



PRELIMINARY TEST RESULTS
WELL 6406/3-1

TEST NO. 1

PERF. INTV. : 3782.5 - 3787.5 M RKB

OPERATION : INITIAL FLOW : 1 MIN
INITIAL B.U. : 60 MINS
FINAL FLOW : 618 MINS
FINAL B.U. : 583 MINS

RESULTS : WATER RATE : 1469 M³/D
GAS RATE : 8763 SM³/D
F WHP : 107 BAR
F BHP : 586 BAR
BHP : 672 BAR
BHT : 140 DEG C

OPERATOR STATOIL

WELL NO. 6406/3-1

MATERIAL CONSUMPTION & COST ANALYSIS

36"	HOLE DRILLED TO	353	Meters feet	30"	CASING SET AT	352	Meters feet	
ACTUAL AMOUNT OF HOLE DRILLED			75.5	Meters feet	DAYS ON INTERVAL			3
DRILLING FLUID SYSTEM		SPUD MUD						

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	US\$COST
WYOMING BENTONITE	M/T	380.-	53	20,140.-
SODA ASH	50 KG	21.-	13	273.-
CAUSTIC SODA	25 KG	20.-	23	460.-

COST/DAY	US\$ 6,957.67	COST FOR INTERVAL	US\$ 20,873.-
COST/ M	US\$ 276.46		

OPERATOR STATOIL

WELL NO. 6406/3-1

MATERIAL CONSUMPTION & COST ANALYSIS

26" HOLE DRILLED TO 962 ^{Meters} ~~xxxx~~ 20" CASING SET AT 945 ^{Meters} ~~xxxx~~

ACTUAL AMOUNT OF HOLE DRILLED 610 ^{Meters} _{Feet} DAYS ON INTERVAL 8

DRILLING FLUID SYSTEM SPUD MUD

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	US\$ COST
ANCOBAR	M/T	148 -	159	23,532.-
WYOMING BENTONITE	M/T	380.-	108	41,040
CAUSTIC SODA	25 KG	20.-	113	2,260.-
SODA ASH	50 KG	21.-	26	546.-
BENTONITE	50 KG	18.-	267	4,806.-

COST/DAY US\$ 9,023.-

COST FOR INTERVAL US\$ 72,184.-

COST/ MT US\$ 118.33

OPERATOR STATOIL

WELL NO. 6406/3-1

MATERIAL CONSUMPTION & COST ANALYSIS

17 1/2" HOLE DRILLED TO 2177 ^{Meters} ~~XXXX~~ 13 3/8" CASING SET AT 2151 ^{Meters} ~~XXXX~~

ACTUAL AMOUNT OF HOLE DRILLED 1215 ^{Meters} ~~XXXX~~ DAYS ON INTERVAL 16

DRILLING FLUID SYSTEM GYP/LIGNO

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	COST
ANCOBAR	M/T	148.-	1046	154,808.-
WYOMING BENTONITE	M/T	380.-	36	13,680.-
BENTONITE	50 KG	18.-	300	5,400.-
SODA ASH	50 KG	21.-	9	189.-
CAUSTIC SODA	25 KG	20.-	231	4,620.-
SPERCELL C	25 KG	19.50	497	9,691.50
DESCO	25 LBS	38.-	166	6,308.-
CMC LOVIS	25 KG	65.-	182	11,830.-
CMC HIVIS	25 KG	67.-	97	6,499.-
GYPSUM	40 KG	13.20	704	9,292.80
ANCOMEL	25 KG	52.-	100	5,200.-
NUTPLUG COARSE	25 KG	22.-	44	968.-
MICA FINE	25 KG	22.-	76	1,672.-
ANCONOL DEFOAMER	LTR.	4.72	126	590.-
ANCO DETERGENT	200 LTR.	495.-	4	1,980.-

COST/DAY US\$ 14,545.52 COST FOR INTERVAL US\$ 232,728.30
COST/MT US\$ 191.55

OPERATOR STATOIL

WELL NO. 6406/3-1

MATERIAL CONSUMPTION & COST ANALYSIS

12 1/4" HOLE DRILLED TO 3775 Meters ~~FIXX~~ 9 5/8" CASING SET AT 3769 Meters ~~FIXX~~

ACTUAL AMOUNT OF HOLE DRILLED 1595 Meters ~~FIXX~~ DAYS ON INTERVAL 26

DRILLING FLUID SYSTEM GYP/ LIGNO

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	US\$ COST
ANCOBAR	M/T	148.-	1152	170,496.-
WYOMING BENTONIT	M/T	380.-	34	12,920.-
SPERCELL C	25 KG	19.50	851	16,594.50
CAUSTIC SODA	25 KG	20.-	280	5,600.-
CMC LOVIS	25 KG	65.-	284	18,460.-
SODA ASH	30 KG	21.-	5	105.-
BICARBONATE	50 KG	24.-	9	216.-
CMC HIVIS	25 KG	67.-	3	201.-
GYPSUM	50 KG	13.20	673	8,883.60
ANCO DETERGENT	200 LTR.	495.-	4	1,980.-
LIGNITE	25 KG	32.-	84	2,688.-
ANCO RESIN	25 KG	81.25	50	4,062.50
DESCO	25 LBS	38.-	322	12,236.-

COST/DAY US\$ 9,786.25 COST FOR INTERVAL US\$ 254,442.60

COST/ MT US\$ 159.53

OPERATOR STATOIL

WELL NO. 6406/3-1

MATERIAL CONSUMPTION & COST ANALYSIS

8 1/2" HOLE DRILLED TO 4498 Meters Feet 7" CASING SET AT 4470 Meters Feet
ACTUAL AMOUNT OF HOLE DRILLED 723 Meters Feet DAYS ON INTERVAL 24
DRILLING FLUID SYSTEM GEL/LIGNO/LIGNITE

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	US\$ COST
ANCOBAR	M/T	148	637	94,276.-
WYOMING BENTONITE	M/T	380	22	8,360.-
SPERCELL C	25 KG	19.50	503	9,808.50
CAUSTIC SODA	25 KG	20	110	2,200.-
CMC LOVIS	25 KG	65	56	3,640.-
SODA ASH	30 KG	21	13	273.-
CMC HIVIS	25 KG	67	23	1,541.-
CHROME LIGNITE	25 KG	32	317	10,144.-
SODIUM BICARONBATE	50 KG	24	94	2,256.-
Zn CO ₃	25 KG	90	3	270.-
ANCO DETERGENT	200 L	495	5	2,475.-
IMCO SPOT	25 KG	99	200	19,800.-
PIPE LAX	200 L	1,089.-	10	10,890.-
DESCO	25 LBS	38.-	93	3,534.-

COST/DAY US\$ 7,061.15 COST FOR INTERVAL US\$ 169,467.50
COST/MT US\$ 234.39

OPERATOR STATOIL

WELL NO. 6406/3-1

MATERIAL CONSUMPTION & COST ANALYSIS

HOLE DRILLED TO Meters CASING SET AT Meters
XXX XXX Feet
 ACTUAL AMOUNT OF HOLE DRILLED Meters DAYS ON INTERVAL
XXX

DRILLING FLUID SYSTEM

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	US\$ COST
ANCOBAR	M/T	148,-	287	42,476.-
WYOMING BENTONITE	M/T	380.-	7	2,660.-
SPERCELL C	25 KG	19.50	147	2,866.50
CAUSTIC SODA	25 KG	20.-	72	1,440.-
SODA ASH	50 KG	21.-	2	42.-
CHROME LIGNITE	25 KG	32.-	129	4,128.-
DESCO	25 LBS	38.-	59	2,242.-
SODIUM BICARBONATE	50 KG	24.-	13	312.-
ANCO RESIN	25 KG	81.25	122	9,912.50
DRISPAC REGULAR	25 KG	154.-	3	462.-
XC POLYMER	25 KG	395.-	4	1,580.-
BENTONITE	50 KG	18.-	3	54.-

COST/DAY COST FOR INTERVAL

COST/ MT

*INCLUDES DAYS FOR TESTING AND PLUG AND ABANDON.

OPERATOR STATOIL

WELL NO. 6406/3-1

TOTAL CONSUMPTION & COST ANALYSIS

TOTAL DEPTH 4902 Meters
xxxx

TOTAL HOLE DRILLED 4624.5 Meters
xxxx

TOTAL DAYS 110

MATERIAL	UNIT SIZE	UNIT PRICE	CONSUMPTION	US\$ COST
ANCOBAR	M/T	148.-	3281	485,588.-
WYOMING BENTONITE	M/T	380.-	260	98,800.-
BENTONITE	50 KG	18.-	570	10,260.-
CAUSTIC SODA	25 KG	20.-	829	16,580.-
SODA ASH/ SOD. BICARBONATE	50 KG	21.-/24.-	68/116	4.212.-
DRISPAC REG./XC POLYMER	25 KG	154.-/395.-	3/4	2,042.-
SPERCELL C	25 KG	19.50	1998	38,961.-
DESCO	25 LBS	38.-	640	24,320.-
CMC LOVIS	25 KG	65.-	522	33,930.-
CMC HIVIS	25 KG	67.-	123	8,241.-
GYPSUM	50 KG	13.20	1377	18,176.40
CHROME LIGNITE	25 KG	32.-	530	16,960.-
ANCO RESIN	25 KG	81.25	172	13,975.-
ANCO DETERGENT	200 L	495.-	13	6,435.-
ANCOMEL	25 KG	52.-	100	5,200.-
ANCONOL DEFOAMER	LTR	4.72	125	590.-
NUT PLUG COARSE	25 KG	22.-	44	968.-
MICA FINE	25 KG	22.-	76	1,672.-
ZnCO ₃	25 KG	90.-	3	270.-
IMCO SPOT	25 KG	99.-	200	19,800.-
PIPELAX	200 L	1,089.-	10	10,890.-

COST/DAY US\$ 8,142.-

TOTAL CHEMICAL COSTS US\$ 817,870.40

COST/MT US\$ 193.67

TOTAL ENGINEERING CHARGES US\$ 77,750.-

TOTAL DRILLING FLUID RELATED COSTS US\$ 895,620.40

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG. ROSS ISLE
 ENGINEERS TORGENSEN/MARKEN/CHAVEZ

Drilling Mud Properties Record

MUD SYSTEM SPUD MUD

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> Meter	MUD PROPERTIES																		OPERATION REMARKS				
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	VISCOSITY				GELS 0	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis			RETORT		BENTONITE #/BBL	EXCESS GYP #/bbl	POLYMER #/BBL		"N"	"K"		
				sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						10	Cl ⁻ ppm	Ca. ++ ppm	Pf	% OIL							% SOLIDS	% SAND
1	27/ 4	297	1.09	150																					
2	28/ 4	349	1.07	110																					
3	29/ 4	353	1.07	150																					
4	30/ 4	354	1.06	52	20.5	5	31	14/15			11.0											.19	11.18		
5	1/ 5	748	1.09	47	22.0	4	36	18/21			10.2												.14	16.98	
6	2/ 5	962	1.09	39	14.5	3	23	12/14			10.4												.16	9.74	
7	3/ 5	962	1.10	42	18.0	3	30	14/15			10.3												.13	15.09	
8	4/ 5	962	1.08	42	21.0	5	32	15/16			10.2												.18	11.84	
9	5/ 5	962	1.17	44	30.5	10	41	8/10			10.0												.26	10.19	
10	6/ 5	962	1.17	60	30.5	10	41	8/10			10.0												.26	10.19	
11	7/ 5	962	1.17	60	31.0	10	41	8/10			10.0												.26	10.19	
12	8/ 5	962	1.13	39	8.0	5	6	2/2	11.2	1	9.2	9	3000	.05	0.0	5.00	.50	27.50	8.5				.54	.38	
13	9/ 5	962	1.11	50	16.0	10	12	3/10	11.5	1	11.5	10	3000	.20	0.0	8.00	.50	10.00	5.5				.54	.76	
14	10/ 5	1018	1.11	46	19.5	5	29	10/12	35.0	3	12.5	12	2800	1.30	0.0	10.00	.50	15.00	5				.20	9.90	

REMARKS

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG. ROSS ISLE
 ENGINEERS CHAVEZ/KORSVOLD/TORGERSEN

Drilling Mud Properties Record
 MUD SYSTEM GYP/LIGNO

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	VISCOSITY				GELS 0 10	FLUID LOSS 30 Min cc's	CAKE 32 rds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	EXCESS GYP	POLYMER #/BBL	"N"	"K"	
				sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						CI ppm	Ca. ++ ppm	PI	% OIL	% SOLIDS						
15	11/ 5	1460	1.17	47	20.0	13	14	4/30	14.0	2	11.1	13	2200	.20	0.0	14.00	.25	20.00	3.0		.57	.79	
16	12/ 5	1654	1.30	51	24.0	17	14	9/56	13.0	2	10.2	13	2200	.10	0.0	15.00	.25	25.00	2.2		.63	.61	
17	13/ 5	2008	1.45	63	25.5	15	21	22/66	20.0	2	10.0	14.5	2000	.15	0.0	17.00	.75	27.50	2.2		.50	1.57	
18	14/ 5	2112	1.59	72	26.0	18	16	18/99	13.0	2	9.7	14	1800	.20	0.0	20.00	.50	28.00	2.7		.61	.75	
19	15/ 5	2169	1.59	55	22.0	13	18	11/52	17.0	2	10.0	14.5	2000	.20	0.0	20.00	.50	20.00	4.8		.50	1.33	
20	16/ 5	2177	1.70	48	23.5	15	17	28/63	21.0	2	10.4	16.5	1440	.20	0.0	24.00	.75	25.00	3.6		.55	1.01	
21	17/ 5	2177	1.70	47	22.5	14	17	20/86	18.5	2	9.8	17	1760	.10	0.0	24.00	1.00	22.50	2.9		.54	1.09	
22	18/ 5	2177	1.70	52	26.5	15	23	22/59	22.0	3	11.4	18	1960	.50	0.0	24.00	1.00	23.00	2.4		.48	1.91	
23	19/ 5	2177	1.71	44	19.5	13	13	20/36	21.5	3	10.9	18	2160	.30	0.0	24.00	1.00	23.00	4.5		.58	.68	
24	20/ 5	2177	1.71	47	22.5	14	17	28/52	21.0	3	10.6	18.5	2160	.30	0.0	24.00	.75	21.00	2.4		.54	1.09	
25	21/ 5	2177	1.71	57	22.5	14	17	28/54	19.0	2	10.7	18.5	2200	.30	0.0	24.00	.75	21.00	2.0		.54	1.09	
26	22/ 5	2177	1.71	48	20.5	14	13	21/60	18.5	2	10.6	18	2120	.30	0.0	24.00	.75	21.00	2.2		.60	.63	
27	23/ 5	2180	1.77	54	26.0	17	18	28/54	26.0	3	11.4	17	2280	.60		26.00	1.50	20.00	3.2		.57	1.00	
28	24/ 5	2180	1.77	56	34.0	18	32	31/36	27.0	3	11.8	17	2280	2.00	0.0	26.00	2.00	19.00	4.0		.44	3.15	

REMARKS

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG ROSS ISLE
 ENGINEERS TORGENSEN/MARKEN/CHAVEZ/KORSVOLD

Drilling Mud Properties Record
 MUD SYSTEM GYP/LIGNO

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS		
			SG DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	VISCOSITY				GELS 0 10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	EXCESS GYP # bbl	POLYMER #/BBL	"N"	"K"			
				sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						CI ppm	Ca. ++ ppm	PI	% OIL	% SOLIDS							% SAND	CORR.
9	25/ 5	2226	1.77	65	34.5	20	29	28 69	26.0	3		11.8	17	2200	1.80	0.0	26.00	1.50	19.00	5.2		.49	2.26		
10	26/ 5	2400	1.85	68	34.0	24	20	33 99	17.9	3		11.0	18	3000	.60	0.0	28.00	1.50	19.00	3.8		.63	.88		
11	27/ 5	2695	1.85	66	33.5	26	15	17 65	11.3	2	30.0	10.5	18.5	2640	.20	0.0	29.00	1.50	20.00	5.8		.71	.50		
12	28/ 5	2760	1.85	75	35.5	26	19	20 99	10.5	2	29.0	10.5	18	2400	.40	0.0	29.00	1.50	21.00	3.0		.66	.75		
13	29/ 5	2829	1.85	68	33.0	24	18	16 99	10.4	2	34.0	10.6	18.5	2520	.40	0.0	30.00	1.00	21.00	2.6		.65	.72		
14	30/ 5	2932	1.85	61	30.5	23	15	15 97	10.2	2	34.0	10.4	18.5	2520	.35	0.0	29.00	.75	20.00	2.6		.68	.54		
15	31/ 5	2932	1.85	74	32.0	23	18	8 102	10.0	2	32.0	10.0	18	2400	.40	0.0	30.00	.75	20.00	2.5		.64	.75		
16	1/ 6	3000	1.85	56	31.0	23	16	5 68	10.4	2	30.0	10.6	17	2200	.30	0.0	30.00	.50	17.50	3.2		.67	.60		
17	2/ 6	3098	1.85	53	29.0	22	14	5 68	10.2	2	32.0	10.0	17	2200	.17	0.0	30.00	.50	17.50	2.9		.69	.49		
18	3/ 6	3166	1.85	51	28.0	21	14	6 60	10.2	2	28.0	10.0	16.5	2300	.12	0.0	30.00	.75	15.00	3.1		.68	.51		
19	4/ 6	3258	1.85	52	26.5	20	13	7 55	10.0	2	28.0	10.6	15	2000	.30	0.0	30.00	.50	16.50	5.0		.68	.47		
20	5/ 6	3285	1.85	55	27.5	21	13	5 59	10.0	2	26.0	10.0	13	2000	.20	0.0	30.00	.50	15.00	3.0		.69	.45		
21	6/ 6	3350	1.85	55	28.0	21	14	3 58	10.0	2	26.0	10.3	12.5	2000	.30	0.0	30.00	.25	16.00	4.0		.68	.51		
22	7/ 6	3431	1.85	52	26.5	20	13	6 42	10.0	2	30.0	10.1	11.5	1900	.15	0.0	30.00	.25	17.50	4.4		.68	.47		

REMARKS

Drilling Mud Properties Record

GYP/LIGNO

MUD SYSTEM

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG. ROSS ISLE
 ENGINEERS TORGENSEN/MARKEN/CHAVEZ/KORSVOLD

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS			
			VISCOSITY								GELS 0	FLUID LOSS 30 Min cc's	CAKE 32 rds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	EXCESS GYP # hbl		POLYMER #/BBL	"N"	"K"
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	10	T.H.	Ca. ++ ppm						PI	% OIL	% SOLIDS	% SAND	CORR.						
3	8/ 6	3522	1.85	57	26.5	19	15	11 73	10.5	2	32.0	10.4	12	1800	.20	0.0	30.00	.25	17.50	3.2		.64	.63			
4	9/ 6	3601	1.85	54	27.5	21	13	11 73	10.5	2	35.0	10.4	13	1850	.20	0.0	30.00	.25	17.50	3.7		.69	.45			
5	10/ 6	3681	1.85	53	26.5	20	13	9 64	10.0	2	36.0	10.3	14	1900	.25	0.0	30.00	.25	17.50	4.1		.68	.47			
6	11/ 6	3740	1.85	52	27.5	20	15	5 50	10.0	2	38.0	10.1	15	1800	.15	0.0	30.00	.25	15.00	2.9		.65	.60			
7	12/ 6	3740	1.85	50	25.0	17	16	5 57	10.0	2	38.0	10.0	15	1850	.15	0.0	30.50	.50	16.20	3.3		.60	.79			
8	13/ 6	3775	1.85	50	26.0	19	14	10 63	11.5	2	38.0	10.4	15	1900	.25	0.0	30.00	.25	18.50	3.6		.66	.55			
9	14/ 6	3775	1.85	50	26.5	20	13	9 64	10.5	2		9.8	15	1900	.13	0.0	30.00	.50	17.50	3.8		.68	.47			
10	15/ 6	3775	1.85	54	26.0	19	14	11 57	10.2	2	36.0	9.8	15	1840	.10	0.0	30.00	.50	17.50	3.5		.66	.55			
11	16/ 6	3775	1.85	60	24.5	19	11	10 55	11.0	2	36.0	10.3	15	1680	.25	0.0	30.00	.50	18.00	3.0		.71	.36			
12	17/ 6	3775	1.50	52	22.5	13	19	22 35	24.0	3		11.2	14.5	920	.60	0.0	18.00	.25	17.50			.49	1.49			
13	18/ 6	3775	1.40	48	17.0	12	10	3 24	22.0	3		11.9	14	260	1.90	0.0	15.00	.25	19.00			.63	.44			
14	19/ 6	3783	1.87	63	31.5	26	11	4 38	10.5	2	30.0	11.4	13	200	.70	0.0	29.00	1.00	17.50			.77	.31			
15	20/ 6	3803	1.87	72	31.0	26	10	3 29	8.8	2	29.0	11.2	13	240	.60	0.0	29.00	1.00	19.00			.78	.27			
16	21/ 6	3847	1.87	72	30.0	25	10	4 31	8.5	2	28.0	11.2	13	260	.65	0.0	29.00	1.00	18.00			.78	.27			

REMARKS

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG ROSS ISLE
 ENGINEERS TORGENSEN/MARKEN/VASTVEIT/KORSVOLD

Drilling Mud Properties Record
 MUD SYSTEM GYP/LIGNO

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS	
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	VISCOSITY				GELS 0	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	POLYMER #/BBL	"N"	"K"			
				sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						Cl ⁻ ppm	Ca. ++ ppm	PY	% OIL	% SOLIDS					% SAND		CORR.
7	22/ 6	3857	1.89	78	37.0	31	12	3 32	7.2	1	25.0	11.2	12.5	240	.55	0.0	30.00	1.00	19.00			.78	.33	
8	23/ 6	3879	1.89	92	43.5	37	13	4 36	6.3	1	22.0	10.6	12	360	.40	0.0	30.00	1.00	17.50			.80	.34	
9	24/ 6	3930	1.89	84	43.5	37	13	4 31	6.6	1	19.5	10.6	12.5	260	.50	0.0	30.00	1.00	20.00			.80	.34	
10	25/ 6	4043	1.89	76	39.0	33	12	3 24	6.2	1	19.5	10.0	13	220	.50	0.0	30.00	1.00	19.50			.79	.32	
11	26/ 6	4050	1.89	90	41.5	35	13	3 24	6.0	1	20.0	10.3	13	300	.55	0.0	30.00	1.00	20.00			.79	.35	
12	27/ 6	4111	1.89	76	39.0	33	12	3 24	5.6	1	16.8	10.2	13.5	180	.60	0.0	30.00	1.00	20.00			.79	.32	
13	28/ 6	4153	1.89	75	39.5	34	11	3 25	5.3	1	14.6	10.6	14.5	220	.80	0.0	30.00	1.00	20.00			.81	.29	
14	29/ 6	4181	1.89	90	38.0	32	12	3 23	5.1	1	14.0	10.0	15	200	.50	0.0	30.00	1.00	20.00			.79	.32	
15	30/ 6	4296	1.89	76	38.5	33	11	3 24	5.0	1	13.0	10.4	15	240	.60	0.0	31.00	1.00	20.00			.81	.29	
16	1/ 7	4410	1.89	78	40.5	34	13	3 28	5.0	1	14.0	10.1	15	240	.50	0.0	32.00	1.00	20.00			.78	.35	
17	2/ 7	4445	1.89	70	38.5	33	11	3 25	5.3	1	15.5	10.4	15.5	260	.60	0.0	31.00	1.00	19.00			.81	.29	
18	3/ 7	4473	1.89	95	41.0	35	12	4 31	5.2	1	14.5	10.2	14.5	240	.50	0.0	32.00	1.00	20.00			.80	.32	
19	4/ 7	4498	1.89	83	38.5	32	13	3 26	4.8	1	12.8	10.5	15	200	.60	0.0	32.00	1.00	20.00			.77	.36	
20	5/ 7	4498	1.89	75	29.0	24	10	3 20	5.2	1	13.4	10.8	15	160	.80	0.0	32.00	1.00	20.00			.77	.28	

REMARKS

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG. ROSS ISLE
 ENGINEERS VASTVEIT/KORSVOLD/TORGERSEN

Drilling Mud Properties Record

MUD SYSTEM GYP/LIGNO

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS	
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>		VISCOSITY				GELS 0	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"		"K"
					sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						T.H.	Ca. ++ ppm	PT	% OIL	% SOLIDS						
			10	1000	CORR.																			
71	6/ 7	4498	1.89	98	45.5	38	15	4/35	5.5	1	17.0	10.5	16	160	.70	0.0	33.00	.75	20.00			.78	.41	
72	7/ 7	4498	1.89	84	38.0	32	12	3/24	5.3	1	16.5	10.6	15.5	160	.80	0.0	32.00	1.00	20.00			.79	.32	
73	8/ 7	4498	1.89	81	37.0	32	10	3/28	5.6	1	17.5	10.3	17	120	.60	0.0	32.00	1.00	20.00			.82	.26	
74	9/ 7	4498	1.86	83	39.5	32	15	3/35	5.8	1	16.0	10.0	18	160	.60	0.0	31.00	1.00	20.00			.75	.44	
75	10/ 7	4496	1.86	58	25.0	21	8	2/20	6.0	1	17.0	10.4	18.5	160	.60	0.0	31.00	1.00	19.00			.79	.22	
76	11/ 7	4498	1.86	72	37.5	33	9	3/22	6.2	1	18.0	10.8	18	120	.90	3.0	30.00	.75	19.00			.84	.23	
77	12/ 7	4432	1.86	65	37.5	33	9	2/28	7.2	1		11.2	18	240	1.60	3.0	29.00	.75	20.00			.84	.23	
78	13/ 7	4432	1.74	65	27.5	23	9	2/18	8.3	1	22.0	11.2	15	200	1.20	3.0	25.00	1.25	20.00			.78	.25	
79	14/ 7	4521	1.74	75	31.5	26	11	4/34	6.4	1	19.5	11.0	15.5	200	1.00	2.0	25.00	1.00	21.50			.77	.31	
80	15/ 7	4537	1.74	63	27.5	22	11	3/27	6.0	1	17.5	11.0	15.5	260	.90	2.0	25.00	.50	21.50			.74	.33	
81	16/ 7	4549	1.74	66	29.5	24	11	3/35	6.3	1	17.5	10.6	15.5	240	.70	2.0	25.00	.50	22.00			.75	.32	
82	17/ 7	4601	1.74	58	30.0	24	12	5/40	6.0	1	16.8	10.3	15.5	260	.40	2.0	25.00	.25	22.00			.74	.36	
83	18/ 7	4649	1.74	54	28.0	23	10	5/34	5.9	1	15.2	10.6	16	260	.55	2.0	25.00	.25	22.00			.76	.28	
84	19/ 7	4699	1.74	56	30.0	24	12	8/45	6.3	1	16.4	10.7	16	120	.60	2.0	26.00	.25	23.00			.74	.36	

REMARKS

WELL NAME 6406/3-1

AREA HALTENBANKEN

Drilling Mud Properties Record
MUD SYSTEM GEL/LIGNITE/RESIN

OPERATOR STATOIL

RIG. ROSS ISLE

ENGINEERS TORGENSEN/MARKEN

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> Meter	MUD PROPERTIES																				OPERATION REMARKS	
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>		VISCOSITY				GELS	FLUID LOSS 30 Min cc's	CAKE 32 rds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"		"K"
			sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	0	10	CI ppm					Ca. ++ ppm	PI	% OIL	% SOLIDS	% SAND						
35	20/ 7	4734	1.74	54	29.5	23	13	12/48	5.8	1	17.5	10.0	16.5	180	.60	1.5	26.00	.50	21.50			.71	.42	
36	21/ 7	4740	1.74	68	27.5	22	11	7/40	5.0	1	17.2	10.3	16.5	160	.60	1.5	26.00	.25	21.00			.74	.33	
37	22/ 7	4764	1.74	54	28.0	22	12	7/41	4.3	1	17.4	10.4	17	140	.80	1.0	26.00	.25	21.50			.72	.38	
38	23/ 7	4828	1.74	54	28.5	23	11	5/32	4.2	1	12.0	10.5	17	160	.60	1.0	26.00	.25	20.50			.74	.33	
39	24/ 7	4859	1.74	54	29.0	23	12	5/34	4.2	1	13.2	10.5	17.5	160	.80	1.0	26.00	.25	20.50			.73	.37	
40	25/ 7	4881	1.74	55	27.5	22	11	6/37	4.2	1	12.6	10.3	18	160	.90	1.0	26.00	.25	21.00			.74	.33	
41	26/ 7	4902	1.74	52	26.0	21	10	4/27	4.0	1	12.8	10.4	18	160	1.00	1.0	26.00	.25	20.50			.75	.30	
42	27/ 7	4902	1.74	78	29.0	22	14	8/40	4.2	1	12.8	10.4	18	140	1.20	1.0	26.00	.25	21.00			.69	.49	
43	28/ 7	4902	1.74	59	24.0	21	6	3/31	5.0	1	13.4	11.8	18	200	1.90	1.0	26.00	.25	21.00			.83	.15	
44	29/ 7	4902	1.89	59	26.0	23	6	3/22	4.4	1	13.8	11.3	18	140	1.40	1.0	32.00	.75	22.00			.84	.15	
45	30/ 7	4902	1.89	58	31.0	27	8	3/33	5.8	1	13.2	10.9	18	160	1.20	1.0	32.00	.75	21.00			.82	.20	
46	31/ 7	4902	1.89	59	27.0	24	6	3/32	4.8	1		10.9	18	140	1.20	1.0	32.00	.75	21.00			.85	.15	
47	1/ 8	4902	1.89	56	26.0	23	6	3/26	4.4	1		10.8	18	140	1.10	1.0	32.00	.75	20.00			.84	.15	
48	2/ 8	4902	1.89	48	21.0	19	4	2/18	4.2	1		10.5	18	120	.80	1.0	33.00	.75	20.00			.87	.10	

REMARKS

WELL NAME 6406/3-1

AREA HALTENBANKEN

Drilling Mud Properties Record

OPERATOR STATOIL

RIG ROSS ISLE

MUD SYSTEM GEL/LIGNO/LIGNITE

ENGINEERS BLANCHARD

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS		
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>		VISCOSITY				GELS 0	FLUID LOSS 30 Min cc's	CAKE 32 rds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"		"K"	
					sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						T.H.	Ca. ++ ppm	PI	% OIL	% SOLIDS							% SAND
			10	10	X 1000	T.H.	Ca. ++ ppm	PI	CORR.																
09	3/ 8	4902	1.89	51	20.5	18	5	3 17	4.0	1		10.3	18	120	.70	1.0	32.00	.25	21.00			.83	.13		
10	4/ 8	4902	1.89	53	21.0	19	4	3 17	4.3	1		10.3	18	120	.70	1.0	32.00	.25	20.00			.87	.10		
11	5/ 8	4902	1.89	53	23.5	20	7	3 18	4.8	1		10.8	17.5	200	.90	1.0	33.00	.50	20.00			.80	.18		
12	6/ 8	4902	1.89	57	24.5	21	7	3 15	5.0	1		11.2	18	250	1.10	1.0	33.00	.50	19.00			.81	.18		
13	7/ 8	4902	1.90	56	24.5	21	7	3 15	5.2	1		11.2	18	250	1.00	1.0	33.00	.50	18.00			.81	.18		
14	8/ 8	4902	1.89	62	24.0	20	8	4 15	5.5	1		11.0	18	230	.80	1.0	33.00	.50	17.00			.78	.22		
15	9/ 8	4902	1.90	55	25.5	22	7	3 16	5.0	1		11.0	18	240	.90	1.0	33.00	.50	17.00			.81	.18		
16	10/ 8	4902	1.89	56	25.0	22	6	3 16	5.0	1		10.9	18	230	.90	1.0	33.00	.50	16.00			.84	.15		
17	11/ 8	4902	1.71	47	19.0	16	6	3 10	7.0	1		10.3	18	300	.40	1.0	27.00	.25	13.00			.79	.16		
18	12/ 8	4902	1.71	52	20.5	18	5	4 10	7.1	1		10.3	17.5	250	.40	1.0	27.00	.25	13.00			.83	.13		
19	13/ 8	4902	1.71	49	19.0	17	4	3 10	7.0	1		10.2	18	250	.40	1.0	27.00	.25	13.00			.86	.10		
20	14/ 8																								
21	15/ 8																								
22	16/ 8																								

REMARKS

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG. ROSS ISLE
 ENGINEERS TORGENSEN/MARKEN/CHAVEZ/KORSVOLD

Drilling Mud Properties Record
 MUD SYSTEM GYP/LIGNO

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS	
			SG	DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	VISCOSITY				GELS 0 10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	EXCESS GYP # bbl	POLYMER #/BBL	"N"		"K"
					sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						CI ppm	Ca. ++ ppm	PI	% OIL	% SOLIDS						
29	25/ 5	2226	1.77	65	34.5	20	29	28/69	26.0	3		11.8	17	2200	1.80	0.0	26.00	1.50	19.00	5.2		.49	2.26	
30	26/ 5	2400	1.85	68	34.0	24	20	33/99	17.9	3		11.0	18	3000	.60	0.0	28.00	1.50	19.00	3.8		.63	.88	
31	27/ 5	2695	1.85	66	33.5	26	15	17/65	11.3	2	30.0	10.5	18.5	2640	.20	0.0	29.00	1.50	20.00	5.8		.71	.50	
32	28/ 5	2760	1.85	75	35.5	26	19	20/99	10.5	2	29.0	10.5	18	2400	.40	0.0	29.00	1.50	21.00	3.0		.66	.75	
33	29/ 5	2829	1.85	68	33.0	24	18	16/99	10.4	2	34.0	10.6	18.5	2520	.40	0.0	30.00	1.00	21.00	2.6		.65	.72	
34	30/ 5	2932	1.85	61	30.5	23	15	15/97	10.2	2	34.0	10.4	18.5	2520	.35	0.0	29.00	.75	20.00	2.6		.68	.54	
35	31/ 5	2932	1.85	74	32.0	23	18	8/102	10.0	2	32.0	10.0	18	2400	.40	0.0	30.00	.75	20.00	2.5		.64	.75	
36	1/ 6	3000	1.85	56	31.0	23	16	5/68	10.4	2	30.0	10.6	17	2200	.30	0.0	30.00	.50	17.50	3.2		.67	.60	
37	2/ 6	3098	1.85	53	29.0	22	14	5/68	10.2	2	32.0	10.0	17	2200	.17	0.0	30.00	.50	17.50	2.9		.69	.49	
38	3/ 6	3166	1.85	51	28.0	21	14	6/60	10.2	2	28.0	10.0	16.5	2300	.12	0.0	30.00	.75	15.00	3.1		.68	.51	
39	4/ 6	3258	1.85	52	26.5	20	13	7/55	10.0	2	28.0	10.6	15	2000	.30	0.0	30.00	.50	16.50	5.0		.68	.47	
40	5/ 6	3285	1.85	55	27.5	21	13	5/59	10.0	2	26.0	10.0	13	2000	.20	0.0	30.00	.50	15.00	3.0		.69	.45	
41	6/ 6	3350	1.85	55	28.0	21	14	3/58	10.0	2	26.0	10.3	12.5	2000	.30	0.0	30.00	.25	16.00	4.0		.68	.51	
42	7/ 6	3431	1.85	52	26.5	20	13	6/42	10.0	2	30.0	10.1	11.5	1900	.15	0.0	30.00	.25	17.50	4.4		.68	.47	

REMARKS

Drilling Mud Properties Record

GYP/LIGNO

MUD SYSTEM

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG. ROSS ISLE
 ENGINEERS TORGENSEN/MARKEN/CHAVEZ/KORSVOLD

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS			
			VISCOSITY								GELS 0	FLUID LOSS 30 Min cc's	CAKE 32 rds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	EXCESS GYP # hbl		POLYMER #/BBL	"N"	"K"
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	10	T.H.	Ca. ++ ppm						PI	% OIL	% SOLIDS	% SAND	CORR.						
3	8/ 6	3522	1.85	57	26.5	19	15	11 73	10.5	2	32.0	10.4	12	1800	.20	0.0	30.00	.25	17.50	3.2		.64	.63			
4	9/ 6	3601	1.85	54	27.5	21	13	11 73	10.5	2	35.0	10.4	13	1850	.20	0.0	30.00	.25	17.50	3.7		.69	.45			
5	10/ 6	3681	1.85	53	26.5	20	13	9 64	10.0	2	36.0	10.3	14	1900	.25	0.0	30.00	.25	17.50	4.1		.68	.47			
6	11/ 6	3740	1.85	52	27.5	20	15	5 50	10.0	2	38.0	10.1	15	1800	.15	0.0	30.00	.25	15.00	2.9		.65	.60			
7	12/ 6	3740	1.85	50	25.0	17	16	5 57	10.0	2	38.0	10.0	15	1850	.15	0.0	30.50	.50	16.20	3.3		.60	.79			
8	13/ 6	3775	1.85	50	26.0	19	14	10 63	11.5	2	38.0	10.4	15	1900	.25	0.0	30.00	.25	18.50	3.6		.66	.55			
9	14/ 6	3775	1.85	50	26.5	20	13	9 64	10.5	2		9.8	15	1900	.13	0.0	30.00	.50	17.50	3.8		.68	.47			
10	15/ 6	3775	1.85	54	26.0	19	14	11 57	10.2	2	36.0	9.8	15	1840	.10	0.0	30.00	.50	17.50	3.5		.66	.55			
11	16/ 6	3775	1.85	60	24.5	19	11	10 55	11.0	2	36.0	10.3	15	1680	.25	0.0	30.00	.50	18.00	3.0		.71	.36			
12	17/ 6	3775	1.50	52	22.5	13	19	22 35	24.0	3		11.2	14.5	920	.60	0.0	18.00	.25	17.50			.49	1.49			
13	18/ 6	3775	1.40	48	17.0	12	10	3 24	22.0	3		11.9	14	260	1.90	0.0	15.00	.25	19.00			.63	.44			
14	19/ 6	3783	1.87	63	31.5	26	11	4 38	10.5	2	30.0	11.4	13	200	.70	0.0	29.00	1.00	17.50			.77	.31			
15	20/ 6	3803	1.87	72	31.0	26	10	3 29	8.8	2	29.0	11.2	13	240	.60	0.0	29.00	1.00	19.00			.78	.27			
16	21/ 6	3847	1.87	72	30.0	25	10	4 31	8.5	2	28.0	11.2	13	260	.65	0.0	29.00	1.00	18.00			.78	.27			

REMARKS

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG ROSS ISLE
 ENGINEERS TORGENSEN/MARKEN/VASTVEIT/KORSVOLD

Drilling Mud Properties Record
 MUD SYSTEM GYP/LIGNO

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS	
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	VISCOSITY				GELS 0	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	POLYMER #/BBL	"N"	"K"			
				sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						Cl ppm	Ca. ++ ppm	PT	% OIL	% SOLIDS					% SAND		CORR.
7	22/ 6	3857	1.89	78	37.0	31	12	3/32	7.2	1	25.0	11.2	12.5	240	.55	0.0	30.00	1.00	19.00			.78	.33	
8	23/ 6	3879	1.89	92	43.5	37	13	4/36	6.3	1	22.0	10.6	12	360	.40	0.0	30.00	1.00	17.50			.80	.34	
9	24/ 6	3930	1.89	84	43.5	37	13	4/31	6.6	1	19.5	10.6	12.5	260	.50	0.0	30.00	1.00	20.00			.80	.34	
10	25/ 6	4043	1.89	76	39.0	33	12	3/24	6.2	1	19.5	10.0	13	220	.50	0.0	30.00	1.00	19.50			.79	.32	
11	26/ 6	4050	1.89	90	41.5	35	13	3/24	6.0	1	20.0	10.3	13	300	.55	0.0	30.00	1.00	20.00			.79	.35	
12	27/ 6	4111	1.89	76	39.0	33	12	3/24	5.6	1	16.8	10.2	13.5	180	.60	0.0	30.00	1.00	20.00			.79	.32	
13	28/ 6	4153	1.89	75	39.5	34	11	3/25	5.3	1	14.6	10.6	14.5	220	.80	0.0	30.00	1.00	20.00			.81	.29	
14	29/ 6	4181	1.89	90	38.0	32	12	3/23	5.1	1	14.0	10.0	15	200	.50	0.0	30.00	1.00	20.00			.79	.32	
15	30/ 6	4296	1.89	76	38.5	33	11	3/24	5.0	1	13.0	10.4	15	240	.60	0.0	31.00	1.00	20.00			.81	.29	
16	1/ 7	4410	1.89	78	40.5	34	13	3/28	5.0	1	14.0	10.1	15	240	.50	0.0	32.00	1.00	20.00			.78	.35	
17	2/ 7	4445	1.89	70	38.5	33	11	3/25	5.3	1	15.5	10.4	15.5	260	.60	0.0	31.00	1.00	19.00			.81	.29	
18	3/ 7	4473	1.89	95	41.0	35	12	4/31	5.2	1	14.5	10.2	14.5	240	.50	0.0	32.00	1.00	20.00			.80	.32	
19	4/ 7	4498	1.89	83	38.5	32	13	3/26	4.8	1	12.8	10.5	15	200	.60	0.0	32.00	1.00	20.00			.77	.36	
20	5/ 7	4498	1.89	75	29.0	24	10	3/20	5.2	1	13.4	10.8	15	160	.80	0.0	32.00	1.00	20.00			.77	.28	

REMARKS

WELL NAME 6406/3-1 AREA HALTENBANKEN
 OPERATOR STATOIL RIG. ROSS ISLE
 ENGINEERS VASTVEIT/KORSVOLD/TORGERSEN

Drilling Mud Properties Record
 MUD SYSTEM GYP/LIGNO

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS	
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>	VISCOSITY				GELS 0 10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"		
				sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						Cl ⁻ ppm	Ca. ++ ppm	PI	% OIL	% SOLIDS							% SAND
71	6/7	4498	1.89	98	45.5	38	15	4/35	5.5	1	17.0	10.5	16	160	.70	0.0	33.00	.75	20.00			.78	.41	
72	7/7	4498	1.89	84	38.0	32	12	3/24	5.3	1	16.5	10.6	15.5	160	.80	0.0	32.00	1.00	20.00			.79	.32	
73	8/7	4498	1.89	81	37.0	32	10	3/28	5.6	1	17.5	10.3	17	120	.60	0.0	32.00	1.00	20.00			.82	.26	
74	9/7	4498	1.86	83	39.5	32	15	3/35	5.8	1	16.0	10.0	18	160	.60	0.0	31.00	1.00	20.00			.75	.44	
75	10/7	4496	1.86	58	25.0	21	8	2/20	6.0	1	17.0	10.4	18.5	160	.60	0.0	31.00	1.00	19.00			.79	.22	
76	11/7	4498	1.86	72	37.5	33	9	3/22	6.2	1	18.0	10.8	18	120	.90	3.0	30.00	.75	19.00			.84	.23	
77	12/7	4432	1.86	65	37.5	33	9	2/28	7.2	1		11.2	18	240	1.60	3.0	29.00	.75	20.00			.84	.23	
78	13/7	4432	1.74	65	27.5	23	9	2/18	8.3	1	22.0	11.2	15	200	1.20	3.0	25.00	1.25	20.00			.78	.25	
79	14/7	4521	1.74	75	31.5	26	11	4/34	6.4	1	19.5	11.0	15.5	200	1.00	2.0	25.00	1.00	21.50			.77	.31	
80	15/7	4537	1.74	63	27.5	22	11	3/27	6.0	1	17.5	11.0	15.5	260	.90	2.0	25.00	.50	21.50			.74	.33	
81	16/7	4549	1.74	66	29.5	24	11	3/35	6.3	1	17.5	10.6	15.5	240	.70	2.0	25.00	.50	22.00			.75	.32	
82	17/7	4601	1.74	58	30.0	24	12	5/40	6.0	1	16.8	10.3	15.5	260	.40	2.0	25.00	.25	22.00			.74	.36	
83	18/7	4649	1.74	54	28.0	23	10	5/34	5.9	1	15.2	10.6	16	260	.55	2.0	25.00	.25	22.00			.76	.28	
84	19/7	4699	1.74	56	30.0	24	12	8/45	6.3	1	16.4	10.7	16	120	.60	2.0	26.00	.25	23.00			.74	.36	

REMARKS

WELL NAME 6406/3-1

AREA HALTENBANKEN

Drilling Mud Properties Record
MUD SYSTEM GEL/LIGNITE/RESIN

OPERATOR STATOIL

RIG. ROSS ISLE

ENGINEERS TORGENSEN/MARKEN

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																				OPERATION REMARKS	
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>		VISCOSITY				GELS	FLUID LOSS 30 Min cc's	CAKE 32 rds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"		"K"
			sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	0	10	CI ppm					Ca. ++ ppm	PI	% OIL	% SOLIDS	% SAND						
35	20/ 7	4734	1.74	54	29.5	23	13	12/48	5.8	1	17.5	10.0	16.5	180	.60	1.5	26.00	.50	21.50			.71	.42	
36	21/ 7	4740	1.74	68	27.5	22	11	7/40	5.0	1	17.2	10.3	16.5	160	.60	1.5	26.00	.25	21.00			.74	.33	
37	22/ 7	4764	1.74	54	28.0	22	12	7/41	4.3	1	17.4	10.4	17	140	.80	1.0	26.00	.25	21.50			.72	.38	
38	23/ 7	4828	1.74	54	28.5	23	11	5/32	4.2	1	12.0	10.5	17	160	.60	1.0	26.00	.25	20.50			.74	.33	
39	24/ 7	4859	1.74	54	29.0	23	12	5/34	4.2	1	13.2	10.5	17.5	160	.80	1.0	26.00	.25	20.50			.73	.37	
40	25/ 7	4881	1.74	55	27.5	22	11	6/37	4.2	1	12.6	10.3	18	160	.90	1.0	26.00	.25	21.00			.74	.33	
41	26/ 7	4902	1.74	52	26.0	21	10	4/27	4.0	1	12.8	10.4	18	160	1.00	1.0	26.00	.25	20.50			.75	.30	
42	27/ 7	4902	1.74	78	29.0	22	14	8/40	4.2	1	12.8	10.4	18	140	1.20	1.0	26.00	.25	21.00			.69	.49	
43	28/ 7	4902	1.74	59	24.0	21	6	3/31	5.0	1	13.4	11.8	18	200	1.90	1.0	26.00	.25	21.00			.83	.15	
44	29/ 7	4902	1.89	59	26.0	23	6	3/22	4.4	1	13.8	11.3	18	140	1.40	1.0	32.00	.75	22.00			.84	.15	
45	30/ 7	4902	1.89	58	31.0	27	8	3/33	5.8	1	13.2	10.9	18	160	1.20	1.0	32.00	.75	21.00			.82	.20	
46	31/ 7	4902	1.89	59	27.0	24	6	3/32	4.8	1		10.9	18	140	1.20	1.0	32.00	.75	21.00			.85	.15	
47	1/ 8	4902	1.89	56	26.0	23	6	3/26	4.4	1		10.8	18	140	1.10	1.0	32.00	.75	20.00			.84	.15	
48	2/ 8	4902	1.89	48	21.0	19	4	2/18	4.2	1		10.5	18	120	.80	1.0	33.00	.75	20.00			.87	.10	

REMARKS

WELL NAME 6406/3-1

AREA HALTENBANKEN

Drilling Mud Properties Record

OPERATOR STATOIL

RIG ROSS ISLE

MUD SYSTEM GEL/LIGNO/LIGNITE

ENGINEERS BLANCHARD

Day No.	DATE	DEPTH FEET <input type="checkbox"/> METERS <input type="checkbox"/> 1984 Meter	MUD PROPERTIES																			OPERATION REMARKS			
			DENSITY PPG <input type="checkbox"/> SG <input type="checkbox"/>		VISCOSITY				GELS 0	FLUID LOSS 30 Min cc's	CAKE 32 rds	H.T.H.P. cc's	PH	Filtrate Analysis			RETORT		BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL		"N"	"K"	
					sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.						T.H.	Ca. ++ ppm	PI	% OIL	% SOLIDS							% SAND
09	3/ 8	4902	1.89	51	20.5	18	5	3/17	4.0	1		10.3	18	120	.70	1.0	32.00	.25	21.00			.83	.13		
10	4/ 8	4902	1.89	53	21.0	19	4	3/17	4.3	1		10.3	18	120	.70	1.0	32.00	.25	20.00			.87	.10		
11	5/ 8	4902	1.89	53	23.5	20	7	3/18	4.8	1		10.8	17.5	200	.90	1.0	33.00	.50	20.00			.80	.18		
12	6/ 8	4902	1.89	57	24.5	21	7	3/15	5.0	1		11.2	18	250	1.10	1.0	33.00	.50	19.00			.81	.18		
13	7/ 8	4902	1.90	56	24.5	21	7	3/15	5.2	1		11.2	18	250	1.00	1.0	33.00	.50	18.00			.81	.18		
14	8/ 8	4902	1.89	62	24.0	20	8	4/15	5.5	1		11.0	18	230	.80	1.0	33.00	.50	17.00			.78	.22		
15	9/ 8	4902	1.90	55	25.5	22	7	3/16	5.0	1		11.0	18	240	.90	1.0	33.00	.50	17.00			.81	.18		
16	10/ 8	4902	1.89	56	25.0	22	6	3/16	5.0	1		10.9	18	230	.90	1.0	33.00	.50	16.00			.84	.15		
17	11/ 8	4902	1.71	47	19.0	16	6	3/10	7.0	1		10.3	18	300	.40	1.0	27.00	.25	13.00			.79	.16		
18	12/ 8	4902	1.71	52	20.5	18	5	4/10	7.1	1		10.3	17.5	250	.40	1.0	27.00	.25	13.00			.83	.13		
19	13/ 8	4902	1.71	49	19.0	17	4	3/10	7.0	1		10.2	18	250	.40	1.0	27.00	.25	13.00			.86	.10		
20	14/ 8																								
21	15/ 8																								
22	16/ 8																								

REMARKS