	-	-	-	-	-	-	-	"
17											
18	4308.1	135.2	-	-	-	-	-	-	-	-	"
19											
20											

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FLOW DATA  
6506/12-3

Test no.	Formation	Perf. int. (mRKB)	Flow-period no	Duration (min)	Choke (mm)	Liquid rate (sm3/d)	Gas rate (1000 sm3/d)	Gor (sm3/sm3)	Water rate (sm3/d)	Oil dens. (kg/m3)	Gas sp.g. (air=1)	WHP (Bar)	WHT (°C)	BHP (Bar)	Reserv. press. (Bar)
1	Aldra	4222-4241	1	496	25.4	815.0	377.1	463	0	813	0.803	83.2	74	401.77	436.1
			2	717	12.7	463.0	241.4	521	0	815	0.850	176.3	56	418.26	
			3	679	22.2	742.0	373.3	503	0	802	0.847	-	-	406.23	
			B.H.S..	295	7.9	178.0	95.1	514	0	803	0.891				
2	Aldra	4165-4170	1	783	25.4	53.8	66.8	1241	0	820	0.907	12.8	14	58.40	433.7
3	Lower Tomma	3960-3980	1	655	25.4	297.3	445.6	1499	0	794	0.755	74.0	63	249.9	412.0
			2	785	14.3	255.6	334.2	1307	0	793	0.741	151.3	64	305.9	
			3	715	31.8	328.9	453.1	1378	0	787	0.745	63.3	54	257.2	
4	Upper Tomma	3880.5-3890	1	560	28.6	787.9	418.0	531	0	820	0.765	90.7	81	398.2	402.0
			2	596	12.7	485.8	255.3	526	0	820	0.770	186.9	60	401.8	
			3	481	23.8	777.3	396.5	510	0	820	0.764	96.8	78	401.3	
			B.H.S.	-	7.9	85.9	41.6	484	0	820	0.785	212.7	25.5		
5	Upper Tomma	3822-3836	1	1335	9.5	91.8	27.9	304	0	830	0.797	73.1	19.0	227.3	397.6
			1B	146	12.7	156.2	37.6	241	0	830	0.787	34.5	18.5	137.5	
6	Finnvær	3162-3173	1	207	11.1	329.4	57.1	173	436.4	803	0.797	165.0	70	437	460.1
			2	89	12.7	406.3	74.4	183	477.0	803	0.734	148.0	71	436.4	
			3	474	12.7	326.5	72.4	221	353.7	806	0.790	147.4	83	433.1	
			4	156	12.7	358.0	71.0	198	387.8	809	0.792	147.0	85	433	
			5	125	19.1	582.7	109.6	188	712.2	807	0.780	99.9	86	422	
			5B	500	15.9	499.0	91.4	183	499.0	815	0.780	129.8	88	423	







OPERATOR STACIL

WELL NO. 6506/12-3

# MATERIAL CONSUMPTION & COST ANALYSIS

17 1/2" HOLE DRILLED TO 2250 <sup>Meters</sup>~~Feet~~ 13 3/8" CASING SET AT 2240 <sup>Meters</sup>~~Feet~~

ACTUAL AMOUNT OF HOLE DRILLED 1295 <sup>Meters</sup>~~Feet~~ DAYS ON INTERVAL 14

DRILLING FLUID SYSTEM GEL/CMC/LIGNO

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	COST
ANCOBAR	M/T	148	580	85,840.-
WYOMING BENTONITE	M/T	380	36	13,680.-
WYOMING BENTONITE	50 kg	20	58	1,160.-
CAUSTIC SODA	25 kg	20	120	2,400.-
SODA ASH	50 kg	21	9	189.-
SFERCELL C	25 kg	19.50	241	4,699.50
DESCO	25 lbs	51	67	3,417.-
GYPSUM	40 kg	10.56	483	5,100.48
CMC LOVIS	25 kg	65	255	16,575.-
CMC HIVIS	25 kg	67	73	4,891.-
DRISPAC REGULAR	25 kg	154	3	462.-
ANCONCL DEFOAMER	25 ltr	118	4	472
ALUMINIUM STEARATE	25 kg	89	3	267.-
NUTPLUG FINE	25 kg	22	31	682.-

COST/DAY US\$ 9,998.21 COST FOR INTERVAL US\$ 139,834.98

COST/METER US\$ 107.98



OPERATOR STATOIL

WELL NO. 6506/12-3

# MATERIAL CONSUMPTION & COST ANALYSIS

12 1/4	HOLE DRILLED TO	3830	Meters <del>Feet</del>	9 5/8	CASING SET AT	3809	Meters <del>Feet</del>
ACTUAL AMOUNT OF HOLE DRILLED		1580	Meters <del>Feet</del>	DAYS ON INTERVAL		24	
DRILLING FLUID SYSTEM		GYP/LIGNO					

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	COST
ANCOBAR	M/T	148	879	130,092.-
WYOMING BENTONITE	M/T	380	14	5,320.-
CAUSTIC SODA	25 kg	20	486	9,720.-
SODIUM BICARBONATE	50 kg	24	10	240.-
SPERCELL C	25 kg	19.50	684	13,338.-
DESCO	25 lbs	51	335	17,085.-
LIGNITE	25 kg	32	42	1,344
LIGNITE, CAUSTICZIED	25 kg	25	253	6,325
ANCO RESIN	25 kg	81.25	73	5,931.25
GYPSUM	40 kg	10.56	894	9,440.64
CMC LOVIS	25 kg	65	229	14,885.-
CMC HIVIS	25 kg	67	150	10,050.-
ANONOL DEFOAMER	25 ltr.	118	4	472.-

COST/DAY	US\$ 9,343.45	COST FOR INTERVAL	US\$ 224,242.89
COST/METER	US\$ 141.93		

OPERATOR STATOIL

WELL NO. 6506/12-3

# MATERIAL CONSUMPTION & COST ANALYSIS

HOLE DRILLED TO  Meters  CASING SET AT  Meters  
Feet Feet

ACTUAL AMOUNT OF HOLE DRILLED  Meters  DAYS ON INTERVAL  
Feet

DRILLING FLUID SYSTEM

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	COST
ANCOBAR	M/T	148	91	13,468.-
WYOMING BENTONITE	M/T	380	84	31,920.-
CAUSTIC SODA	25 kg	20	194	3,880.-
SODA ASH	50 kg	21	20	420.-
SODIUM BICARBONATE	50 kg	24	15	360.-
SPERCELL C	25 kg	19.50	120	2,340.-
LIGNITE CAUSTICIZED	25 kg	25	272	6,800.-
ANCO RESIN	25 kg	81.25	58	4,712.50
CMC LOVIS	25 kg	65	47	3,055.-
CMC HIVIS	25 kg	67	139	9,313.-
DRISPAC REGULAR	25 kg	154	50	7,700.-
ANCONOL DEFOAMER	25 ltr.	118	5	590.-

COST/DAY  COST FOR INTERVAL   
 COST/METER

OPERATOR STATOIL

WELL NO. 6506/12-3

# MATERIAL CONSUMPTION & COST ANALYSIS

## TESTING

HOLE DRILLED TO  Meters Feet CASING SET AT  Meters Feet

ACTUAL AMOUNT OF HOLE DRILLED  Meters Feet DAYS ON INTERVAL

DRILLING FLUID SYSTEM

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	COST
ANCOBAR	M/T	148	362	53,576.-
WYOMING BENTONITE	M/T	380	21	7,980.-
WYOMING BENTONITE	50 kg	20	7	140.-
CAUSTIC SODA	25 kg	20	8	160.-
SODA ASH	50 kg	21	5	105.-
SODIUM BICARBONATE	50 kg	24	83	1,992.-
SPERCELL C	25 kg	19.50	170	3,315.00
DESCO	25 lbs	51	13	663.-
LIGNITE, CAUSTICZIED	25 kg	25	25	625.-
ANCO RESIN	25 kg	81.25	46	3,737.50
CMC HIVIS	25 kg	67	16	1,072.-
DRISPAC REGULAR	25 kg	154	21	3,234.-
ANCONOL DEFOAMER	25 ltr.	118	1	118.-
DRILLING DETERGENT	200 ltr.	495	1	495.-

COST/DAY  COST FOR INTERVAL

COST/

OPERATOR STATOIL

WELL NO. 6506/12-3

# TOTAL CONSUMPTION & COST ANALYSIS

TOTAL DEPTH 4360 Meters Feet      TOTAL HOLE DRILLED 4034 Meters Feet

TOTAL DAYS 71 + 55 days TESTING

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	COST
ANCOBAR	M/T	148	2,075	307,100.-
WYOMING BENTONITE	M/T	380	240	91,200.-
WYOMING BENTONITE	50 kg	20	125	2,500.-
CAUSTIC SODA	25 kg	20	908	18,160.-
SODA ASH	50 kg	21	51	1,071.-
SODIUM BICARBONATE	50 kg	24	108	2,592.-
SPERCELL C	25 kg	19.50	1,215	23,692.50
DESCO	25 lbs	51	415	21,165.-
LIGNITE	25 kg	32	42	1,344.-
CAUSTICIZED LIGNITE	25 kg	25	550	13,750.-
ANCO RESIN	25 kg	81.25	177	14,381.25
CMC LV	25 kg	65	531	34,515.-
CMC HV	25 kg	67	378	25,326.-
DRISPAC REGULAR	25 kg	154	74	11,396.-
GYPSUM	40 kg	10.56	1,377	14,541.12
ANCONOL DEFOAMER	25 l	118	14	1,652.-
ALUM. STEARATE	25 kg	89	3	267.-
NUT PLUG FINE	25 kg	22	31	682.-
CaCl <sub>2</sub>	50 kg	38	90	3,420.-
DRILLING DETERGENT	200 l.	495	1	495.-

COST/DAY US\$      TOTAL CHEMICAL COSTS US\$ 589,249.87

COST/METER US\$ 126.93      EXCLUSIVE TESTING US\$ 512,037.37

TOTAL DRILLING FLUID RELATED COSTS

