OPERATOR STATOIL

WELL NO. 7120/8-2

MATERIAL CONSUMPTION & COST ANALYSIS

36" HOLE DRILLED TO 333 Meters / Feet xx 30" CASING SET AT 332 Meters / Feet xxx

ACTUAL AMOUNT OF HOLE DRILLED 62 Meters / Feet xx DAYS ON INTERVAL 3

DRILLING FLUID SYSTEM GEL SPUD MUD

US$

MATERIAL	UNIT SIZE	PROG.	USED	VARIANCE ±	COST
Barite, bulk	M/T	20	25	+5	3.425
Bentonite, bulk	M/T	31	27	-4	9.720
Soda Ash	50kg	12	10	-2	200
Caustic Soda	25kg	40	22	-18	440
Wyom.Bentonite sx.	50kg	-	30	+30	540

COST/DAY	$4.775	TOTAL COST FOR INTERVAL	$14.325.00
COST/Mt. or Ft.	$ 231	PROG. COST FOR INTERVAL	$14.940.00
ENGR. COST	$2.362,50	COST VARIANCE FOR INTERVAL	$- 615.00

OPERATOR STATOIL

WELL NO. 7120/8-2

MATERIAL CONSUMPTION & COST ANALYSIS

26" HOLE DRILLED TO 747 Meters Feet xxx 20" CASING SET AT 735 Meters Feet xx

ACTUAL AMOUNT OF HOLE DRILLED 414 Meters Feet xxx DAYS ON INTERVAL 10

DRILLING FLUID SYSTEM GEL/SEAWATER

US$

MATERIAL	UNIT SIZE	PROG.	USED	VARIANCE ±	COST
Barite, bulk	M/T	140	185	+ 45	25.345
Bentonite, bulk	M/T	48	37	- 11	13.320
Soda Ash	50 kg	35	20	- 15	400
Caustic Soda	25 kg	64	118	+ 54	2.360
Wyom. Bent. sx.	50 kg	0	78	+ 78	1.404
Anco detergent	200 l.	5	0	0	-
Chr. Ligno.	25 kg	25	10	- 15	180

COST/DAY	$4.300.90	TOTAL COST FOR INTERVAL	$43.009
COST/Mt. or ~~ft~~	$103.89	PROG. COST FOR INTERVAL	$40.640
ENGR. COST	$7.875	COST VARIANCE FOR INTERVAL	+$ 2.369

OPERATOR STATOIL

WELL NO. 7120/8-2

MATERIAL CONSUMPTION & COST ANALYSIS

17½" HOLE DRILLED TO 800 Meters ~~Feet~~ 13 3/8" CASING SET AT 792 Meters ~~Feet~~

ACTUAL AMOUNT OF HOLE DRILLED 53 Meters ~~Feet~~ DAYS ON INTERVAL

DRILLING FLUID SYSTEM GEL/LIGNO/SEWATER

US$

MATERIAL	UNIT SIZE	PROG.	USED	VARIANCE ±	COST
Barite	M/T	440	81	- 359	11.097
Bentonite	50 kg	610	125	- 485	2.250
Bentonite	M/T	0	4	+ 4	1.440
Chr.Ligno.	25 kg	540	26	- 514	468
Caustic Soda	25 kg	170	16	- 154	320
Soda Ash	50 kg	26	8	- 18	160
Sodium Bicarb.	50 kg	15	10	- 5	210
CMC LV.	25 kg	200	66	- 134	4.290
CMC HV.	25 kg	30	0	- 30	0
Anco detergent	200 l.	30	3	- 27	1.050
Defoamer superflow	200 l.	0	1	+ 1 *	0
Drispac reg. W300	25 kg	0	9	+ 9	1.629
* used by B.J.					

COST/DAY $ 2.291.40 TOTAL COST FOR INTERVAL $22.914

COST/Mt. or ~~Ft~~ $ 432.34 PROG. COST FOR INTERVAL $110.725

ENGR. COST $ 7.875 COST VARIANCE FOR INTERVAL - $87.811

OPERATOR STATOIL

WELL NO. 7120/8-2

MATERIAL CONSUMPTION & COST ANALYSIS

12" HOLE DRILLED TO 1682 Meters ~~Feet~~ 9 5/8" CASING SET AT 1675 Meters ~~Feet~~

ACTUAL AMOUNT OF HOLE DRILLED 882 Meters ~~Feet~~ DAYS ON INTERVAL

DRILLING FLUID SYSTEM GEL/LIGNO/SW

MATERIAL	UNIT SIZE	PROG.	USED	VARIANCE ±	US$ COST
Barite, bulk	M/T	220	282	+ 62	38.634.-
Bentonite, bulk	M/T	0	10.5	+ 10.5	3.780.-
Bentonite, sx.	50 kg	430	58	-372	1.044.-
Soda Ash	50 kg	18	2	- 16	40.-
Caustic Soda	25 kg	190	95	- 95	1.900.-
Lignosulfonate	25 kg	260	183	- 77	3.295.-
Drilling detergent	200 l.	0	5	+ 5	1.750.-
Bicarbonate	50 kg	10	11	+ 1	231.-
Drispac reg.	25 kg	0	11	+ 11	1.991.-
CMC LV	25 kg	135	160	+ 25	10.400.-
CMC HV	25 kg	30	0	- 30	

COST/DAY $3.503.56 TOTAL COST FOR INTERVAL $63.064.-

COST/Mt. or ~~Ft~~ $71.50 PROG. COST FOR INTERVAL $57.715.-

ENGR. COST $14.175.- COST VARIANCE FOR INTERVAL + $5.349.-

OPERATOR STATOIL

WELL NO. 7120/ 8-2

MATERIAL CONSUMPTION & COST ANALYSIS

TESTING & PLUGGING BACK

HOLE DRILLED TO ____ Meters / Feet ____ CASING SET AT ____ Meters / Feet

ACTUAL AMOUNT OF HOLE DRILLED 0 Meters / Feet DAYS ON INTERVAL 20

DRILLING FLUID SYSTEM

MATERIAL	UNIT SIZE	PROG.	USED	VARIANCE ±	COST
Barite, bulk	M/T		10		1.370,-
Bentonite, bulk	M/T		3		1.080
Bentonite, sx.	50kg		15		270,-
Caustic Soda	50kg		6		120,-
Soda Ash	50kg		5		100,-
Bicarb.	50kg	NO PROGNOSIS	18		378,-
Lignosulfonate	25kg		18		324,-
Drispac reg.	25kg		4		724,-
CMC LV.	25kg		85		5.525,-
Defoamer anconol	200 l.		1		700,-

COST/DAY $529.55 TOTAL COST FOR INTERVAL $10.591,-

COST/Mt. or Ft. - PROG. COST FOR INTERVAL 0

ENGR. COST $10.500,- COST VARIANCE FOR INTERVAL

OPERATOR STATOIL

WELL NO. 7120/8-2

MATERIAL CONSUMPTION & COST ANALYSIS

8½" HOLE DRILLED TO 2590 Meters ~~Feet~~ 7"liner CASING SET AT 2589 Meters ~~Feet~~

ACTUAL AMOUNT OF HOLE DRILLED 908 Meters ~~Feet~~ DAYS ON INTERVAL 44

DRILLING FLUID SYSTEM GEL/SW/LIGNO

US$

MATERIAL	UNIT SIZE	PROG.	USED	VARIANCE ±	COST
Barite, bulk	M/T		221	+ 221	30.277,-
Barite, sx.	50 kg		17	+ 17	109.65
Bentonite, bulk	M/T		9.5	+ 9.5	3.420.-
Bentonite, sx.	50 kg		246	+ 246	4.428.-
Caustic Soda	25 kg		86	+ 86	1.720,-
Soda Ash	50 kg		21	+ 21	420.-
Bicarb.	50 kg		26	+ 26	546.-
Lignosulfonate	25 kg		312	+ 312	5.616.-
Lignite	25 kg		9	+ 9	288.-
Drispac reg.	25 kg		6	+ 6	1.086.-
CMC LV.	25 kg		201	+ 201	13.065.-
IMCO SPOT	25 kg		130	+ 130	12.870.-
Defoamer	200 l.		1	+ 1	700.-

No 8½" section was prognosed for this well.

COST/DAY	$ 1.694.22	TOTAL COST FOR INTERVAL	$74.545.65
COST/Mt. or ~~Ft.~~	$ 82.10	PROG. COST FOR INTERVAL	0
ENGR. COST	$ 32.812.50	COST VARIANCE FOR INTERVAL	$+74.545.65

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Fluid & Material Consumption Report

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NORDRAUG
MUD SYSTEM SPUD MUD ENGINEERS D. H. FORD/ E. KORSVOLD/ A. AASE

Day No.	DATE 1982	ESTIMATED DAILY MUD VOLUMES: LOSSES SUB SURFACE	LOSSES SURFACE	VOLUME MUD BUILT	BULK MATERIALS: BARITE	BENTONITE	SACK MATERIALS: BENTONITE	BARITE	MATERIALS ADDED TO CONTROL PROPERTIES — THINNERS			POLYMERS: DRISPAC REG.	CMC LV				OTHERS: SODA ASH	CAUSTIC	LIGNO	DRLG. DETERG.	DEFOAM	BICARB.	LIGNITE	IMCO SPOT		
1	15.04		30	785	2	10	30										4	7								
2	16.04		1285	900	3	10											4	9								
3				906	20	7											2	6								
4	18.04		500	750	15	3	20										2	3	2							
5	19.04	141	140	385	5	4											1	2	1							
6	20.04	40	190	400	7	4	18										3	11	1							
7	21.04		463	550	9													15								
8	22.04		280	206	9												1	3	1							
9	23.04		159	200		2											1	19								
10	24.04		168	275	7	4											1	24								
11	25.04		225	363	5		15											18								
12	26.04		95	278	56		5											2								
13	27.04	3200		2270	72	20	20										11	21	5							
14	28.04			313	24		60										1	3	3	1						
FORWARD		3381	3535	8551	234	64	168										31	143	13	1						
ESTIMATED TOTALS		3381	3535	8551	234	64	168										31	143	13	1						

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Fluid & Material Consumption Report

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NORDRAUG
MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS D. H. FORD/ A. AASE/ J. HANNAN

Day No.	DATE 1982	ESTIMATED DAILY MUD VOLUMES: LOSSES SUB SURFACE	LOSSES SURFACE	VOLUME MUD BUILT	BULK MATERIALS: BARITE	BENTONITE	SACK MATERIALS: BENTONITE	BARITE	THINNERS			POLYMERS: DRISPAC REG.	CMC LV				OTHERS: SODA ASH	CAUSTIC	LIGNO	DRLG. DETERG.	DEFOAM	BICARB.	LIGNITE	IMCO SPOT		
15	29.04																									
16	30.04											2														
17	01.05		117	200	26	4							7				2	4	19	1		6				
18	02.05		27																							
19	03.05																									
20	04.05		35	50			21										1	1								
21	05.05		195	200	5		44					2	39				2	4				2				
22	06.05		167		22							2	12						4	1						
23	07.05			26	4							3	8				2	4				2				
24	08.05		154		3							5										1				
25	09.05		17									1														
26	10.05			7																						
27	11.05		43	50			14										1	1				3				
28	12.05		58	200			29					4	18				1	1	1	1						
FORWARD		3381	3535	8551	234	64	168										31	143	13	1						
ESTIMATED TOTALS		3381	4348	9284	294	68	276					19	84				40	158	37	4		14				

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Fluid & Material Consumption Report

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NORDRAUG
MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS J. HANNAN/ D. H. FORD/ I. TORGERSEN

Day No.	DATE 1982	ESTIMATED DAILY MUD VOLUMES: LOSSES SUB SURFACE	LOSSES SURFACE	VOLUME MUD BUILT	BULK MATERIALS: BARITE	BENTONITE	SACK MATERIALS: BENTONITE	BARITE	THINNERS				POLYMERS: DRISPAC REG.	CMC LV				OTHERS: SODA ASH	CAUSTIC	LIGNO	DRLG. DETERG.	DEFOAM	BICARB.	LIGNITE	IMCO SPOT		
29	13.05		164	280	38.5		15							7					7	33							
30	14.05		275	250	23									23					14	22							
31	15.05		105	100	30									5					2	5	1						
32	16.05	228	267	560	43	10.5								10					13	17	1						
33	17.05		173		48.5								1	22					17	15							
34	18.05	*) 348	168	*) 448	43									26					8	15	1						
35	19.05		76	210	13									34					16	24							
36	20.05		77	100	30									12					12	31	1						
37	21.05		49											3					4	10							
38	22.05		10																								
39	23.05		182																								
40	24.05		115		5															4							
41	25.05		29	20	5															6			7				
42	26.05		375										N	I	L				N	I	L						
FORWARD		3381	4348	9284	294	68	276						19	84				40	158	37	4		14				
ESTIMATED TOTALS		3957	6413	11252	573	78.5	291						20	226				40	251	219	8		21				

REMARKS

*) Include volume corrections from report no. 32 and 33).

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Fluid & Material Consumption Report

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NORDRAUG
MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS J. HANNAN/D. H. FORD/ E. SUNDE

Day No	DATE 1982	ESTIMATED DAILY MUD VOLUMES: LOSSES SUB SURFACE	LOSSES SURFACE	VOLUME MUD BUILT	BULK MATERIALS: BARITE	BENTONITE	SACK MATERIALS: BENTONITE	BARITE	THINNERS				POLYMERS: DRISPAC REG.	CMC LV				OTHERS: SODA ASH	CAUSTIC	LIGNO	DRLG. DETERG.	DEFOAM	BICARB.	LIGNITE	IMCO SPOT		
43	27.05		N	I	L										N	I		L									
44	28.05			170										25													
45	29.05		10	110										10				1	1	20							
46	30.05		1	0	7									10													
47	31.05		50	52										35									5				
48	01.06		40	115	12													1	1	20							
49	02.06		10	10	11																						
50	03.06		N	I	L								N	I	L				N	I	L						
51	04.06		N	I	L								N	I	L				N	I	L						
52	05.06		60	127	3									20				1	3	15							
53	06.06		41		5													3	2								
54	07.06		209	90	17									9				2	1	18							
55	08.06		13	80	11								1					1	1	10							
56	09.06		61		6								1	15				1	4								
FORWARD		3957	6413	11252	573	78.5	291						20	226				40	251	219	8		21				
ESTIMATED TOTALS		3957	6908	12006	645	78.5	291						22	350				50	264	302	8		26				

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Fluid & Material Consumption Report

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NORDRAUG
MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS J. HANNAN/ E. SUNDE/ I. TORGERSEN

Day No	DATE 1982	ESTIMATED DAILY MUD VOLUMES: LOSSES SUB SURFACE	LOSSES SURFACE	VOLUME MUD BUILT	BULK MATERIALS: BARITE	BENTONITE	SACK MATERIALS: BENTONITE	BARITE	THINNERS				POLYMERS: DRISPAC	REG. CMC	LV			OTHERS: SODA ASH	CAUSTIC	LIGNO	DRLG. DETERG.	DEFOAM	BICARB.	LIGNITE	IMCO SPOT		
57	10.06		10	25									1					2									
58	11.06				4								1														
59	12.06		17	110	15	2							2					1	3	4							
60	13.06		20	110	13	2								14					5	3		1		3	50		
61	14.06		123		9	1.5								4					2	9				3			
62	15.06			19																							
63	16.06		15		2									2													
64	17.06		70	90	7		30							3				1	2	1				3			
65	18.06		16	100	8	1.5	6							10					3	1							
66	19.06			10	7									1													
67	20.06		5		6									7					2	2							
68	21.06		19																	1							
69	22.06		90	120		2.5	11							10					6	5							
70	23.06		44	50	5		21												7	7							
FORWARD		3957	6908	12006	645	78.5	291						22	350				50	264	302	8		26				
ESTIMATED TOTALS		3957	7337	12640	721	88	359						26	401				52	296	335	8	1	26	9	50		

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Fluid & Material Consumption Report

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NORDRAUG
MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS D. H. FORD/I. TORGERSEN/ A. AASE

Day No	DATE 1982	ESTIMATED DAILY MUD VOLUMES: LOSSES SUB SURFACE	LOSSES SURFACE	VOLUME MUD BUILT	BULK MATERIALS: BARITE	BENTONITE	SACK MATERIALS: BENTONITE	BARITE	THINNERS				POLYMERS: DRISPAC REG.	CMC LV				OTHERS: SODA ASH	CAUSTIC	LIGNO	DRLG. DETERG.	DEFOAM	BICARB.	LIGNITE	IMCO SPOT		
71	24.06		35	56	15	27								12					8	12							
72	25.06		31	3	9	9													2	3							
73	26.06			9	9	19								8					5	8					80		
74	27.06		34		6	18													5	38							
75	28.06			39	15	46													7	37							
76	29.06		10		1	36													5	35							
77	30.06		22	20	2	17												6	7	16							
78	01.07		12			6													2								
79	02.07		47																								
80	03.07		34		5									5						2							
81	04.07		5	20	8			17						1						7							
82	05.07		28																	10			8				
83	06.07		85	10	7															13			7				
84	07.07		55	20	2													2		10			4				
FORWARD		3957	7337	12640	721	88	359	17					26	401				52	296	335	8	1	26	9	50		
ESTIMATED TOTALS		3957	8235	12814	794	88	537	17					26	427				60	337	526	8	1	45	9	130		

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Fluid & Material Consumption Report

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NORDRAUG
MUD SYSTEM GEL /SEAWATER/LIGNO ENGINEERS A. AASE

Day No	DATE 1982	ESTIMATED DAILY MUD VOLUMES: LOSSES SUB SURFACE	LOSSES SURFACE	VOLUME MUD BUILT	BULK MATERIALS: BARITE	BENTONITE	SACK MATERIALS: BENTONITE	BARITE	MATERIALS ADDED TO CONTROL PROPERTIES — THINNERS			POLYMERS: DRISPAC REG.	CMC LV				OTHERS: SODA ASH	CAUSTIC	LIGNO	DRLG. DETERG.	DEFOAM	BICARB.	LIGNITE	IMCO SPOT		
85	08.07		179														1		5			2				
86	09.07		124	300		3						2	20				2	5	4	1						
87	10.07												10													
88	11.07																									
89	12.07																									
90	13.07								T	E	S	T		I	N		G									
91	14.07		69	40									16				2		11			11				
92	15.07		89	10								2	29				1		1							
93	16.07		23	10	8		6															4				
94	17.07			45			9						10					1	1							
95	18.07			35						N	I	L														
96	19.07									N	I	L														
97	20.07		85							N	I	L														
98	21.07	92	20							N	I	L														
FORWARD		3957	8235	12814	794	88	537	17					26	427				60	327	526	8	1	45	9	130		
ESTIMATED TOTALS		4049	8824	13254	802	91	552	17					30	512				66	343	548	8	2	62	9	130		

REMARKS:

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NORDRAUG
ENGINEERS I. TORGERSEN

Drilling Fluid & Material Consumption Report

MUD SYSTEM GEL/SEAWATER/LIGNO

Day	DATE 1982	ESTIMATED DAILY MUD VOLUMES: LOSSES SUB SURFACE	LOSSES SURFACE	VOLUME MUD BUILT	BULK MATERIALS: BARITE	BENTONITE	SACK MATERIALS: BENTONITE	BARITE	THINNERS				POLYMERS: DRISPAC REG.	CMC LV				OTHERS: SODA ASH	CAUSTIC	LIGNO	DRLG. DETERG.	DEFOAM	BICARB.	LIGNITE	IMCO SPOT		
99	22.07	90	25						N	I	L																
100	23.07								N	I	L																
101	24.07		12						N	I	L																
102	25.07	150	209																				1				
103	26.07	5	73	25																1			1				
104	27.07		30		2																		1				
105	26.07								N	I	L																
106	29.07		1000																								
FORWARD		4049	9824	13254	802	91	552	17					30	512				66	343	548	8	2	62	9	130		
ESTIMATED TOTALS		4294	10173	13279	804	91	552	17					30	512				66	343	549	8	2	65	9	130		

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Mud Properties Record

MUD SYSTEM SPUD MUD

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. ROSS DRLG.
ENGINEERS D. H. FORD/ E. KORSVOLD/ A. AASE

Day No.	DATE 1982	DEPTH FEET □ METERS ☒	MUD PROPERTIES: DENSITY PPG □ SG ☒	sec/qt	VISCOSITY: 50° C A.V. cps at	50° C P.V. cps at	Y.P. #/100 sq.ft. at 50° C	GELS: 0 / 10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis: Cl⁻ ppm ×1000	Ca ++ ppm	Pf	RETORT: % OIL	% SOLIDS	% SAND	BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"	OPERATION REMARKS
1	15.04	294	1.05	100+																				
2	16.04	333	1.05	120																				
3	17.04	333	1.05	105																				
4	18.04	333.5	1.08	50																				
5	19.04	450	1.08	50								10.5												
6	20.04	515	1.08	50								10.5												
7	21.04	750	1.08	48	27.5	9	37	25/26	49	3		10.5	14.5	120	.1		7	T.R.	25					
8	22.04	750	1.08	49	30	10	40	25/24	37	3		10.5	14.5	120	.1		7	T.R.	20					
9	23.04	495	1.10	47	25	8	34	23/28	35	3		10.0	14.5	120	.1		7		23					
10	24.04	655	1.10	51	30	9	42	28/30	36	3		10.0	15	160	.1		7		25					
11	25.04	750	1.10	46	26	8	36	23/28	35	3		10.0	15.5	160	.1		7		24					
12	26.04	750	1.24	40	21	7	28	19/24				10.0												
13	27.04	750	1.24	45	22	7	27	16/20				10.0												
14	28.04	750	1.15	40	19	8	22	17/21	15	2		10.0	13	160	.1		7							

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Mud Properties Record

MUD SYSTEM _____

WELL NAME 7120/8-2 AREA TROSMØFLAKET
OPERATOR STATOIL RIG. NEPT. NORDRAUG
ENGINEERS D. H. FORD/ A. AASE/ J. HANNAN

Day No.	DATE 1982	DEPTH FEET ☐ METERS ☒	MUD PROPERTIES: DENSITY PPG ☐ SG ☒	VISCOSITY: sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	GELS 0/10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis: Cl⁻ ppm x1000	Ca ++ ppm	Pf	RETORT: % OIL	% SOLIDS	% SAND	BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"	OPERATION REMARKS
15	29.04	750	1.15	38	15	7	16	12/14	20	2		10.0	13	160	.1		7								
16	30.04	750	1.15	38	16	8	16	12/14	24	2		10.0	13	160	.1		7								
17	01.05	754	1.15	39	15.5	8	15	12/20	23	2		11.0	13	160	.8		7		20						
18	02.05	754	1.15	39	16	8	15	12/21	23	3		10.8	13	150	.5		7		20						
19	03.05	754	1.15	39	16	8	15	12/21	23	3		10.8	13	160	.5		7		20						
20	04.05	717	1.15	45	19	9	20	15/23	20	2		11.0	13	180	1.0		7		22						
21	05.05	800	1.15	46	25.5	18	15	12/23	18.6	2		11.0	12	160	1.1		7		20						
22	06.05	800	1.20	48	24	17	14	9/16	15	2		11.5	12	280	1.4		8		20						
23	07.05	802	1.20	46	15	9	12	3/14	13.8	2		12	11.5	260	1.9		7		20						
24	08.05	802	1.20	45	14	8	12	2/12	12.0	2		12	11	280	2.1		7		20						
25	09.05	802	1.20	45	14	8	12	2/12	11.6	2		12	11	240	1.8		7		20						
26	10.05	802	1.20	45	13	8	10	2/9	12.0	2		12	11	240	1.8		7		20						
27	11.05	802	1.20	46	13.5	8	11	4/22	15.5	2		12	11	400	2.5		7		20						
28	12.05	802	1.20	43	14.5	8	13	3/20	9.0	1		11.5	11	220	1.6		7		17.5						

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Mud Properties Record

WELL NAME 7120/8-2 AREA TROMSØFLAKET
OPERATOR STATOIL RIG. NEPT. NORDRAUG
MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS J. HANNAN/ D. FORD/ I. TORGERSEN

Day No.	DATE 1982	DEPTH FEET □ METERS ☒	MUD PROPERTIES: DENSITY PPG □ SG ☒	VISCOSITY: sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	GELS 0/10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis: Cl⁻ ppm x1000	Ca ++ ppm	Pf	RETORT: % OIL	% SOLIDS	% SAND	BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"	OPERATION REMARKS
29	13.05	1072	1.25	44	17.5	10	15	3/30	8.6	1		10.0	12.5	360	0.2		10	T.R.	22.5						
30	14.05	1222	1.25	43	16.5	10	13	4/30	7.8	1		10.2	14.5	380	0.4		12	T.R	25						
31	15.05	1297	1.30	47	19.5	12	15	7/42	8.2	1		11.5	16	280	0.5		12	T.R.	25						
32	16.05	1375	1.40	44	18.5	12	13	4/32	8.6	1		10.2	14	280	0.4		15	T.R.	25						
33	17.05	1377	1.40	43	20	14	12	4/31	7.3	1		11.0	15.5	160	0.6		16	T.R.	22						
34	18.05	1463	1.40	45	23	15	16	6/42	6.8	1		11.0	15.5	160	0.4		18	T.R.	25						
35	19.05	1572	1.40	47	24	17	14	4/30	5.1	1		11.0	16.5	120	0.5		17	T.R.	25						
36	20.05	1669	1.45	46	24	17	14	4/29	5.1	1		11.0	16.5	200	0.4		20	T.R.	25						
37	21.05	1682	1.45	47	23	16	14	5/28	5.2	1		11.0	16.5	160	0.55		17	T.R.	25						
38	22.05	1682	1.45	48	23	16	14	5/27	5.1	1		10.5	16.5	160	0.55		17	T.R.	25						
39	23.05	1682	1.45	48	23	16	15	6/32	5.1	1		11.0	17	300	0.6		18	T.R.	25						
40	24.05	1682	1.45	49	23.5	17	13	4/25	5.0																
41	25.05	1682	1.45	50	25.5	18	15	5/31	5.4	1		11.5	17	200	0.9		17	T.R.	24						
42	26.05	1682	1.45	50	25	17	17	5/28	5.4	1		11.5	17	200	0.9		17	T.R.	24						

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Mud Properties Record

MUD SYSTEM GEL/SEAWATER/LIGNO

WELL NAME 7120/8-2 AREA TROMSØFLAKET

OPERATOR STATOIL RIG. NEPT. NORDRAUG

ENGINEERS J. HANNAN/ D. FORD/ A. AASE/ E. SUNDE

Day No.	DATE 1982	DEPTH FEET ☐ METERS ☒	MUD PROPERTIES																							
			DENSITY PPG ☐ SG ☒	VISCOSITY sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	GELS 0 / 10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis Cl⁻ ppm ×1000	Ca. ++ ppm	Pf	RETORT % OIL	% SOLIDS	% SAND	BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"	OPERATION REMARKS
43	27.05	1682	1.45	61	28	18	20	7 / 33	7.4	1		11.0	17	280	0.9		17	T.R.	24							
44	28.05	1682	1.45	54	24	16	16	4 / 25	6	1		11.0	18.5	400	0.85		17	T.R.	23							
45	29.05	1682	1.45	48	22	15	14	3 / 25	5.7	1		11.0	18.3	380	0.7		14	T.R.	20							
46	30.5	1682	1.45	47	21.5	14	15	3 / 20	6.3	1		11.5	18	480	1.2		15	T.R.	20							
47	31.05	1727	1.45	52	27.5	19	17	3 / 19	5.0	1		11.2	19	320	1.2		15	T.R.	20							
48	01.06	1833	1.45	47	23.5	16	15	3 / 18	5.1	1		10.9	18.5	320	0.7		16	T.R.	20							
49	02.06	1896	1.45	47	23	15	16	3 / 20	5.1	1		10.4	18.5	360	0.4		16	T.R.	17.5							
50	03.06	1896	1.45	47	23	15	16	3 / 18	5.0	1		10.4	18.5	340	0.4		16	T.R.	17.5							
51	04.06	1896	1.45	46	21	14	14	3 / 12	5.0	1		10.4	18.5	340	0.4		16	T.R.	17.5							
52	05.06	1932	1.45	51	23	16	15	3 / 15	4.3	1		10.4	19	360	0.35		16	T.R.	17.5							
53	06.06	1970	1.45	48	21	14	14	5 / 13	4.6	1		10.8	19	220	0.5		16	T.R.	16							
54	07.06	2085	1.45	48	21	14	14	3 / 12	4.8	1		10.5	19	280	0.35		17	T.R.	16							
55	08.06	2101	1.45	50	21	14	14	3 / 12	5.0	1		10.3	19	340	0.3		17	T.R.	17.5							
56	09.06	2133	1.45	50	21.5	15	13	3 / 12	4.8	1		10.5	19	280	0.36		16	T.R.	17.5							

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Mud Properties Record

WELL NAME 7120/8-2 AREA TROMSØFLAKET

OPERATOR STATOIL RIG. NEPT. NORDAUG

MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS J. HANNAN/ E. SUNDE/ A. AASE/ I. TORGERSEN

Day No.	DATE 1982	DEPTH FEET □ METERS □	MUD PROPERTIES																								OPERATION REMARKS
			DENSITY PPG □ SG □	VISCOSITY sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	GELS 0/10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis Cl' ppm x1000	Ca. ++ ppm	Pf	RETORT % OIL	% SOLIDS	% SAND	BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"				
57	10.06	2173	1.45	51	21.5	15	13	3/10	4.8	1	15	10.6	19	160	0.4		16	T.R.	16.25								
58	11.06	2185.5	1.45	51	20	14	12	3/12	4.8	1		10.2	19	200	0.3		17	T.R.	17.5								
59	12.06	2218	1.45	52	21	15	12	3/13	5.3	1	16.5	10.2	18	180	0.3		16	T.R.	20								
60	13.06	2218	1.45	53	24	17	14	3/15	4.6	1	15.2	10.5	17	160	0.5		16	T.R.	20								
61	14.06	2218	1.45	50	24	17	14	3/16	4.4	1	14.1	10.7	16.5	180	0.7		16	T.R.	20								
62	15.06	2218	1.45	50	22.5	16	13	3/12	4.4	1	14.5	10.7	16.5	180	0.65		16	T.R.	20								
63	16.06	2218	1.45	50	24	17	14	3/13	4.4	1	14.3	10.5	17	180	0.5		16	T.R.	20								
64	17.06	2218	1.45	52	23.5	17	13	3/16	4.5	1	14.0	10.5	16.5	180	0.5		16	T.R.	20								
65	18.06	2218	1.45	50	23.5	17	13	3/15	4.6	1	14.5	10.5	16.5	200	0.5		16	T.R.	20								
66	19.06	2218	1.45	50	21.5	15	13	3/12	4.4	1	14.5	10.5	16	200	0.5		16	T.R.	20								
67	20.06	2218	1.45	50	22.5	16	13	3/12	4.4	1	14.6	10.6	16	180	0.6		16	T.R.	20								
68	21.06	2218	1.45	52	23	16	14	3/13	4.4	1	14.6	10.5	16	180	0.55		16	T.R.	20								
69	22.06	2292	1.45	51	25.5	18	15	3/19	4.2	1	14.8	10.5	14	200	0.6		18	T.R.	20								
70	22.06	2307	1.45	51	24	17	14	3/18	4.9	1	14.8	10.6	14	180	0.6		17	T.R.	20								

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Mud Properties Record

WELL NAME 7120/8-2 AREA TROMSØFLAKET

OPERATOR STATOIL RIG. NEPT. NORDRAUG

MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS D. FORD/ I. TORGERSEN/ E. SUNDE

Day No.	DATE 1982	DEPTH FEET □ METERS ☒	MUD PROPERTIES																								OPERATION REMARKS
			DENSITY PPG □ SG ☒	VISCOSITY sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	GELS 0/10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis Cl⁻ ppm x1000	Ca ++ ppm	Pf	RETORT % OIL	% SOLIDS	% SAND	BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"				
71	24.06	2363	1.45	50	25	18	14	3/18	4.4	1	14.6	10.8	14	140	0.55		18	T.R.	22.5								
72	25.06	2405	1.45	51	27	20	14	3/22	4.6	1	14.6	10.8	14	180	0.5		19	T.R.	22.5								
73	26.06	2421	1.45	52	27	20	15	3/21	4.6	1	14.8	10.5	14	140	0.5		18	T.R.	20								
74	27.06	2434	1.45	52	26	19	14	3/18	4.2	1	14.2	10.5	14	320	0.6		19	T.R.	20								
75	28.06	2475	1.45	50	26	19	14	3/18	4.5	1	14.0	11.0	14	390	1.0		19	T.R.	20								
76	29.06	2500	1.45	52	26	19	14	4/23	4.4	1	14.4	10.6	14	340	0.7		20	T.R.	20								
77	30.06	2551	1.45	50	24	18	12	3/17	4.3	1	14.2	10.8	14	140	0.8		20	T.R.	23								
78	01.07	2590	1.45	50	26	19	14	4/18	4.3	1	14.4	10.5	14	160	0.6		20	T.R.	22.5								
79	02.07	2590	1.45	52	26	19	14	3/17	4.3	1	14.3	10.5	14	160	0.6		20	T.R.	22								
80	03.07	2590	1.45	53	26	19	14	4/19	4.0	1	13.0	10.5	14.5	160	0.6		20	T.R.	22								
81	04.07	2590	1.45	52	26	20	12	4/17	4.0	1	13.2	10.5	16.5	180	0.55		19	T.R.	21.5								
82	05.07	2590	1.45	52	26.5	20	13	4/18	4.0	1	13.2	10.7	16.5	200	0.8		20	T.R.	21.5								
83	06.07	2590	1.45	52	24	18	12	3/12	4.2	1	13.2	11.0	16.5	200	1.1		19	T.R.	21.5								
84	07.07	2590	1.45	52	24	18	12	3/17	4.5	1	13.5	11.1	17.5	210	1.2		19	T.R.	21.5								

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Mud Properties Record

WELL NAME 7120/8-2 AREA TROMSØFLAKET

OPERATOR STATOIL RIG. NEPT. NORDRAUG

MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS A. AASE/ I. TORGERSEN

Day No.	DATE 1982	DEPTH FEET □ METERS ☒	MUD PROPERTIES: DENSITY PPG □ SG ☒	VISCOSITY: sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	GELS 0/10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis: Cl⁻ ppm x1000	Ca ++ ppm	Pf	RETORT: % OIL	% SOLIDS	% SAND	BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"	OPERATION REMARKS
85	08.07																							
86	09.07	2590	1.30	47	23	13	10	2/10	5.0	1		10.6	17	140	0.6		11		20						
87	10.07	2590	1.30	47		13	10	2/	5.0																
88	11.07	2590	1.30	47	19	14	10	2/10	4.0	1	13.1	10.6	17	160	0.7		12		20						
89	12.07	2590	1.30	47	19	14	10	2/11	4.0	1	13.0	10.6	17	160	0.65		12		20						
90	13.07	2590	1.30	48	19	14	10	2/10	4.0	1	13.0	10.6	17	160	0.7		12		20						
91	14.07	2590	1.30	50	20	15	10	2/11	4.0	1	13.1	10.6	17	160	0.9		12		20						
92	15.07	2590	1.30	49	20.5	15	11	2/11	4.0	1	13.1	10.8	17	160	1.0		12		20						
93	16.07	2590	1.30	53	22	16	12	3/14	4.8	1	14.0	11.3	17	240	1.8		13	T.R.	20						
94	17.07	2590	1.30	55	22	16	12	3/12	4.6	1	13.8	11.5	17	260	1.9		13	T.R.	20						
95	18.07	2590	1.30	57	20.5	15	11	3/12	4.6	1	14.0	11.5	17	280	2.0		13	T.R.	20						
96	19.07	2590	1.30	57	20.5	15	11	3/11	4.6	1	14.0	11.5	17	280	2.0		12	T.R.	20						
97	20.07	2590	1.30	53	20.5	15	11	3/12	4.7	1	14.0	11.5	17	280	1.8		12	T.R.	20						
98	21.07	2060	1.30	53	20.5	15	11	3/11	4.9	1	15.0	11.5	17	240	2.0		12	T.R.	20						

REMARKS

ANCHOR DRILLING FLUIDS AS
OSLO — STAVANGER

Drilling Mud Properties Record

WELL NAME 7120/8-2 AREA TROMSØFLAKET

OPERATOR STATOIL RIG. NEPT. NORDRAUG

MUD SYSTEM GEL/SEAWATER/LIGNO ENGINEERS I. TORGERSEN

Day No.	DATE 1982	DEPTH FEET ☐ METERS ☒	MUD PROPERTIES																							OPERATION REMARKS
			DENSITY PPG ☐ SG ☒	VISCOSITY sec/qt	A.V. cps	P.V. cps	Y.P. #/100 sq.ft.	GELS 0 / 10	FLUID LOSS 30 Min cc's	CAKE 32 nds	H.T.H.P. cc's	pH	Filtrate Analysis Cl⁻ ppm x1000	Ca ++ ppm	Pf	RETORT % OIL	% SOLIDS	% SAND	BENTONITE #/BBL	POTASH #/BBL	POLYMER #/BBL	"N"	"K"			
99	22.07	1467	1.30	56	20.5	15	11	3 / 10	5.1	1	15.0	11.5	17	260	2.0		12	T.R.	20							
100	23.07	1467	1.31	54	19	14	10	2 / 10	5.3	1	15.4	11.5	17	260	2.1		12	T.R.	20							
101	24.07	1467	1.33	54	19	14	10	3 / 10	5.4	1	15.4	11.5	17	280	2.1		12	T.R.	20							
102	25.07	515	1.33	52	19.5	14	11	3 / 13	6.2	1	17.8	11.8	17	320	2.3		12	T.R.	20							
103	26.07	290	1.34	49	18.5	13	11	3 / 12	7.2	1		11.5	17	320	2.1		12	T.R.	20							
104	27.07	306	1.33	49	17	12	10	2 / 10	7.4	1		11.5	17	340	2.0		12	T.R.	20							
105	28.07	306	1.33	50	15.5	11	9	2 / 10	7.4	1		11.5	17	340	2.0		11	T.R.	20							
106	29.07																									

REMARKS

Sampling

Two segregated samples were taken, one on each run, at 2083 m RKB and at 2150.5 m RKB respectively.

The sample taken at 2083 m RKB confirmed gas to be present (see sampling data). The 2 3/4 gallon chamber was bled off offshore and had an opening pressure of 2000 psig. It contained 9.4 cuft of gas and 8.5 liters of mudfiltrate/formation water. The 1 gallon chamber was sent onshore for analysis. The sample was transferred from the chamber to a sample bottle in Harstad 27 June 1982 and had then an opening pressure of 1500 psig, containing gas and mud filtrate/formation water.

The sample taken at 2150.5 m RKB was an attempt to prove movable hydocarbons to be present in the from logs indicated transition zone between 2150 and 2161 m RKB. The 2 3/4 gallon chamber was bled off at wellsite and had an opening pressure of 600 psig with 10.4 liters of filtrate/formation water and 0.22 cuft of gas. These records indicate a typical sample taken in waterbearing sand except for the pressure which is rather high for a water sample. The 1 gallon chamber was transferred onshore and had an opening pressure of 500 psig with 3.5 liters of mudfiltrate/cushion water and gas (0.29 l at 500 psig equivalent to 0.35 cuft at standard conditions). An analysis of the water done offshore indicated that the water was of mudfiltrate origin or cushion water origin. A leak in the o-rings in the piston could cause the cushion water to stream into the sample chamber, and a high amount of water will be recorded while also a high pressure will be recorded caused by some gas flowing into the chamber from the formation. But it should also be mentioned that this transistion zone could have movable formation water as well as movable hydrocarbon.

Table 1

RFT pressure points 7120/8-2

Depth, m RKB	Pressure psia	bara	gm/cc
2082	3394	234.01	1.146
2093	3399	234.35	1.142
2096.5	3403	234.63	1.141
2102	3398	234.28	1.137
2112	3402	234.56	1.133
2119	3405	234.77	1.130
2123	3407	234.90	1.129
2129	3409	235.04	1.126
2133	3412	235.25	1.125
2137	3413	235.32	1.123
2145.5	3411	235.18	1.118
2150.5	3416	235.52	1.117
2161	3417	235.59	1.112
2168	3426	236.21	1.111
2176.5	3442	237.32	1.112
2181	3450	237.87	1.112
2185.5	3455	238.21	1.112
2195	3469	239.18	1.111

Table 3 PRETEST RECORDED DATA

WELL: 7120/8-2

DATE: 21.06.82

RUN NO.: 1

Max. rec. temp.: 73.9 deg C

Test	Depth	Log hydr.pr. before/after test	Cor. hydr.pr. before test	Draw down	Fill up time	Log pretest pressure	Cor.pretest pressure	Cor.hydr.pr. after test	Remarks
No	mRKB	bara	bara,gm/cc	bara	sec.	bara	bara, gm/cc	bara,gm/cc	
1	2082	297.14/297.42	296.89, 1.454	1.7	18	234.75	234.52, 1.148	297.16, 1.456	Not
2	2085.5	298.38/298.24	298.13, 1.458	38.4	18	235.44	235.11, 1.150	297.99, 1.457	temp.
3	2093	298.93/298.90	298.68, 1.456	12.2	18	235.23	234.90, 1.145	298.54, 1.455	stabiliz
4	2096.5	299.00/298.80	298.75, 1.453	8.5	19	234.95	234.63, 1.141	298.54, 1.452	Good
5	2102.5	299.76/299.76	299.51, 1.453	-	-	-	- , -	299.51, 1.453	Tight
6	2102	299.14/299.00	298.89, 1.450	4.7	19	234.61	234.28, 1.137	298.75, 1.450	Good
7	2112	300.86/300.59	300.61, 1.452	38.3	18	234.88	234.56, 1.133	300.34, 1.450	Good
8	2119	302.31/301.83	302.06, 1.454	144.7	22	235.09	234.77, 1.130	301.58, 1.452	Fair
9	2123	302.59/302.24	302.34, 1.453	99.4	16	235.23	234.90, 1.129	301.99, 1.451	Fair
10	2129	303.42/303.21	303.23, 1.453	21.8	18	235.37	235.04, 1.126	302.96, 1.451	Good
11	2133	304.10/303.97	303.85, 1.453	122.9	18	235.57	235.25, 1.125	303.71, 1.452	Fair
12	2137	304.59/304.38	304.33, 1.453	123.2	18	235.64	235.32, 1.123	304.13, 1.452	Fair
13	2145.5	306.38/305.28	306.13, 1.455	19.9	36	235.57	235.25, 1.118	305.09, 1.450	Bad sta
14	2145.5	305.07/304.86	304.82, 1.449	8.3	17	235.50	235.18, 1.118	304.81, 1.448	Good
15	2151	306.38/306.38	306.13, 1.452	-	-	-	- , -	306.13, 1.452	Tight
16	2150.5	305.96/305.69	305.71, 1.450	124.7	17	235.85	235.52, 1.117	305.44, 1.449	Fair
17	2161	307.41/307.34	307.16, 1.450	6.9	17	235.92	235.59, 1.112	307.09, 1.449	Good
18	2168	308.10/308.10	307.85, 1.448	20.2	16	236.54	236.21, 1.111	307.85, 1.448	Good
19	2176.5	310.03/309.76	309.78, 1.452	12.2	18	237.64	237.32, 1.112	309.51, 1.450	Good
20	2181	310.38/310.24	310.13, 1.450	41.1	18	238.19	237.87, 1.112	309.92, 1.449	Fair
21	2186	310.79/310.86	310.54, 1.449	-	-	-	- , -	310.61, 1.449	Tight
22	2186	310.79/311.21	310.54, 1.449	-	-	-	- , -	310.95, 1.451	Tight
23	2206	314.52/314.31	314.26, 1.453	-	-	-	- , -	314.06, 1.452	Tight
24	2198.8	320.79/312.58	312.54, 1.450	240.2		240.54	240.21, 1.114	312.33, 1.449	Bad sta
25	2156.3	307.00/306.93	306.75, 1.451	-	-	-	- , -	306.68, 1.451	Tight
	2083	297.76/299.14	297.51, 1.457	6.8	18	235.63	235.32, 1.152	298.89, 1.464	Sample

Table 4

PRETEST RECORDED DATA

:LL: 7120/8-2

\TE: 21.06.82

)N NO.: 2

Max. rec. temp.: 73.9 deg C

:st	Depth	Log hydr.pr. before/after test	Cor. hydr.pr. before test	Draw down	Fill up time	Log pretest pressure	Cor.pretest pressure	Cor.hydr.pr. after test	Remarks
)	mRKB	bara	bara,gm/cc	bara	sec.	bara	bara, gm/cc	bara,gm/cc	
1	2082	296.59/296.45	296.34, 1.452	10.6	17	234.33	234.01, 1.146	296.20, 1.451	Good
2	2084	296.86/296.52	296.61, 1.452	93.5	19	234.33	234.01, 1.145	296.27, 1.450	Not stabl
3	2093	298.04/297.90	297.78, 1.451	52.0	18	234.68	234.35, 1.142	297.65, 1.450	Fair
4	2123	302.10/302.10	301.85, 1.450	82.5	18	235.30	234.97, 1.129	301.85, 1.450	Fair
5	2185.5	310.38/310.45	310.13, 1.447	174.9	20	238.54	238.21, 1.112	310.20, 1.448	Poor
6	2195	311.69/311.76	311.44, 1.447	41.6	16	239.50	239.18, 1.111	311.51, 1.447	Good
	2150.5	305.76/306.11	305.51, 1.449	187.7	18	235.78	235.46, 1.117	305.85, 1.451	Sample

RFT - sampling data

Well: 7120/8-2
Date: 21.06.82
Run no: 1
Type of sample (segreg./separate): Segregated
Chamber sizes, lower: 2 3/4 gallon
upper: 1 gallon
Choke sizes:
Filter type:

Depth	m RKB	
Log hydr. pres. bef. setting	bara	296.82
Log pretest pressure	bara	230.48
Cor. pretest pressure	bara (g/cc)	230.07 (1.126)
Lower/upper chamber:		Lower
time opened		-
log flowing pressure	bara	174.34
log shut-in pressure	bara	234.69
time sealed		20 min. 20 sec.
cor. flowing pressure	bara	173.93
cor. shut-in pressure	bara (g/cc)	234.28 (1.147)
Lower/upper chamber		Upper
time opened		-
log flowing pressure	bara	171.24
log shut-in pressure	bara	234.69
time sealed		13 min. 6 sec.
cor. flowing pressure	bara	171.31
cor. shut-in pressure	bara (g/cc)	234.28 (1.147)
Log hydr. pres. after retracting	bara	298.21
Max. recorded temp.	°C	165
Surf. pres., lower ch.	bara	137.93
Surf. pres., upper ch.	bara	

Comments: The 2 3/4 was bled off on deck.
The 1 gallon chamber was sent onshore for further analysis.

RFT - sampling data

Well: 7120/8-2
Date: 21.06.82
Run no: 2
Type of sample (segreg./separate): Segregated
Chamber sizes, lower: 2 3/4 gallon
upper: 1 gallon
Choke sizes:
Filter type:

Depth	m RKB	2150.5
Log hydr. pres. bef. setting	bara	304.83
Log pretest pressure	bara	
Cor. pretest pressure	bara (g/cc)	
Lower/upper chamber:		Lower
time opened		-
log flowing pressure	bara	22.76
log shut-in pressure	bara	234.83
time sealed		43 min.
cor. flowing pressure	bara	15.45
cor. shut-in pressure	bara (g/cc)	234.41 (1.112)
Lower/upper chamber		Upper
time opened		-
log flowing pressure	bara	13.79
log shut-in pressure	bara	234.83
time sealed		28 min. 12 sec.
cor. flowing pressure	bara	13.38
cor. shut-in pressure	bara (g/cc)	234.41 (1.112)
Log hydr. pres. after retracting	bara	305.17
Max. recorded temp.	°C	
Surf. pres., lower ch.	bara	41.38
Surf. pres., upper ch.	bara	-

Comments: The 1 gallon chamber sent onshore for further analysis.
The 2 3/4 gallon chamber was bleed off on rig.

7120/8-2 DST NO. 1: 2092 - 2097 m (RKB)

PRELIMINARY SUMMARY

FLOW PERIOD	DURATION (MIN)	WHP BAR	WHT (°C)	BHP* (BAR)	BHT* (°C)	GASRATE MSCMD	CONDRATE** SCMD	CHOKE (inch)
FIRST FLOW	825	58.4	16.1	148.42	66.2	489.6	12.67	64/64
FIRST BUILD-UP	1348	188.93	15.6	234.2	73.3	-	-	-
MULTIRATE: FIRST FLOW	297	160.4	24.4	203.9	76.8	251.1	6.02	24/64
SECOND FLOW	318	137.2	25.6	187.6	74.8	346.2	16.14	32/64
THIRD FLOW	286	104.25	23.3	169.4	72.0	470.4	17.5	44/64
BUILD - UP	297	191.27	-	233.8	74.3	-	-	-

Gas gravity : 0.679
Condensate gravity: 0.778
CO_2 : 4-5%
H_2S : 0
BS & W : 0

* Flopetrol SSDR 81048
** Measured in tank