

TABLE 2
TABELL 2

FORMATION PRESSURE RESULTS
FORMASJONSTRYKK RESULTATER

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RFT RUN NO.	LOGGED DEPTH m.br.f	HYDROSTATIC PRESSURE PSIA	FORMATION PRESSURE PSIA	REMARKS
LOGGING NR.	LOGGET DYP	HYDROSTATISK TRYKK	FORMASJONSTRYKK	BEMERKNINGER
5A-1	3773.0	4836	4489.8	Tight
5A-2	3778.0	4838.2	4503.0	Tight
5A-3	3778.5	4834.7	-	Tight
5A-4	3781	4840	-	Tight
5A-5	3782	4843	-	Tight
5A-6	3785	4853	-	Tight
5A-7	3790.5	4860	4372.4	
5A-8	3797	4866	4278.8	
5A-9	3803	4870	4286	
5A-10	3806	4871	4291.2	
5A-11	3809	4875	4295	
5A-12	3814	4880	4308.2	
5A-13	3816.5	4881	4304	
5A-14	3820.5	4884	4318.5	
5A-15	3824.5	4889	4344	
5A-16	3827	4894	4362.2	
5A-17	3830.5	4898	4369	Tight
5A-18	3832.5	4902	4383	
5A-19	3834	4904	4371.9	Sample #1
5B-20*	3797	(4879)	(4280)	Sample #2

NOTES *) Pressure measurement from Strain Gauge due to H.P. Gauge (run 5A) failure.
NOTATER

REFERENCE:
REFERANSER

PETROLEUM ENGINEERING & GEARHART WELL REPORT.

TABLE 2
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RFT RUN NO.	LOGGED DEPTH m.br.t	HYDROSTATIC PRESSURE PSIA	FORMATION PRESSURE PSIA	REMARKS
LOGGING NR.	LOGGET DYP	HYDROSTATISK TRYKK	FORMASJONSTRYKK	BEMERKNINGER
* 6C-1	3827	(4892)	-	Tight
6C-2	3829.5	(4876)	-	Tight
6C-3	3834	(4886)	(4360.5)	
6C-4	3837	(4889)	-	Tight
6C-5	3839.5	(4886)	-	Tight
6C-6	3841.3	(4888)	-	Tight
6C-7	3842.5	(4889)	(4356)	
6C-8	3842.2	(4886)	(4355)	Sample #3

NOTES
NOTATER

*) The H.P. Gauge used in run 6C was different from that used in 5A. The H.P. Gauge pressure measurements from run 6C are therefore not consistent and should be viewed with caution.

REFERENCE: PETROLEUM ENGINEERING &
REFERANSER GEARHART WELL REPORT.

Mud Type	Day No	Date	Depth	Hole Size	MudWt S.G	VISCOSITY FV PV YP	GELS 0 10	p.H	Pf	Mf	FILTRATION API HTHP Cake	Solids % corr	Oil %	Water %	Sand %	T.H mg/1	O/W RATIO	LGS/HGS ppb	MBT ppb	KCl ppb	Pore S.G	Press Volts	E.S	Chlorides mg/1	NOTES	
SPUD	1	20/ 6	174	32.00	1.10	90		10.5																	DRILD 32"HOLE TO 174M.RUN 26"CONDUCTOR	
Q MIX	2	21/ 6	174	17.50	1.10	75 11 18	10 45	10.0																		RUN & CEMENT 26"CONDUCTOR
	3	22/ 6	634	17.50	1.22	45 5 24	18 25	9.2	.1	.3	20	1	16		1	12000			22.5						13000	DRILLED 17.5"HOLE TO 670 M
	4	23/ 6	1008	17.50	1.30	50 8 30	22 26	8.8	.1	.3			10		.5	1400			27.5						15000	DRILLED SECTION TO TD,1008M
	5	24/ 6	1008	17.50	1.30	50 8 30	22 26	8.8	.1	.3	29	3	10		.5	400			22.5						14500	RUN&CEMENTED 13 3/8"CSG O.K.
OBM	6	25/ 6	1088	12.25	1.30	180 42 20	4 9				2.0	1	12	68	.5	78/22								1140	90000	MAKING UP 12.25" BHA
	7	26/ 6	1120	12.25	1.37	110 45 17	4 9				4.4	2	15	64	.75	76/24	20	191						1260	115000	DRILLED 12.25"HOLE
	8	27/ 6	1751	12.25	1.50	84 55 18	4 9				6.6	2	17	60	.5	77/23	48	234						1320	130000	DRILLED TO 1751M.
	9	28/ 6	2544	12.25	1.50	78 53 16	4 8				4.0	2	19	64	.5	80/20	25	243						1020	153000	DRILLED TO 2544M.
	10	29/ 6	2657	12.25	1.51	90 56 16	4 9				4.0	2	21	63	.5	80/20	35	250						1260	156000	DRILLED TO SECTION TD 2657M.
	11	30/ 6	2657	12.25	1.53	154 60 15	4 10				3.0	1	21	63	.5	80/20	35	255						1000	150300	RUN & CEMENTED 9 5/8"CASING SUCCESSFULLY
OBM	12	1/ 7	2657	8.50	1.50	124 67 20	6 13				2.5	1	21	60	.5	77/23	30	264						800	133600	DRILLED 9 5/8"SHOE TRACK & CEMENT
OBM	13	2/ 7	2860	8.50	1.50	97 65 20	6 11				2.5	1	20	61	.75	77/23	30	229						1000	140000	DRILLED 8.5"HOLE TO 2878M
OBM	14	3/ 7	2920	8.50	1.51	78 57 13	5 9				2.8	1	20	62	.5	79/21	26	251						1050	144000	DRILLED TO 2924M.
OBM	15	4/ 7	2992	8.50	1.50	84 60 17	5 11				2.5	1	21	62	.5	81/19	41	240						1000	147000	DRILLED TO 2996M.
OBM	16	5/ 7	3054	8.50	1.50	85 60 20	6 12				2.4	1	20	63	.5	81/19	30	255						940	145000	DRILLED TO 3054M.POOK FOR BITCHANGE.
OBM	17	6/ 7	3204	8.50	1.50	89 59 17	5 10				2.3	1	20	61	.4	80/20	58	231						800	146000	DRILLED AHEAD TO 3220M
OBM	18	7/ 7	3398	8.50	1.50	94 61 17	6 11				2.2	1	23	62	.4	81/19	62	225						960	150000	DRILLED TO 3398 M.
OBM	19	8/ 7	3505	8.50	1.50	92 58 17	5 10				2.2	1	23	61	.4	80/20	59	229						1150	158000	DRILLED TO 3518 M.
OBM	20	9/ 7	3782	8.50	1.52	81 55 14	4 9				2.2	1	22	63	.4	82/18	37	257						1120	155000	INCR.MUDWT.TO 1.52 SG.DRILLED TO 3784M.
OBM	21	10/ 7	3789	8.50	1.52	143 60 16	4 9				2.3	1	23	63	.4	83/17	53	245						1450	166000	DRILLED TO 3789 M.
OBM	22	11/ 7	3797	8.50	1.52	133 64 18	5 9				2.2	1	22	63	.5	82/18	41	250						1280	162000	LOGGED. DRILLED TO 3797 M.
OBM	23	12/ 7	3787	8.50	1.52	143 62 17	5 10				2.2	1	22	63	.5	82/18	41	257						1380	162000	RUNNING 7" LINER.
OBM	24	13/ 7	3787	8.50	1.52	145 64 18	5 9				2.2	1	22	63	.5	82/18	45	230						1440	162000	LANDED AND CEMENTED 7" LINER.
OBM	25	14/ 7	3797	6.00	1.56	185 98 30	7 16				2.6	1	21	56	23	.4	72/28	19	17	56.0				900	124000	PRESS.TEST 7" LINER.
OBM	26	15/ 7	3801	6.00	.90	54 16 19	5 14				5.0	1	4	86	10	.2	90/10	40	6	86.0				1400	125000	DRILLED TO 3801 M.
OBM	27	16/ 7	3802	6.00	.91	56 13 11	6 15				9.0	1	5	85	10	.1	90/10	18	19	85.0				2000	128000	CUT CORE.
OBM	28	17/ 7	3811	6.00	.91	70 17 9	6 15				9.0	1	4	87	9	.1	90/10	41	5	87.0				2000	128000	CUT CORE TO 3811 M.
OBM	29	18/ 7	3830	6.00	.91	76 17 9	7 16				6.0	1	6	85	9	.1	90/10	28	17	85.0				2000	126000	CUT CORE TO 3830 M.
OBM	30	19/ 7	3842	6.00	.91	82 21 10	8 19				6.0	1	4	87	9	.1	90/10	22	17	87.0				2000	138000	CUT CORE TO 3842 M.
OBM	31	20/ 7	3842	6.00	.91	82 21 10	8 19				6.0	1	3	86	11	.1	90/10	9	21	86.0				2000	139000	CONT.LOGGING.
OBM	32	21/ 7	3852	6.00	.91	96 22 10	6 18				6.0	1	3	89	9	.1	91/9			89.0				2000	135000	DRILLED TO 3852 M.
OBM	33	22/ 7	3852	6.00	.90	96 23 11	6 20				6.0	1	3	89	9		91/9	19	18	89.0				2000	135000	CONT. LOGGING.
OBM	34	23/ 7	3852	6.00	.91	95 21 10	10 20				6.0	1	4	87	9		91/9			87.0				2000	133000	SET BOTTOM CEMENT-PLUG
OBM	35	24/ 7	3852	6.00	1.51	150 99 37	10 25				5.0	1	19	60	21		75/25			60.0				600	110000	DISP.TO 1.51 SG OBM.

Example: Well Mud volume distribution summary

June/July 1988

Well: 7/12-7

Rig: Vildkat

Hole size	Hole from-to	Hole length	Mud/brine built/RCVO bbl	Dumped/sub surface loss	Lost to formation	Lost over solids control equipment	Mud left between csg/csg left in hole	Cuttings volume drilled/CORED	Mud transf. to next sec	Mud type used for interval
36"	95-174 m	79 m	1320 bbl	1037 bbl	- bbl	- bbl	- bbl	41 bbl	283 bbl	Bentonite/S.W.
17 1/2"	174-1008 m	834 m	2662 bbl	2095 bbl	- bbl	810 bbl	- bbl	129.5 bbl	NIL bbl	Q-MIX/S.W.
12 1/4"	1008-2657m	1649 m	971/1082bbl	- bbl	- bbl	244 bbl	158 bbl	bbl	2908 bbl	SAFEMUL PE/FL
8 1/2"	2657-3757m	1140 m	467/- bbl	- bbl	- bbl	467 bbl	- bbl	263 bbl	NIL bbl	- " -
6"	3797-3852m	55 m	1197/893bbl	- bbl	- bbl	61 bbl	450 bbl	6 bbl	1579 bbl	- " - 0.9 sg.

Totals: Safemul OBM:

Mud/Brine built/PCVD / red 6577/1975	bbls
Mud/Brine dumped	3132 bbls
Mud/Brine lost to formation	bbls
Mud/Brine lost over solids control equipment	1582 bbls
Mud/Brine left between csg/csg	608 bbls

Total Mud/Brine left in hole/+ between csg/csg:	bbls
Total Mud/Brine to sea	: 4714 bbls
Total cuttings volume drilled	: bbls

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BP PETROLEUM DEVELOPMENT NORWAY WELL NO: 7/12-7

AVERAGE DRILLING FLUID PROPERTIES BY SECTION

32" SECTION			17 1/2" SECTION			12 1/4" SECTION			8 1/2" SECTION			6" SECTION		
ESTIMATED	ACTUAL		ESTIMATED	ACTUAL		ESTIMATED	ACTUAL		ESTIMATED	ACTUAL	ESTIMATED	ACTUAL		
DENSITY	MINIMUM	1.1	DENSITY	MIN.	1.23	DENSITY	1.2-1.58	1.45	DENSITY	1.58-1.68	1.51	DENSITY	.85-.9	.91
VISCOSITY	100-120	90	VISCOSITY	50-70	55	VISCOSITY	80-100	116	VISCOSITY	80-100	107	VISCOSITY	50-70	78
PV			PV	MIN.	9	PV	18-45	51.8	PV	28-50	61	PV	15-25	19
YP			YP	ca 25	25.5	YP	15-20	17	YP	12-20	17.2	YP	10-15	11
GELS			GELS	N.R	18/31	GELS	+5/10-15	4/9	GELS	+5/15-20	5/10	GELS	+5/15-35	7/17
API CC			API CC	+/- 20	25.5	API CC	N.R	N.R.	API CC	N.R	N.R.	API CC	N.R	0
HP/HT CC			HP/HT CC	N.R	N.R.	HP/HT CC	4-6	4	HP/HT CC	4-6	2.35	HP/HT CC	<8	6.5
FILTER CAKE			FILTER CAKE	N.R	2	FILTER CAKE	2	1.67	FILTER CAKE	1	1	CAKE	1	1
PH	10.5	10.5	PH	9.5	9.2	Mp	N.R	2.93	Mp	N.R	3.16	Mp	N.R	2
PF			PF	N.R	.1	OIL %	N.R	63.7	OIL %	N.R	62	OIL %	N.R	87
MF			MF	N.R	.3	WATER %	N.R	18.8	WATER %	N.R	17	WATER %	N.R	10.5
HARDNESS MG/L			HARDNESS MG/L	N.R	1000	CACL2 % BY WT.	19-21	18.4	CACL2 % BY WT.	19-21	20.1	CACL2 %WT	19-21	17.6
CHLORIDES MG/L			CHLORIDES MG/L	N.R	14167	CHLORIDES MG/L	140-160	132383	CHLORIDES MG/L	140-160K	151585	CHLORIDES MG/L	120-140K	131888
SOLIDS %			SOLIDS %	N.R	12	SOLIDS %	11-18	17.5	SOLIDS %	20-28	21	SOLIDS %	<5	3.7
SAND %			SAND %	N.R	.67	SAND %	.5	.55	SAND %	.5	.48	SAND %	<.5	.11
AV. SG SOLIDS			AV. SG SOLIDS	N.R	N.R.	AV. SG SOLIDS	N.R	3.93	AV. SG SOLIDS	N.R	3.77	AV. SG SOLIDS	N.R	2.69
M.B.T PPB			M.B.T PPB	N.R	24.17	O/W RATIO	80/20	78.5/21.5	O/W RATIO	80/20	80.5/19.5	O/W RATIO	90/10	90/10
KCL PPB			KCL PPB	N.R		E.S.(VOLTS)	600-1000	1167	E.S.(VOLTS)	600-1000	1105	E.S.(VOLTS)	600-1000	<2000
						EXCESS LIME PPB	3-5	3.17	EXCESS LIME PPB	3-5	4.1	EXCESS LIME PPB	3-5	2.27

MUD MATERIAL COST SUMMARY

BP PETROLEUM DEV. NORWAY, WELL NO: 7/12-7 ULA

RIG: VILDKAT

PRODUCT	UNIT SIZE	UNIT COST	32" HOLE			CONCENTRATION LBS-LT/BBL
			NOK	USED	COST	
ANCOBAR	M.T.	530.00				
ANCOBAR	50 KG	45.00				
BENTONITE	M.T.	1400.00	23	32200.00	407.59	38.33
BENTONITE	25 KG	35.00				
HEC	25 KG	700.00				
CMC HI-VIS	25 KG	270.00				
WALNUT (F)	25 KG	71.00				
WALNUT (M)	25 KG	71.00				
WALNUT (C)	25 KG	71.00				
MICA (F)	25 KG	71.00				
MICA (M)	25 KG	71.00				
MICA (C)	25 KG	71.00				
KWIKSEAL(M)	40 LB	185.00				
DEFOAMER	28 KG	247.00				
DETERGENT	200 LT	970.00				
FREEPIPE W	200 LT	3730.00				
DEGREASER	LIT					
ZINC OXIDE	25 KG	280.00				
CAUSTIC	25 KG	70.00	30	2100.00	26.58	1.25
SODA ASH	30 KG	80.00				
LIGNO	25 KG	86.00	15	1290.00	16.33	.63
ANCOWASH	200 L	3366.00				
ANCOLIG C	25 KG	192.00				
BASE OIL(MUD)	BBLS	311.38				
BASE OIL(OTH)	BBLS					
SAFEMUL P/VIS	LIT	20.06				
CAL CHLORIDE	KG	2.70				
LIME	KG	1.40				
SAFEMUL	BBLS	300.00				
SAFEMUL PE	LIT	7.25				
SAFEMUL FL	LIT	18.40				
SAFEMUL LFL	LIT	14.20				
SAFEMUL OW	LIT	11.85				
SAFEMUL VIS	KG	12.51				
BBLS MIXD		1320.00				
SECTION COST				35590.00		
SECTION DAYS		1.00				
COST PER DAY		35590.00				
SECTION LENGTH		79.00				
COST PER METRE		450.51				

MUD MATERIAL COST SUMMARY

BP PETROLEUM DEV. NORWAY, WELL NO: 7/12-7 ULA

RIG: VILDKAT

PRODUCT	UNIT SIZE	UNIT COST	17.5" HOLE			CONCENTRATION	
			NOK	USED	COST	COST/m	LBS-LT/BBL
ANCOBAR	M.T.	530.00	177		93810.00	112.48	208.35
ANCOBAR	50 KG	45.00					
BENTONITE	M.T.	1400.00	26		36400.00	43.65	30.60
BENTONITE	25 KG	35.00	15		525.00	.63	.44
HEC	25 KG	700.00					
CMC HI-VIS	25 KG	270.00	39		10530.00	12.63	1.15
WALNUT (F)	25 KG	71.00					
WALNUT (M)	25 KG	71.00					
WALNUT (C)	25 KG	71.00					
MICA (F)	25 KG	71.00					
MICA (M)	25 KG	71.00					
MICA (C)	25 KG	71.00					
KWIKSEAL(M)	40 LB	185.00					
DEFOAMER	28 KG	247.00					
DETERGENT	200 LT	970.00	4		3880.00	4.65	.43
FREELPIPE W	200 LT	3730.00					
DEGREASER	LIT						
ZINC OXIDE	25 KG	280.00					
CAUSTIC	25 KG	70.00	62		4340.00	5.20	1.82
SODA ASH	30 KG	80.00	1		80.00	.10	.04
LIGNO	25 KG	86.00	77		6622.00	7.94	2.27
ANCOWASH	200 L	3366.00					
ANCOLIG C	25 KG	192.00					
BASE OIL(MUD)	BBLs	311.38					
BASE OIL(OTH)	BBLs						
SAFEMUL P/VIS	LIT	20.06					
CAL CHLORIDE	KG	2.70					
LIME	KG	1.40					
SAFEMUL	BBLs	300.00					
SAFEMUL PE	LIT	7.25					
SAFEMUL FL	LIT	18.40					
SAFEMUL LFL	LIT	14.20					
SAFEMUL OW	LIT	11.85					
SAFEMUL VIS	KG	12.51					
BBLs MIXD		1869.00					
SECTION COST					156187.00		
SECTION DAYS		4.00					
COST PER DAY		39046.75					
SECTION LENGTH		834.00					
COST PER METRE		187.27				187.27	

MUD MATERIAL COST SUMMARY

BP PETROLEUM DEV. NORWAY, WELL NO: 7/12-7 ULA

RIG: VILDKAT

PRODUCT	UNIT SIZE	UNIT COST NOK	12.25" HOLE			CONCENTRATION LBS-LT/BBL
			USED	COST	COST/m	
ANCOBAR	M.T.	530.00	180	95400.00	57.85	407.83
ANCOBAR	50 KG	45.00				
BENTONITE	M.T.	1400.00				
BENTONITE	25 KG	35.00	23	805.00	.49	1.30
HEC	25 KG	700.00				
CMC HI-VIS	25 KG	270.00				
WALNUT (F)	25 KG	71.00				
WALNUT (M)	25 KG	71.00				
WALNUT (C)	25 KG	71.00				
MICA (F)	25 KG	71.00				
MICA (M)	25 KG	71.00				
MICA (C)	25 KG	71.00				
KWIKSEAL(M)	40 LB	185.00				
DEFOAMER	28 KG	247.00				
DETERGENT	200 LT	970.00				
FREEPIPE W	200 LT	3730.00				
DEGREASER	LIT					
ZINC OXIDE	25 KG	280.00				
CAUSTIC	25 KG	70.00	4	280.00	.17	.23
SODA ASH	30 KG	80.00				
LIGNO	25 KG	86.00				
ANCOWASH	200 L	3366.00				
ANCOLIG C	25 KG	192.00				
OTHER						
OTHER						
OTHER						
BASE OIL(MUD)	BBLs	311.38	735	228864.30	138.79	
BASE OIL(OTH)	BBLs					
SAFEMUL P/VIS	LIT	20.06	700	14042.00	8.52	.72
CAL CHLORIDE	KG	2.70	10236	27637.20	16.76	23.19
LIME	KG	1.40	1330	1862.00	1.13	3.01
SAFEMUL	BBLs	300.00				
SAFEMUL PE	LIT	7.25	2132	15457.00	9.37	2.20
SAFEMUL FL	LIT	18.40	1026	18878.40	11.45	1.06
SAFEMUL LFL	LIT	14.20				
SAFEMUL OW	LIT	11.85	600	7110.00	4.31	.62
SAFEMUL VIS	KG	12.51	5600	70056.00	42.48	12.69
BBLs MIXD		971.00				
SECTION COST				480391.90		
SECTION DAYS		6.00				
COST PER DAY		80065.32				
SECTION LENGTH		1649.00				
COST PER METRE		291.32			291.32	

MUD MATERIAL COST SUMMARY

BP PETROLEUM DEV. NORWAY, WELL NO:7/12-7 ULA

RIG: VILDKAT

PRODUCT	UNIT SIZE	UNIT COST NOK	8.5" HOLE			CONCENTRATION
			USED	COST	COST/m	LBS-LT/BBL
ANCOBAR	M.T.	530.00	152	80560.00	70.67	716.06
ANCOBAR	50 KG	45.00				
BENTONITE	M.T.	1400.00				
BENTONITE	25 KG	35.00	31	1085.00	.95	3.65
HEC	25 KG	700.00				
CMC HI-VIS	25 KG	270.00				
WALNUT (F)	25 KG	71.00				
WALNUT (M)	25 KG	71.00				
WALNUT (C)	25 KG	71.00				
MICA (F)	25 KG	71.00				
MICA (M)	25 KG	71.00				
MICA (C)	25 KG	71.00				
KWIKSEAL(M)	40 LB	185.00				
DEFOAMER	28 KG	247.00	12	2964.00	2.60	1.58
DETERGENT	200 LT	970.00				
FREEPIPE W	200 LT	3730.00				
DEGREASER	LIT					
ZINC OXIDE	25 KG	280.00				
CAUSTIC	25 KG	70.00	2	140.00	.12	.24
SODA ASH	30 KG	80.00				
LIGNO	25 KG	86.00				
ANCOWASH	200 L	3366.00				
ANCOLIG C	25 KG	192.00				
BASE OIL(MUD)	BBLs	311.38	284	88431.92	77.57	
BASE OIL(OTH)	BBLs					
SAFEMUL P/VIS	LIT					.00
CAL CHLORIDE	KG	2.70	2080	5616.00	4.93	9.80
LIME	KG	1.40	5295	7413.00	6.50	24.94
SAFEMUL	BBLs	300.00				
SAFEMUL PE	LIT	7.25	4680	33930.00	29.76	10.02
SAFEMUL FL	LIT	18.40	1620	29808.00	26.15	3.47
SAFEMUL LFL	LIT	14.20				
SAFEMUL OW	LIT	11.85	4500	53325.00	46.78	9.64
SAFEMUL VIS	KG	12.51	3540	44285.40	38.85	16.68
BBLs MIXD		467.00				
SECTION COST				347558.32		
SECTION DAYS		13.00				
COST PER DAY		26735.26				
SECTION LENGTH		1140.00				
COST PER METRE		304.88			304.88	

MUD MATERIAL COST SUMMARY

BP PETROLEUM DEV.NORWAY, WELL NO:7/12-7 ULA

RIG: VILDKAT

PRODUCT	UNIT SIZE	UNIT COST	6" HOLE			CONCENTRATION	
			NOK	USED	COST	COST/m	LBS-LT/BBL
ANCOBAR	M.T.	530.00	96		50880.00	925.09	279.37
ANCOBAR	50 KG	45.00					
BENTONITE	M.T.	1400.00					
BENTONITE	25 KG	35.00	6		210.00	19.09	3.65
HEC	25 KG	700.00					
CMC HI-VIS	25 KG	270.00					
WALNUT (F)	25 KG	71.00					
WALNUT (M)	25 KG	71.00					
WALNUT (C)	25 KG	71.00					
MICA (F)	25 KG	71.00					
MICA (M)	25 KG	71.00					
MICA (C)	25 KG	71.00					
KWIKSEAL(M)	40 LB	185.00					
DEFOAMER	28 KG	247.00	4		988.00	89.82	.62
DETERGENT	200 LT	970.00					
FREEPIPE W	200 LT	3730.00					
DEGREASER	LIT						
ZINC OXIDE	25 KG	280.00					
CAUSTIC	25 KG	70.00	2		140.00	12.73	.09
SODA ASH	30 KG	80.00					
LIGNO	25 KG	86.00					
ANGOWASH	200 L	3366.00					
ANCOLIG C	25 KG	192.00					
XC-POLYMER	50LBS	2043.00	6		12258.00	1114.36	.25
ANCOPAC	200 L	4352.00	1		4352.00	395.64	.17
BRINOX	25 LTR	550.00	1		550.00	50.00	.02
BASE OIL(MUD)	BBLS	311.38	981		305463.78		
BASE OIL(OTH)	BBLS						
SAFEMUL P/VIS	LIT	20.06	650		13039.00	237.07	.54
CAL CHLORIDE	KG	2.70	2337		6309.90	5.27	3.82
LIME	KG	1.40	1650		2310.00	1.93	9.73
SAFEMUL	BBLS	300.00					
SAFEMUL PE	LIT	7.25	1135		8228.75	6.87	.95
SAFEMUL FL	LIT	18.40	1711		31482.40	26.30	1.43
SAFEMUL LFL	LIT	14.20	3785		53747.00	44.90	3.16
SAFEMUL OW	LIT	11.85	1734		20547.90	17.17	1.45
SAFEMUL VIS	KG	12.51	9389		117456.39	98.13	17.26
CACO3	25 KG	55.00	50		2750.00	250.00	2.30
BBLS MLXD		1197.00					
SECTION COST					630713.12		
SECTION DAYS		11.00					
COST PER DAY		57337.56					
SECTION LENGTH		55.00					
COST PER METRE		11467.51					