



FORMATION PRESSURE WORKSHEET

Well No.: 6305/12-2

Rig : Deepsea Bergen

Date :08.12.93

Pressure Units :BAR

RKB-MSL :23m

Witnessed by :Klemp/Eide

Run No.	Depth (MD)	Depth TVD (RKB)	Initial Hydrostatic Press		Formation Pressure		Final Hydrostatic Press		Time		Remarks
			Strain	HP	Strain	HP	Strain	HP	Set	Retract	
1	2966.0		502.7	505.3	-	-	502.8	505.3	0910	0912	Tight/Temp 103.5 deg C
2	2966.5		502.7	505.2	473.2	476.4	502.7	505.3	0915	0955	Tight/ not 100% stable
3	2972.5		503.5	506.4	-	-	503.5	506.4	1005	1007	Tight/Temp 104.6 deg C
4	2972.0		503.2	506.3	-	-	503.4	506.4	1010	1011	Tight/Temp 104.7 deg C
5	2975.0		503.7	506.8	489.0	492.0	503.5	506.4	1016	1027	Tight/ Not stable, Temp 104.9 deg C
6	2978.0		504.2	507.3	-	-	504.3	506.5	1030	1035	Tight/Temp 105.0 deg C
7	2983.0		505.0	508.2	-	-	505.0	508.3	1036	1037	Tight/Temp 105.3 deg C
8	2986.0		505.5	508.6	-	-	505.3	508.4	1040	1042	Tight/Temp 105.5 deg C
9	2994.0		506.8	509.9	-	-	507.5	509.9	1047	1048	Tight/Temp 106.1 deg C
10	3000.0		507.9	511.0	493.5	496.7	507.9	510.0	1050	1055	Good 0.26 MD/Temp 106.4 deg C
11	3003.0		508.3	511.5	-	-	508.5	511.3	1100	1102	Tight/Temp 106.7 deg C
12	3002.5		508.2	511.4	-	-	508.3	511.4	1103	1104	No seal/Temp 106.9 deg C
13	3006.0		508.8	511.9	-	-	508.9	511.8	1109	1110	Tight

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Date :08.12.93

Pressure Units :BAR

RKB-MSL :23m

Witnessed by :Klemp/Eide

Run No.	Depth (MD)	Depth TVD (RKB)	Initial Hydrostatic Press		Formation Pressure		Final Hydrostatic Press		Time		Remarks
			Strain	HP	Strain	HP	Strain	HP	Set	Retract	
14	3005.5		508.7	511.9	-	-	508.8	511.8	1112	1114	Tight
15	3009.0		509.1	512.4	-	-	509.2	512.4	1116	1117	Tight/Temp 107.4 deg C
16	3008.5		509.0	512.4	-	-	509.0	512.5	1120	1124	Tight
17	3037.0		513.9	517.1	-	-	513.8	517.2	1130	1132	Tight/Temp 107.6 deg C
18	3036.5		513.6	517.0	-	-	513.9	517.0	1133	1134	Tight
19	3055.0		517.0	520.3	-	-	516.9	520.0	1136	1139	Tight/Temp 108.5 deg C
20	3054.5		516.9	520.0	-	-	516.8	519.9	1142	1144	Tight
21	3059.0		517.6	520.7	-	-	517.5	520.8	1145	1146	Tight/Temp 109.1 deg C
22	3062.0		517.9	521.4	-	-	518.0	521.5	1150	1151	Tight/Temp 109.2 deg C
23	3065.0		518.7	521.9	-	-	518.8	522.0	1152	1154	No seal/ Temp 109.5 degC
24	3064.5		518.5	521.8	-	-	518.6	521.7	1157	1158	No Seal
25	3092.0		523.2	526.2	-	-	523.6	526.4	1202	1204	Tight

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**FORMATION FLUID SAMPLING**

Well :6305/12-2

Rig :Deepsea Bergen

Pretest No.:		Sample Depth :3001m		Witnesses :O.Giskeøgegård, J.R.Eide	
Run No. :2B	Sample No:1	1st Chamber	2nd Chamber	3rd Chamber	
Chamber volume (gals/litres)		2 3/4 gal	1 gal		
Chamber No.		-	1900ZC331461		
Filling time (mins.)		2 hrs	1 hr 15 min		
Shut in press. (bar) / deg C		232 / 111.5	478 /112	/	
Chamber press. (surf bar) / T		13.8 /	/	/	
Gas volume (SCF/Sm ³)		0.006 Sm ³	-		
Oil volume (litres)		-	-		
Oil gravity (API / gm / cc)		-	-		
Water / Filtrate (litres)		7.6l			
Water / Filtrate PPM CL-		-	91600		
Water filtrate pH / Na ⁺ / Ca ⁺⁺		-	8.0/ 4646/ 159		
Mud filtrate PPM CL-		-	97800 mg/l		
Mud filtrate pH / Na ⁺ / Ca ⁺⁺		-	11.0/ 4819 / 58		
Gas composition %		C1	Too small volume to be sampled		
		C2			
		C3			
		iC4			
		nC4			
		H ₂ S			
		CO ₂			

Remarks :

DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS FOR WELL 6305/12-2

Hole section: 36"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
16-oct-1993 23:59	226	226	SEA WATER	100.0	1.03	0.0									0.0	0.0	0.0	0.0	0.0
17-oct-1993 22:00	226	226	SEA WATER	100.0	1.03	0.0									50.0	0.0	0.0	0.0	0.0

Hole section: 17 1/2"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
18-oct-1993 22:00	437	437	SEA WATER	100.0	1.50	0.0									50.0	0.0	0.0	0.0	0.0
19-oct-1993 22:00	437	437	SEA WATER	100.0	1.50	0.0									50.0	0.0	0.0	0.0	0.0
20-oct-1993 19:00	437	437	SEA WATER	100.0	1.20	0.0									50.0	0.0	0.0	0.0	0.0
20-oct-1993 23:30	437	437	SEA WATER	100.0	1.10	0.0									50.0	0.0	0.0	0.0	0.0

Hole section: 12 1/4"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
23-oct-1993 23:59	695	695	ANCO 2000	135.0	1.10	0.0									50.0	16.0	8.0	1.5	2.0
24-oct-1993 23:59	1238	1238	ANCO 2000	96.0	1.10	0.0	63	40	30	18					50.0	23.0	8.5	1.5	2.0
25-oct-1993 23:00	1244	1244	ANCO 2000	97.0	1.14	0.0	72	46	38	25					50.0	26.0	10.0	2.0	4.0
26-oct-1993 23:00	1244	1244	ANCO 2000	91.0	1.14	0.0	62	40	31	20					50.0	22.0	9.0	2.0	4.0

Hole section: 8 1/2"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
27-oct-1993 23:59	1244	1244	ANCO 2000	96.0	1.20	0.0	63	41	33	21					50.0	22.0	9.5	2.0	4.0
28-oct-1993 23:59	1528	1528	ANCO 2000	125.0	1.20	0.0	83	57	46	32					50.0	26.0	15.5	3.0	5.0
29-oct-1993 23:30	1843	1843	ANCO 2000	110.0	1.20	0.0	90	60	49	34					50.0	30.0	15.0	4.0	5.0
30-oct-1993 23:00	1988	1988	ANCO 2000	113.0	1.20	0.0	79	55	44	32					50.0	24.0	16.0	4.0	5.5
31-oct-1993 20:00	2213	2213	ANCO 2000	983.0	1.25	0.0	78	54	43	30					50.0	24.0	15.0	4.0	6.0
31-oct-1993 23:59	2213	2213	ANCO 2000	98.0	1.25	0.0	78	54	43	30					50.0	24.0	15.0	4.0	6.0
01-nov-1993 23:30	2569	2569	ANCO 2000	90.0	1.25	0.0	80	56	46	33					50.0	24.0	16.0	4.5	7.0
02-nov-1993 23:00	2876	2875	ANCO 2000	105.0	1.35	0.0	104	72	59	40					50.0	32.0	20.0	5.0	8.0
03-nov-1993 23:00	2962	2961	ANCO 2000	98.0	1.35	0.0	110	76	62	43					50.0	34.0	21.0	4.0	7.0

See also the report 'DAILY MUD PROPERTIES : OTHER PARAMETERS'

DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS FOR WELL 6305/12-2

Hole section: 8 1/2"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]	
	MD	TVD					600	300	200	100	60	30	6	3						
03-nov-1993	23:59	2884	2883	ANCO 2000	98.0	1.35	0.0	95	64	51	35			10	8	50.0	31.0	16.5	4.0	7.0
04-nov-1993	23:59	2920	2919	ANCO 2000	98.0	1.35	0.0	110	76	62	43			12	43	50.0	34.0	21.0	4.0	7.0
05-nov-1993	22:00	2973	2972	ANCO 2000	98.0	1.52	0.0	111	77	60	40			10	7	50.0	34.0	21.5	4.0	6.5
06-nov-1993	23:00	2973	2972	ANCO 2000	0.0	1.50	0.0	111	77	60	40			10	7	50.0	34.0	21.5	4.0	6.5
07-nov-1993	23:00	2973	2972	ANCO 2000	0.0	1.50	0.0	106	70	54	34			7	5	50.0	36.0	17.0	2.5	4.0
08-nov-1993	23:00	2973	2972	ANCO 2000	0.0	1.50	0.0	106	70	54	34			7	5	50.0	36.0	17.0	2.5	4.0
09-nov-1993	23:00	2973	2972	ANCO 2000	0.0	1.50	0.0	106	70	54	34			7	5	50.0	36.0	17.0	2.5	4.0
10-nov-1993	23:00	2973	2972	ANCO 2000	95.0	1.50	0.0	70	46	35	22			5	4	50.0	24.0	11.0	2.0	2.5
11-nov-1993	23:00	2973	2972	ANCO 2000	0.0	1.50	0.0	70	47	36	24			6	4	50.0	23.0	12.0	2.5	4.0
12-nov-1993	20:00	2670	2670	ANCO 2000	0.0	1.50	0.0	72	48	36	25			6	4	50.0	24.0	12.0	2.5	4.0
13-nov-1993	22:00	2670	2670	ANCO 2000	90.0	1.50	0.0	80	55	45	31			9	7	50.0	25.0	15.0	3.5	4.5
14-nov-1993	23:00	2670	2670	ANCO 2000	95.0	1.50	0.0	82	56	46	33			10	7	50.0	26.0	15.0	4.5	5.5
15-nov-1993	22:00	2670	2670	ANCO 2000	93.0	1.50	0.0	89	60	49	34			9	7	50.0	29.0	15.5	4.0	5.0

Hole section: 6"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]	
	MD	TVD					600	300	200	100	60	30	6	3						
16-nov-1993	22:00	2635	2635	ANCO 2000	104.0	1.50	0.0	87	59	48	33			9	6	50.0	28.0	15.5	3.5	4.5
17-nov-1993	22:00	2635	2635	ANCO 2000	85.0	1.50	0.0	90	61	48	33			9	7	50.0	29.0	16.0	4.0	5.5
18-nov-1993	23:00	2802	2802	ANCO 2000	78.0	1.50	0.0	96	66	50	34			9	7	50.0	30.0	18.0	4.0	5.0
19-nov-1993	23:00	2899	2898	ANCO 2000	78.0	1.50	0.0	95	65	52	36			10	7	50.0	30.0	17.5	4.0	6.0
20-nov-1993	23:30	2901	2900	ANCO 2000	82.0	1.55	0.0	95	65	50	35			10	7	50.0	30.0	17.5	4.0	5.0
21-nov-1993	23:30	2934	2933	ANCO 2000	91.0	1.60	0.0	118	78	61	40			10	7	50.0	40.0	19.0	4.0	5.5
22-nov-1993	22:00	2964	2963	ANCO 2000	96.0	1.63	0.0	120	79	62	41			9	6	50.0	41.0	19.0	3.5	5.5
23-nov-1993	22:00	2964	2963	ANCO 2000	101.0	1.73	0.0	124	80	64	41			8	5	50.0	44.0	18.0	3.5	4.5
24-nov-1993	23:59	2978	2977	ANCO 2000	111.0	1.73	0.0	120	76	57	37			7	5	50.0	44.0	16.0	3.0	5.0
25-nov-1993	23:59	2979	2978	ANCO 2000	110.0	1.73	0.0	117	74	57	36			7	5	50.0	43.0	15.5	2.5	4.0
26-nov-1993	23:59	2918	2917	ANCO 2000	96.0	1.73	0.0	104	67	50	32			6	5	30.0	37.0	15.0	2.5	5.0
27-nov-1993	23:59	2963	2962	ANCO 2000	87.0	1.73	0.0	118	73	55	34			6	5	29.0	45.0	14.0	2.5	3.0
28-nov-1993	23:59	2977	2976	ANCO 2000	108.0	1.73	0.0	114	71	53	33			5	4	50.0	43.0	14.0	2.0	3.0
29-nov-1993	22:00	2988	2987	ANCO 2000	110.0	1.73	0.0	107	66	50	31			6	5	50.0	41.0	12.5	2.5	3.5
30-nov-1993	23:00	2998	2997	ANCO 2000	105.0	1.73	0.0	106	65	49	30			5	4	50.0	41.0	12.0	2.0	3.0
01-dec-1993	23:00	3012	3011	ANCO 2000	112.0	1.73	0.0	105	65	50	31			5	4	50.0	40.0	12.5	2.0	3.5
02-dec-1993	23:00	3020	3019	ANCO 2000	0.0	1.73	0.0	108	67	50	31			6	5	50.0	41.0	13.0	2.5	3.0
03-dec-1993	23:00	3100	3099	ANCO 2000	104.0	1.73	0.0	112	71	54	35			7	5	50.0	41.0	15.0	2.5	4.0

See also the report 'DAILY MUD PROPERTIES : OTHER PARAMETERS'

DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS FOR WELL 6305/12-2

Hole section: 6"

WATER BASED SYSTEM

Date	Depth [m]		Mud Type	Funnel Visc [sec]	Dens [sg]	Mudtmp Out [DegC]	Fann Readings								Rheo Test [DegC]	PV [mPas]	YP [Pa]	Gel0 [Pa]	Gel10 [Pa]
	MD	TVD					600	300	200	100	60	30	6	3					
04-dec-1993 23:00	3143	3142	ANCO 2000	107.0	1.73	0.0	115	74	57	37			8	6	50.0	41.0	16.5	3.0	4.5
05-dec-1993 23:00	3143	3142	ANCO 2000	106.0	1.73	0.0	112	71	54	35			7	5	50.0	41.0	15.0	3.0	4.5
06-dec-1993 23:00	3159	3158	ANCO 2000	93.0	1.73	0.0	103	65	50	31			7	5	50.0	41.0	15.0	0.0	0.0
07-dec-1993 23:00	3162	3161	ANCO 2000	115.0	1.73	0.0	107	68	52	33			6	5	50.0	39.0	14.5	2.5	4.0
08-dec-1993 23:00	3162	3161	ANCO 2000	0.0	1.76	0.0	116	73	56	36			8	5	50.0	43.0	15.0	3.0	4.5
09-dec-1993 23:00	3162	3161	ANCO 2000	110.0	1.76	0.0	104	66	50	33			7	5	50.0	0.0	0.0	0.0	0.0
10-dec-1993 23:00	3162	3161	ANCO 2000	110.0	1.76	0.0	104	66	50	33			7	5	50.0	38.0	14.0	2.5	4.0
11-dec-1993 19:00	3162	3161	ANCO 2000	0.0	1.76	0.0	110	70	53	34			7	5	50.0	40.0	15.0	2.5	4.5
12-dec-1993 23:00	2866	2865	ANCO 2000	0.0	1.82	0.0	108	66	50	31			6	5	50.0	42.0	12.0	2.5	6.0
13-dec-1993 23:00	2530	2529	ANCO 2000	0.0	1.82	0.0	66	44	35	24			6	5	50.0	22.0	11.0	2.5	4.0
14-dec-1993 23:00	2530	2529	ANCO 2000	85.0	1.30	0.0	45	30	24	16			4	3	50.0	15.0	7.5	1.5	3.0
15-dec-1993 23:00	185	185	ANCO 2000	0.0	1.30	0.0	65	42	32	21			5	4	50.0	23.0	9.5	3.0	6.0
16-dec-1993 10:00	174	174	ANCO 2000	0.0	1.34	0.0	66	43	32	21			5	4	50.0	23.0	10.0	3.0	5.5

See also the report 'DAILY MUD PROPERTIES : OTHER PARAMETERS'

DAILY MUD PROPERTIES : OTHER PARAMETERS FOR WELL 6305/12-2

Hole section: 36*

WATER BASED SYSTEM

Date	Depth (m)		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CBC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
17-oct-1993 23:59	226	226	SEA WATER	1.03	0.0	0.0	0	0	0/0	10.7	0.0	0.0	0.0	0	0	250	0	0	0	0.0	0.0	0.0	0	0.0	0
17-oct-1993 22:00	226	226	SEA WATER	1.03	0.0	0.0	0	0	35/500	10.7	0.0	0.0	0.0	0	0	300	0	0	0	0.0	0.0	0.0	0	0.0	0

Hole section: 17 1/2"

WATER BASED SYSTEM

Date	Depth (m)		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CBC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
18-oct-1993 22:00	437	437	SEA WATER	1.50	0.0	0.0	0	0	35/500	10.7	0.0	0.0	0.0	0	0	350	0	0	0	0.0	0.0	0.0	0	0.0	0
20-oct-1993 16:00	437	437	SEA WATER	1.50	0.0	0.0	0	0	35/500	10.6	0.0	0.0	0.0	0	0	300	0	0	0	0.0	0.0	0.0	0	0.0	0
20-oct-1993 23:30	437	437	SEA WATER	1.50	0.0	0.0	0	0	35/500	10.6	0.0	0.0	0.0	0	0	300	0	0	0	0.0	0.0	0.0	0	0.0	0
20-oct-1993 23:30	437	437	SEA WATER	1.50	0.0	0.0	0	0	670	10.6	0.0	0.0	0.0	0	0	300	0	0	0	0.0	0.0	0.0	0	0.0	0

Hole section: 12 1/4"

WATER BASED SYSTEM

Date	Depth (m)		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CBC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
23-oct-1993 23:59	695	695	ANCO 2000	1.10	5.1	0.0	1	0	0/0	8.9	0.0	0.1	0.0	129	129	60000	260	0	340	4.5	0.0	0.0	9	0.0	0
24-oct-1993 23:59	1238	1238	ANCO 2000	1.14	4.0	0.0	1	0	0/0	8.6	0.0	0.1	0.0	103	103	53000	340	0	380	0.0	0.0	0.0	14	0.0	0
24-oct-1993 23:00	1244	1244	ANCO 2000	1.14	4.0	0.0	1	0	0/0	8.6	0.0	0.1	0.0	103	103	53000	340	0	380	0.0	0.0	0.0	14	0.0	0
26-oct-1993 23:00	1244	1244	ANCO 2000	1.14	4.0	0.0	1	0	0/0	8.6	0.0	0.1	0.0	97	97	513000	360	0	420	0.0	0.0	0.0	0	0.0	0

Hole section: 8 1/2"

WATER BASED SYSTEM

Date	Depth (m)		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CBC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
27-oct-1993 23:59	1244	1244	ANCO 2000	1.20	4.0	0.0	1	0	0/0	8.6	0.0	0.1	0.0	99	99	52000	320	0	400	8.5	0.0	0.0	27	0.0	0
28-oct-1993 23:59	1824	1824	ANCO 2000	1.20	4.0	0.0	1	0	0/0	8.6	0.0	0.1	0.0	147	147	80000	400	0	540	0.0	0.0	0.0	0	0.0	0
29-oct-1993 23:59	1824	1824	ANCO 2000	1.20	4.0	0.0	1	0	0/0	8.6	0.0	0.1	0.0	147	147	80000	400	0	540	0.0	0.0	0.0	0	0.0	0
30-oct-1993 23:59	2213	2213	ANCO 2000	1.25	3.0	0.0	1	0	80/0	8.6	0.0	0.0	0.0	0	0	98000	440	0	540	11.0	0.0	0.0	30	0.0	0
31-oct-1993 20:00	2213	2213	ANCO 2000	1.25	3.0	0.0	1	0	80/0	8.6	0.0	0.0	0.0	0	0	98000	440	0	540	11.0	0.0	0.0	30	0.0	0
31-oct-1993 23:59	2213	2213	ANCO 2000	1.25	3.0	0.0	1	0	80/0	8.6	0.0	0.0	0.0	0	0	98000	440	0	540	11.0	0.0	0.0	30	0.0	0
01-nov-1993 23:59	2873	2873	ANCO 2000	1.35	3.0	0.0	1	0	105/0	8.2	0.0	0.0	0.0	152	152	91000	400	0	520	14.7	0.0	0.0	32	0.0	0
02-nov-1993 23:59	2873	2873	ANCO 2000	1.35	3.0	0.0	1	0	105/0	8.2	0.0	0.0	0.0	152	152	91000	400	0	520	14.7	0.0	0.0	32	0.0	0
03-nov-1993 23:59	2884	2884	ANCO 2000	1.35	3.0	0.0	1	0	105/0	8.2	0.0	0.0	0.0	152	152	91000	400	0	520	14.7	0.0	0.0	32	0.0	0
04-nov-1993 23:59	2970	2970	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.2	0.0	0.0	0.0	160	160	89000	440	0	520	14.7	0.0	0.0	29	0.0	0
05-nov-1993 23:59	2970	2970	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.2	0.0	0.0	0.0	160	160	89000	440	0	520	14.7	0.0	0.0	29	0.0	0
06-nov-1993 23:59	2973	2973	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.2	0.0	0.0	0.0	160	160	89000	440	0	520	14.7	0.0	0.0	29	0.0	0
07-nov-1993 23:59	2973	2973	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.2	0.0	0.0	0.0	160	160	89000	440	0	520	14.7	0.0	0.0	29	0.0	0
08-nov-1993 23:00	2973	2973	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.2	0.0	0.0	0.0	160	160	89000	440	0	520	14.7	0.0	0.0	29	0.0	0
09-nov-1993 23:00	2973	2973	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.4	0.0	0.0	0.0	120	120	61000	180	0	280	16.0	0.0	0.0	29	0.0	0
10-nov-1993 23:00	2973	2973	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.4	0.0	0.0	0.0	130	130	62000	160	0	300	16.0	0.0	0.0	0	0.0	0
11-nov-1993 23:00	2973	2973	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.2	0.0	0.0	0.0	140	140	72000	200	0	300	15.0	0.0	0.0	0	0.0	0
12-nov-1993 23:00	2670	2670	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.2	0.0	0.0	0.0	140	140	72000	200	0	300	15.0	0.0	0.0	0	0.0	0
13-nov-1993 22:00	2670	2670	ANCO 2000	1.50	3.0	0.0	1	0	110/0	8.2	0.0	0.0	0.0	145	145	75000	320	0	380	15.5	0.0	0.0	2	0.0	0
14-nov-1993 23:00	2670	2670	ANCO 2000	1.50	3.2	0.0	1	0	110/0	8.6	0.0	0.0	0.0	145	145	76000	320	0	400	15.5	0.0	0.0	3	0.0	0
15-nov-1993 22:00	2670	2670	ANCO 2000	1.50	3.3	0.0	1	0	110/0	8.6	0.0	0.0	0.0	144	144	75000	320	0	400	15.5	0.0	0.0	3	0.0	0

Hole section: 6"

WATER BASED SYSTEM

Date	Depth (m)		Mud Type	Dens [sg]	Filtrate		Filt. cake		HPHT Press/Temp [psi/DegC]	pH	Alcalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	CL- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CBC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			API [ml]	HPHT [ml]	API [mm]	HPHT [mm]			Pm [ml]	Pf [ml]	Mf [ml]							Solid [%]	Oil [%]	Sand [%]			
16-nov-1993 22:00	2635	2635	ANCO 2000	1.50	3.2	13.0	1	0	110/0	8.7	0.0	0.0	0.5	145	0	76000	380	0	480	19.0	0.0	0.0	3	0.0	0
17-nov-1993 22:00	2635	2635	ANCO 2000	1.50	3.4	11.6	1	0	110/0	8.8	0.0	0.0	1.0	160	0	79000	720	0	800	19.2	0.0	0.0	0	0.0	0
18-nov-1993 23:00	2802	2802	ANCO 2000	1.50	3.4	11.6	1	0	110/0	8.8	0.0	0.0	1.0	160	0	79000	720	0	800	19.2	0.0	0.0	0	0.0	0
19-nov-1993 23:00	2899	2898	ANCO 2000	1.50	3.8	11.6	1	0	110/0	8.8	0.0	0.1	1.0	161	0	91000	400	0	560	19.7	0.0	0.0	4	0.0	0

See also the report 'DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS'

DAILY MUD PROPERTIES : OTHER PARAMETERS FOR WELL 6305/12-2

Hole section: 6"

WATER BASED SYSTEM

Date	Depth (m)		Mud Type	Dens [sg]	Filtrate		Filt. cake ADT (mm)	HPHT (mm)	HPHT Press/Temp [psi/DegC]	pH	Alkalinity			Inhib Chem [Kg/m3]	K+ [mg/l]	Cl- [mg/l]	Ca++ [mg/l]	Mg++ [mg/l]	Tot hard [mg]	Percentage			CBC [Kg/m3]	ASG [sg]	LGS [Kg/m3]
	MD	TVD			ADT [ml]	HPHT [ml]					Ca	Mg	Na							Solid [%]	Oil [%]	Sand [%]			
20-nov-1993 23:30	2901	2900	ANCO 2000	1.55	3.0	11.5	1		110/0	10.2	0.0	0.1	2	0	91000	480	0	52000	21.0	0.0	0.0	0	0	0	
21-nov-1993 23:30	2903	2903	ANCO 2000	1.60	3.0	11.5	1		110/0	10.2	0.0	0.1	2	0	91000	480	0	52000	21.0	0.0	0.0	0	0	0	
22-nov-1993 23:30	2904	2903	ANCO 2000	1.60	3.0	11.5	1		110/0	10.2	0.0	0.1	2	0	91000	480	0	52000	21.0	0.0	0.0	0	0	0	
23-nov-1993 23:59	2906	2903	ANCO 2000	1.73	3.0	12.8	1		110/0	10.2	0.0	0.1	2	0	91000	480	0	52000	21.0	0.0	0.0	0	0	0	
24-nov-1993 23:59	2978	2977	ANCO 2000	1.73	3.0	12.8	1		110/0	10.2	0.0	0.1	2	0	91000	480	0	52000	21.0	0.0	0.0	0	0	0	
25-nov-1993 23:59	2979	2978	ANCO 2000	1.73	3.0	13.4	1		110/0	10.2	0.0	0.1	2	0	89000	400	0	52000	21.0	0.0	0.0	0	0	0	
26-nov-1993 23:59	2980	2979	ANCO 2000	1.73	3.0	13.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
27-nov-1993 23:59	2981	2980	ANCO 2000	1.73	3.0	13.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
28-nov-1993 23:59	2982	2981	ANCO 2000	1.73	3.0	13.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
29-nov-1993 23:59	2988	2987	ANCO 2000	1.73	3.0	13.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
30-nov-1993 23:00	2998	2997	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
01-dec-1993 23:00	3000	3000	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
02-dec-1993 23:00	3100	3100	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
03-dec-1993 23:00	3143	3142	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
04-dec-1993 23:00	3143	3142	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
05-dec-1993 23:00	3143	3142	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
06-dec-1993 23:00	3143	3142	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
07-dec-1993 23:00	3143	3142	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
08-dec-1993 23:00	3143	3142	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
09-dec-1993 23:00	3143	3142	ANCO 2000	1.73	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
10-dec-1993 23:00	3161	3161	ANCO 2000	1.76	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
11-dec-1993 23:00	3161	3161	ANCO 2000	1.76	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
12-dec-1993 23:00	3161	3161	ANCO 2000	1.76	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
13-dec-1993 23:00	3161	3161	ANCO 2000	1.76	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
14-dec-1993 23:00	3161	3161	ANCO 2000	1.76	3.0	11.4	1		110/0	10.2	0.0	0.1	2	0	91000	400	0	52000	21.0	0.0	0.0	0	0	0	
15-dec-1993 23:00	185	185	ANCO 2000	1.30	3.0	0.0	1		110/0	10.2	0.0	0.1	2	0	64000	410	0	53000	12.0	0.0	0.0	0	0	0	
16-dec-1993 23:00	174	174	ANCO 2000	1.34	3.0	0.0	1		110/0	10.2	0.0	0.1	2	0	65000	600	0	54000	12.0	0.0	0.0	0	0	0	

See also the report 'DAILY MUD PROPERTIES : RHEOLOGY PARAMETERS'

1. Doc. type: <input type="checkbox"/> Agreement <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Report <input type="checkbox"/> Other			Exploration and Production		
2. Storage <input type="checkbox"/> 2 years <input type="checkbox"/> 5 years <input checked="" type="checkbox"/> Permanent archives			4. Doc. id. No. R-053522		
3. Grading <input type="checkbox"/> Open <input type="checkbox"/> Internal <input checked="" type="checkbox"/> Confidential <input type="checkbox"/> Strictly conf.			5. Copy no.		
6. Distribution NPD (2) Statoil (1) Amoco (1) Elf (1) Norsk Hydro		7. Title Routine Geochemistry of Well 6305/12-2			
<p>BA-94-1169-1</p> <p>14 JUNI 1994</p> <p>REGISTRERT</p> <p>OLJEDIREKTORATET</p>					
8. Summary/Conclusion/Recommendation Contamination: The Anco-2000 mud system is used in the interval from 1050 m MD to TD. Most of the samples are probably impregnated by this mud. All interpretation of the reported data must consider the possible effect from this contamination.					
9. Keywords Petroleum geochemistry, source rock, maturity, correlation, mud additives					
10. Pages-appendix	11. Amendment No.	12. Revision No.	13. Revisions date		
14. Quadrant/Block-well 6305/12-2	15. Project No. 333901	16. Licence No. PL154	17. Date 16.05.94		
18. Unit	Bas.mod./Pet.geochemistry				
19.-21. Department/project	Geo-section				
22.-24. Author(s)	Nils Telnæs				
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1. INTRODUCTION

Well 6305/12-2, operated by Norsk Hydro, was spudded on 16.10. 1993, and reached TD at 3160.6 m KB m in Basement.

A geoseismic section with a well location map is given in Figure 1.1., and a preliminary well summary is given in Figure 1.2.

Vitrinite reflectance analysis, and stable isotopic analyses have been carried out by Geolab Nor, while SCI and visual kerogen description is carried out by SPT, Wales. All other analyses and compilation of this report is carried out by Norsk Hydro Research Center in Bergen.

The analytical work, and reporting of results is carried out in accordance with "*The Norwegian Industry Guide to Organic Geochemical Analyses, 1993*".

A list of all analysed samples in this study and their lithologies is given in Table 1.1.

The objectives of this report are:

1. Establish a maturity profile through the well.
2. Characterize potential source rocks and their hydrocarbon generation potential.
3. Characterize migrated hydrocarbons encountered in the analysed section, and to correlate these with potential source rocks.

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St.Depth	EndDepth	Type	Lith.	RE	REx	PyGC	Ex	MPLC	Iatro	FID-SAT	MSD-SAT	FID-ARO	MSD-ARO	Isotope	Vit.Ro	SCI
490.00	500.00	DC	SLST												1	1
590.00	600.00	DC	SH												1	1
690.00	700.00	DC	SH												1	1
790.00	800.00	DC	SH												1	1
890.00	900.00	DC	SH												1	1
990.00	1000.00	DC	SH												1	1
1090.00	1100.00	DC	SH												1	1
1190.00	1200.00	DC	SLST												1	1
1290.00	1300.00	DC	SLST												1	1
1390.00	1400.00	DC	SH												1	1
1490.00	1500.00	DC	SH												1	1
1590.00	1600.00	DC	SH												1	1
1690.00	1700.00	DC	SH												1	1
1790.00	1800.00	DC	SH												1	1
1890.00	1900.00	DC	SST/SH												1	1
1910.00	1920.00	DC	SST/SH												1	
1920.00	1930.00	DC	SST/SH/SL												1	
1930.00	1940.00	DC	SST/SH												1	
1940.00	1950.00	DC	MRL/SH/SS												1	
1950.00	1960.00	DC	SH												1	
1960.00	1970.00	DC	SH												1	
1970.00	1980.00	DC		1												
1990.00	2000.00	DC	SH												1	1
2010.00	2020.00	DC		1	1		1	1	1	1	1	1	1			
2090.00	2100.00	DC	SH												1	1
2190.00	2200.00	DC	SH												1	1
2290.00	2300.00	DC	SH												1	1
2390.00	2400.00	DC	SH												1	1
2490.00	2500.00	DC	SH												1	1
2520.00	2530.00	DC		1	1		1	1	1	1	1	1	1	1		
2570.00	2580.00	DC		1												
2590.00	2600.00	DC	SH												1	1
2640.00	2650.00	DC		1												
2650.00	2660.00	DC		1												
2690.00	2700.00	DC	SH												1	1
2710.00	2720.00	DC		1												
2720.00	2730.00	DC		1												
2740.00	2750.00	DC	SH												1	
2750.00	2760.00	DC	SH												1	
2760.00	2770.00	DC	SH												1	
2770.00	2780.00	DC	SH/SLST												1	
2780.00	2790.00	DC	SH												1	
2790.00	2800.00	DC	SH												1	1
2800.00	2805.00	DC		1												
2820.00	2825.00	DC		1	1	1	1	1	1	1	1	1	1	1		1
2825.00	2830.00	DC		1												
2830.00	2835.00	DC		1												
2835.00	2840.00	DC		1												1
2840.00	2845.00	DC		1												
2845.00	2850.00	DC		1												
2850.00	2855.00	DC		1												1
2855.00	2860.00	DC		1												
2860.00	2865.00	DC		1												
2865.00	2870.00	DC		1												1
2870.00	2875.00	DC		1												

Table 1.1. List of all analysed samples in and their lithologies.

St.Depth	EndDepth	Type	Lith.	RE	REx	PyGC	Ex	MPLC	Iatro	FID-SAT	MSD-SAT	FID-ARO	MSD-ARO	Isotope	Vit.Ro	SCI
2875.00	2880.00	DC		1												
2880.00	2885.00	DC		1	1	1	1	1	1	1	1	1	1	1		1
2890.00	2895.00	DC		1												
2895.00	2900.00	DC		1											1	1
2900.00	2905.00	DC		1												
2905.00	2910.00	DC		1												1
2910.00	2915.00	DC		1												
2915.00	2920.00	DC		1												1
2920.00	2925.00	DC		1	1	1	1	1	1	1	1	1	1	1		
2925.00	2930.00	DC		1												1
2930.00	2935.00	DC		1												
2935.00	2940.00	DC		1												
2940.00	2945.00	DC		1												
2945.00	2950.00	DC		1	1	1	1	1	1	1	1	1	1			
2952.00	2955.00	DC		1												1
2955.00	2957.00	DC		1	1	1	1	1	1	1	1	1	1	1		
2960.00	2962.00	DC		1												
2962.00	2965.00	DC		1												1
2975.97	2975.97	COCH	Coal	1	1	1	1	1	1	1	1	1	1	1		
2976.24	2976.24	COCH	Coal	1												
2992.00	2995.00	DC	SH/CONTAM												1	1
2996.00	2996.00	SWC	SST	1	1		1	1	1	1	1	1	1	1		
3003.50	3003.50	COCH		1												
3005.25	3005.25	COCH		1	1		1	1	1	1	1	1	1	1		
3007.40	3007.40	COCH	Coal	1												
3018.70	3018.70	COCH	Coal	1	1	1	1	1	1	1	1	1	1	1	1	1
3038.00	3038.00	SWC	SST	1												
3048.00	3048.00	SWC	SST	1	1		1	1	1	1	1	1	1	1		
3066.00	3066.00	SWC	SST	1												
3091.50	3091.50	SWC	SST	1												
3097.00	3100.00	DC	SH/SLST												1	1
3131.50	3131.50	SWC	SST	1	1		1	1	1	1	1	1	1	1		
3135.00	3135.00	SWC	SST	1												
3157.00	3160.00	DC	EVAP/SH/C												1	1

TABLE: 2.1



VITRINITE REFLECTANCE Ro (average values), WELL NOR:6305/12-2

Depth (m)	Lithology	Type	Population I %Ro n	Population II %Ro n	Analysing Company
500.00	SLST	DC	0.29 (20)		GEOLABUK
600.00	SH	DC	0.29 (20)		GEOLABUK
700.00	SH	DC	0.31 (20)		GEOLABUK
800.00	SH	DC	0.32 (20)		GEOLABUK
900.00	SH	DC	0.33 (20)		GEOLABUK
1000.00	SH	DC	0.33 (20)		GEOLABUK
1100.00	SH	DC	0.35 (20)		GEOLABUK
1200.00	SLST	DC	0.34 (20)		GEOLABUK
1300.00	SLST	DC	0.36 (20)		GEOLABUK
1400.00	SH	DC	0.37 (20)		GEOLABUK
1500.00	SH	DC	0.40 (20)		GEOLABUK
1600.00	SH	DC	0.41 (20)		GEOLABUK
1700.00	SH	DC	0.42 (20)		GEOLABUK
1800.00	SH	DC	0.42 (20)		GEOLABUK
1900.00	SST/SH	DC	0.44 (20)		GEOLABUK
1920.00	SST/SH	DC	0.42 (20)		GEOLABUK
1930.00	SST/SH/SLST	DC	0.40 (20)		GEOLABUK
1940.00	SST/SH	DC	0.47 (20)	0.66 (2)	GEOLABUK
1950.00	MRL/SH/SST	DC	0.43 (13)	0.73 (7)	GEOLABUK
1960.00	SH	DC	0.60 (4)		GEOLABUK
1970.00	SH	DC	0.48 (4)		GEOLABUK
2000.00	SH	DC	0.50 (7)		GEOLABUK
2100.00	SH	DC	0.46 (11)		GEOLABUK
2200.00	SH	DC	0.41 (11)		GEOLABUK
2300.00	SH	DC	0.45 (10)		GEOLABUK
2400.00	SH	DC	0.43 (8)		GEOLABUK
2500.00	SH	DC	0.45 (7)		GEOLABUK
2600.00	SH	DC	0.46 (4)		GEOLABUK
2700.00	SH	DC	0.50 (3)		GEOLABUK
2750.00	SH	DC	0.50 (7)		GEOLABUK
2760.00	SH	DC	0.46 (8)		GEOLABUK
2770.00	SH	DC	0.45 (11)		GEOLABUK
2780.00	SH/SLST	DC	0.35 (5)		GEOLABUK

TABLE: 2.1

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VITRINITE REFLECTANCE R_o (average values), WELL NOR:6305/12-2 (cont'd)

Depth (m)	Lithology	Type	Population I % R_o n	Population II % R_o n	Analysing Company
2790.00	SH	DC	0.61 (4)		GEOLABUK
2800.00	SH	DC	0.44 (9)		GEOLABUK
2900.00	BULK	DC	0.43 (20)		GEOLABUK
2995.00	SH/CONTAM/C	DC	0.65 (25)		GEOLABUK
3018.70	COAL	COCH	0.75 (30)		GEOLABUK
3100.00	SH/SLST	DC	0.68 (30)		GEOLABUK
3160.00	EVAP/SH/CMT	DC	0.72 (9)		GEOLABUK

Vis. kerogen analysis on 6305/12-2

St.Depth	EndDepth	Type	Lith.	SCI	SCI-R
490.00	500.00	DC	SLST	3.0	6.0
590.00	600.00	DC	SH	3.0	6.5
690.00	700.00	DC	SH	3.0	
790.00	800.00	DC	SH	3.0	
890.00	900.00	DC	SH	3.0	
990.00	1000.00	DC	SH	3.0-3.5?	
1090.00	1100.00	DC	SH	3.5?	
1190.00	1200.00	DC	SLST	2.5	
1290.00	1300.00	DC	SLST	3.0	
1390.00	1400.00	DC	SH	3.5	
1490.00	1500.00	DC	SH	4.0	
1590.00	1600.00	DC	SH	3.5	7.0
1690.00	1700.00	DC	SH	4.0	6.0
1790.00	1800.00	DC	SH	3.5-4.0	
1890.00	1900.00	DC	SST/SH	4.0	5.5
1990.00	2000.00	DC	SH	3.5	
2090.00	2100.00	DC	SH	4.0	
2190.00	2200.00	DC	SH	4.0	
2290.00	2300.00	DC	SH	4.0	
2390.00	2400.00	DC	SH	7.0	6.5
2490.00	2500.00	DC	SH	4.0	5.5
2590.00	2600.00	DC	SH	3.5-4.0	
2690.00	2700.00	DC	SH	4.0	6.5
2790.00	2800.00	DC	SH	3.5	
2820.00	2825.00	DC		4.0	6.0
2835.00	2840.00	DC		4.0	
2850.00	2855.00	DC		4.0	6.0
2865.00	2870.00	DC		4.0	
2880.00	2885.00	DC		4.5	6.5
2895.00	2900.00	DC		4.0	
2905.00	2910.00	DC		4.0	
2915.00	2920.00	DC		4.0	
2925.00	2930.00	DC		4.5	8.0
2952.00	2955.00	DC		3.5-4.0	6.0
2962.00	2965.00	DC		5.0	
2992.00	2995.00	DC	SH/CONTAM	5.0	8.0
3018.70	3018.70	COCH	Coal	ND	
3097.00	3100.00	DC	SH/SLST	6.0	
3157.00	3160.00	DC	EVAP/SH/C	6.0	7.5

Table 2.3.1. Spore Coloration Indices (SCI).

TABLE: 3.1.1

ROCK EVAL SCREENING DATA, WELL NOR:6305/12-2

Depth (m)	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
1980.00	BULK	DC	359	1.2	3.0	1.1	283	0.28	NORSK HYDRO
2020.00	BULK	DC	363	1.5	3.2	1.3	252	0.31	NORSK HYDRO
2530.00	BULK	DC	362	1.2	2.2	0.9	235	0.35	NORSK HYDRO
2580.00	BULK	DC	360	0.7	2.0	0.9	225	0.25	NORSK HYDRO
2650.00	BULK	DC	359	0.7	2.0	0.9	220	0.27	NORSK HYDRO
2660.00	BULK	DC	361	1.0	2.2	1.0	227	0.31	NORSK HYDRO
2720.00	BULK	DC	359	0.7	1.9	0.9	217	0.27	NORSK HYDRO
2730.00	BULK	DC	360	0.9	2.3	1.1	219	0.28	NORSK HYDRO
2805.00	BULK	DC	359	0.9	2.3	1.1	212	0.28	NORSK HYDRO
2825.00	BULK	DC	357	0.8	2.0	1.0	207	0.27	NORSK HYDRO
2830.00	BULK	DC	358	0.9	2.4	1.1	213	0.28	NORSK HYDRO
2835.00	BULK	DC	360	0.8	2.1	1.0	206	0.27	NORSK HYDRO
2840.00	BULK	DC	359	0.7	2.1	1.0	209	0.24	NORSK HYDRO
2845.00	BULK	DC	356	0.7	1.9	1.0	190	0.27	NORSK HYDRO
2850.00	BULK	DC	359	0.6	2.0	1.1	184	0.24	NORSK HYDRO
2855.00	BULK	DC	358	0.7	2.1	1.2	176	0.25	NORSK HYDRO
2860.00	BULK	DC	359	0.8	2.0	1.2	163	0.29	NORSK HYDRO
2865.00	BULK	DC	360	0.7	2.2	1.3	166	0.25	NORSK HYDRO
2870.00	BULK	DC	360	1.1	2.3	1.2	185	0.32	NORSK HYDRO
2875.00	BULK	DC	359	1.0	2.1	1.2	173	0.32	NORSK HYDRO
2880.00	BULK	DC	366	1.1	3.6	1.7	209	0.24	NORSK HYDRO
2885.00	BULK	DC	371	0.5	3.2	1.4	228	0.15	NORSK HYDRO
2895.00	BULK	DC	364	0.8	3.1	1.4	224	0.21	NORSK HYDRO
2900.00	BULK	DC	358	0.7	2.5	1.3	189	0.23	NORSK HYDRO
2905.00	BULK	DC	357	0.4	1.8	1.1	154	0.20	NORSK HYDRO
2910.00	BULK	DC	361	0.5	2.1	1.3	158	0.18	NORSK HYDRO
2915.00	BULK	DC	358	0.5	1.8	1.1	157	0.21	NORSK HYDRO
2920.00	BULK	DC	358	0.6	2.2	1.2	177	0.22	NORSK HYDRO
2925.00	BULK	DC	358	0.6	2.3	1.4	163	0.20	NORSK HYDRO
2930.00	BULK	DC	360	0.6	2.3	1.4	163	0.20	NORSK HYDRO
2935.00	BULK	DC	354	0.7	1.8	1.2	150	0.27	NORSK HYDRO
2940.00	BULK	DC	351	0.7	1.8	0.9	207	0.27	NORSK HYDRO
2945.00	BULK	DC	355	0.6	1.9	0.8	237	0.24	NORSK HYDRO

TABLE: 3.1.1

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ROCK EVAL SCREENING DATA, WELL NOR:6305/12-2 (cont'd)

Depth (m)	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2950.00	BULK	DC	365	0.6	2.9	1.2	241	0.17	NORSK HYDRO
2955.00	BULK	DC	354	0.8	2.0	0.8	252	0.29	NORSK HYDRO
2957.00	BULK	DC	356	0.9	2.5	0.9	286	0.26	NORSK HYDRO
2962.00	BULK	DC	356	1.0	2.4	0.9	268	0.29	NORSK HYDRO
2965.00	BULK	DC	357	1.3	2.2	0.8	262	0.37	NORSK HYDRO
2975.97	CARBARG	COCH	443	10.0	77.4	22.2	349	0.11	NORSK HYDRO
2976.24	CARBARG	COCH	443	12.4	81.2	27.1	300	0.13	NORSK HYDRO
2996.00	SST	SWC	348	0.8	0.6	0.3	193	0.57	NORSK HYDRO
3003.50	SST	COCH	413	0.1	0.0	0.3	11		NORSK HYDRO
3005.25	SST	COCH	342	0.4	0.3	0.2	158	0.59	NORSK HYDRO
3007.40	CARBARG	COCH	446	20.4	131.0	45.7	287	0.13	NORSK HYDRO
3018.70	COAL	COCH	442	25.1	243.9	77.9	313	0.09	NORSK HYDRO
3038.00	SST	SWC	447	1.3	2.9	3.7	78	0.31	NORSK HYDRO
3048.00	SST	SWC	345	1.3	0.8	0.4	200	0.62	NORSK HYDRO
3066.00	SST	SWC	446	0.5	1.6	1.1	146	0.25	NORSK HYDRO
3091.50	SST	SWC	445	1.3	3.6	2.0	181	0.26	NORSK HYDRO
3131.50	SST	SWC	344	3.3	0.6	0.8	74	0.85	NORSK HYDRO
3135.00	SST	SWC	446	1.3	3.6	2.2	164	0.26	NORSK HYDRO

TABLE: 3.1.2.

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STRATIGRAPHY, WELL NOR:6305/12-2

	TOP (m)	BOTTOM (m)	Simple Mean							Weighted Mean				
			S1 (kg/t)	S2 (kg/t)	TOC (%)	HI	PI	Tmax	VRO	S1 (kg/t)	S2 (kg/t)	TOC (%)	HI	
	292.0	601.0								0.29				
	601.0	1160.0								0.33				
	601.0	1160.0								0.33				
	1160.0	1274.0								0.34				
	1274.0	1319.0								0.36				
	1319.0	1778.0								0.40				
	1778.0	1848.0								0.42				
	1160.0	1848.0								0.39				
	1848.0	1936.0								0.42				
	1936.0	2593.0	1.1	2.6	1.0	248	0.3	361		0.47	1.3	2.7	1.1	243
	2593.0	2870.0	0.8	2.1	1.1	199	0.3	358		0.47	0.8	2.2	1.0	211
	2870.0	2882.5	1.1	2.8	1.5	190	0.3	362			1.0	2.8	1.5	190
	2882.5	2920.0	0.5	2.1	1.2	166	0.2	358	0.43		0.5	2.1	1.2	166
	2920.0	2966.0	0.8	2.2	1.0	222	0.3	356			0.7	2.2	1.1	216
	2966.0	2970.0												
	2966.0	2970.0												
	2970.0	3144.0	6.0	42.1	14.1	188	0.4	411		0.69	5.1	35.3	12.2	173
	3144.0	3200.0								0.72				

TABLE: 3.1.3

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ROCK EVAL SCREENING DATA ON EXTRACTED SEDIMENTS, WELL NOR:6305/12-2

Depth (m)	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2020.00	BULK	DC	434	0.1	1.3	1.0	131	0.06	NORSK HYDRO
2530.00	BULK	DC	437	0.1	0.9	0.7	116	0.06	NORSK HYDRO
2825.00	BULK	DC	363	0.1	0.9	0.9	99	0.09	NORSK HYDRO
2885.00	BULK	DC	383	0.1	1.5	1.3	114	0.07	NORSK HYDRO
2925.00	BULK	DC	403	0.1	1.0	1.3	78	0.08	NORSK HYDRO
2950.00	BULK	DC	376	0.2	1.3	1.1	121	0.14	NORSK HYDRO
2957.00	BULK	DC	362	0.1	0.5	0.6	77	0.16	NORSK HYDRO
2975.97	CARBARG	COCH	442	1.2	68.2	20.3	336	0.02	NORSK HYDRO
2996.00	SST	SWC	558	0.0	0.5	0.3	135	0.06	NORSK HYDRO
3005.25	SST	COCH	447	0.0	0.0	0.1	13		NORSK HYDRO
3018.70	COAL	COCH	439	9.9	248.9	75.1	332	0.04	NORSK HYDRO
3048.00	SST	SWC	449	0.0	0.1	1.0	7	0.30	NORSK HYDRO
3131.50	SST	SWC	366	0.2	0.3	0.5	63	0.44	NORSK HYDRO

Vis. kerogen analysis on 6305/12-2

St.Depth	EndDepth	Type	Lith.	%-Vitrinite	%-AOM(N-F)	%-Inerts	%-AOM(F)	%-Exinite
490.00	500.00	DC	SLST	60	10	10	0	20 (S,D)
590.00	600.00	DC	SH	20	40	0	40	tr (S,D)
690.00	700.00	DC	SH	5	35	0	60	tr (S,D)
790.00	800.00	DC	SH	10	60	tr	30	tr (S,D)
890.00	900.00	DC	SH	20	40	tr	40	tr (S,D)
990.00	1000.00	DC	SH	10	65	0	25	tr (S,D)
1090.00	1100.00	DC	SH	20	40	tr	40	tr (D)
1190.00	1200.00	DC	SLST	10	55	0	30	5 (S)
1290.00	1300.00	DC	SLST	20	65	5	5	5 (S)
1390.00	1400.00	DC	SH	75	10	15	0	Mnr (S,S)
1490.00	1500.00	DC	SH	50	20	25	tr	5 (S)
1590.00	1600.00	DC	SH	15	70	10	0	5 (D,S)
1690.00	1700.00	DC	SH	25	50	15	0	10 (S)
1790.00	1800.00	DC	SH	35	0	20	40	5 (S,D)
1890.00	1900.00	DC	SST/SH	55	20	10	0	15 (S,D)
1990.00	2000.00	DC	SH	40	0	40	10	10 (D,S)
2090.00	2100.00	DC	SH	10	40	30	0	20 (D,S)
2190.00	2200.00	DC	SH	10	55	25	0	10 (D,S)
2290.00	2300.00	DC	SH	5	60	30	0	5 (S,D)
2390.00	2400.00	DC	SH	5	20	60	0	15 (D,S)
2490.00	2500.00	DC	SH	5	65	20	5	5 (D,S)
2590.00	2600.00	DC	SH	Mnr	40	50	0	10 (D,S)
2690.00	2700.00	DC	SH	5	40	50	0	5 (D,S)
2790.00	2800.00	DC	SH	20	30	45	0	5 (D,S)
2820.00	2825.00	DC		10	60	30	0	Mnr (D,S)
2835.00	2840.00	DC		5	30	55	0	10 (D,S)
2850.00	2855.00	DC		10	35	10	5	10 (D,S)
2865.00	2870.00	DC		5	15	75	0	5 (D,S)
2880.00	2885.00	DC		5	70	10	10	5 (S,D)
2895.00	2900.00	DC		5	35	40	10	10 (S,D)
2905.00	2910.00	DC		10	50	35	0	5 (S,D)
2915.00	2920.00	DC		10	10	60	10	10 (S,D)
2925.00	2930.00	DC		15	25	40	10	10 (S,D)
2952.00	2955.00	DC		5	35	50	10	10 (S,D)
2962.00	2965.00	DC		25	10	55	0	10 (S,D)
2992.00	2995.00	DC	SH/CONTAM	20	5	65	10?	Mnr (S)
3018.70	3018.70	COCH	Coal	ND	0	0	0	0
3097.00	3100.00	DC	SH/SLST	90	0	10	0	0
3157.00	3160.00	DC	EVAP/SH/C	85	0	10	0	5 (S)
			ND =	Not Detctable				
			S =	Spores, pollen				
			D =	Dinoflagellates				

Table 3.3.1. Visual Kerogen Analysis.

Depth (m)	STERANES			TRITERPANES			AROMATICS	
	%20S	% abb	%TAS	%22S	%Ts	% Diahop.	MPI	DNR
2020	40	60	29	51	37	11	0.4	4.9
2530	36	50	44	58	46	10	0.6	3
2825	29	46	51	57	21	10	0.4	1.9
2885	36	28	35	37	16	6	0.4	2
2925	17	38	45	53	19	10	0.4	2.3
2950	31	34	45	45	22	7	0.4	2.2
2957	25	43	54	53	28	7	0.2	2.3
2975	47	65	57	59	62	18	0.7	3.6
2996	53	68	40	60	73	25	0.6	3.6
3005	52	68	36	61	74	28	0.6	3.7
3018	50	66	40	59	75	30	0.6	3.5
3048	46	67	46	61	51	20	0.6	3.3
3131	44	66	48	57	47	9	0.6	3.1

Table 2.5.1. Biomarker maturity parameters.

TABLE: 3.5.1.



ISOTOPE ANALYSIS RESULTS (SEDIMENT SAMPLES), WELL NOR:6305/12-2

Depth (m)	Lithology	Type	d13C EXTR	d13C SAT	d13C ARO	d13C POL	d13C ASP	d13C KERO	Analysing Company
2530.00	BULK	DC		-27.55	-26.52	-28.57	-25.74		GEOLABNOR
2825.00	BULK	DC		-27.72		-29.09	-25.29		GEOLABNOR
2885.00	BULK	DC				-29.14	-26.33		GEOLABNOR
2925.00	BULK	DC			-27.35	-29.15	-26.73		GEOLABNOR
2957.00	BULK	DC		-28.62		-29.05	-27.86		GEOLABNOR
2975.97	CARBARG	COCH		-26.04	-25.07	-25.82	-24.62		GEOLABNOR
2996.00	SST	SWC		-27.16	-25.90	-29.17	-25.49		GEOLABNOR
3005.25	SST	COCH		-26.99	-28.42	-29.20	-24.83		GEOLABNOR
3018.70	COAL	COCH		-27.04	-24.79	-26.24	-24.48		GEOLABNOR
3048.00	SST	SWC		-27.31	-26.61	-29.39	-24.91		GEOLABNOR
3131.50	SST	SWC		-27.60	-26.32	-27.01	-26.23		GEOLABNOR

TABLE: 3.6.1.

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HYDRO

EXTRACTION/DEASPHALTING DATA (SEDIMENTS), WELL NOR:6305/12-2

Depth (m)	Lithology	Type	Rock (g)	EOM (mg)	ASP (mg)	EOM (%)	ASP (%)	EOM (ppm)	TOC (%)	EOM/TOC (%)	Analysing Company
2020.00	BULK	DC	15.1	111.5	2.4	0.74	2.2	7400	1.3	0.6	NORSK HYD
2530.00	BULK	DC	15.7	75.8	2.4	0.48	3.2	4800	0.9	0.5	NORSK HYD
2825.00	BULK	DC	11.8	62.5	1.0	0.53	1.6	5300	1.0	0.5	NORSK HYD
2885.00	BULK	DC	16.4	109.8	1.3	0.67	1.2	6700	1.4	0.5	NORSK HYD
2925.00	BULK	DC	16.5	84.0	1.4	0.51	1.7	5100	1.4	0.4	NORSK HYD
2950.00	BULK	DC	9.3	58.0	0.8	0.62	1.4	6200	1.2	0.5	NORSK HYD
2957.00	BULK	DC	9.7	63.8	0.5	0.66	0.8	6600	0.9	0.8	NORSK HYD
2975.97	CARBARG	COCH	1.1	11.8	1.6	1.10	13.6	11000	22.2	0.0	NORSK HYD
2996.00	SST	SWC	7.0	22.5	1.2	0.32	5.3	3200	0.3	1.1	NORSK HYD
3005.25	SST	COCH	20.9	20.5	1.1	0.10	5.4	1000	0.2	0.5	NORSK HYD
3018.70	COAL	COCH	1.1	14.5	4.4	1.28	30.3	12800	77.9	0.0	NORSK HYD
3048.00	SST	SWC	5.3	22.0	0.6	0.42	2.7	4200	0.4	1.0	NORSK HYD
3131.50	SST	SWC	5.9	41.0	1.1	0.69	2.7	6900	0.8	0.9	NORSK HYD

TABLE: 3.6.2.

Petroleum Geochemistry Group
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HYDRO

COMPOSITION OF DEASPHALTED EXTRACT (IATROSCAN), WELL NOR:6305/12-2

(all values in %)

Depth (m)	Lithology	Type	Hydrocarbons				Non-HC TOTAL	TOTAL HC/Non-HC	Analysing Company
			SAT	ARO	TOTAL	SAT/ARO			
2020.00	BULK	DC	4.5	3.0	7.5	1.5	92.5	0.1	NORSK HYDRO
2530.00	BULK	DC	20.5	11.0	31.5	1.9	68.5	0.5	NORSK HYDRO
2825.00	BULK	DC	6.0	2.0	8.0	3.0	92.0	0.1	NORSK HYDRO
2885.00	BULK	DC	1.5	0.5	2.0	3.0	98.0	0.0	NORSK HYDRO
2925.00	BULK	DC	6.5	2.5	9.0	2.6	91.0	0.1	NORSK HYDRO
2950.00	BULK	DC	2.5	1.0	3.5	2.5	96.5	0.0	NORSK HYDRO
2957.00	BULK	DC	2.0	1.0	3.0	2.0	97.0	0.0	NORSK HYDRO
2975.97	CARBARG	COCH	18.0	64.0	82.0	0.3	18.0	4.6	NORSK HYDRO
2996.00	SST	SWC	19.5	5.5	25.0	3.5	75.0	0.3	NORSK HYDRO
3005.25	SST	COCH	37.0	6.0	43.0	6.2	47.0	0.9	NORSK HYDRO
3018.70	COAL	COCH	20.5	45.0	65.5	0.5	34.5	1.9	NORSK HYDRO
3048.00	SST	SWC	13.5	2.0	15.5	6.8	84.5	0.2	NORSK HYDRO
3131.50	SST	SWC	15.5	3.5	19.0	4.4	81.0	0.2	NORSK HYDRO