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HYDRO

FORMATION PRESSURE WORKSHEET

Well No. : 6305/12-1

Rig : TRANSOCEAN 8

Date : 13.09.91

Pressure Units : BARS

RKB-MSL : 23.5m

Witnessed by : A.Waldum

Run no. 3B	Depth (MD)	Depth TVD (RKB)	Initial Hydrostatic Press		Formation Pressure		Final Hydrostatic Press		Time		Remarks
			Strain	HP	Strain	HP	Strain	HP	Set	Retract	
1	3331.0		441.80	441.50	NOT STABLE		441.97	441.68	12:35	14:28	113.4 deg C
2a	3359.6		445.67	445.68	SEAL FAILURE						113.4 deg C
2b	3359.6		445.70	445.50	SEAL FAILURE						113.7 deg C
2c	3345.0		443.81	443.45	SEAL CHECK OK						113.8 deg C
2d	3353.3		444.85	444.40	SEAL CHECK OK						113.8 deg C
2e	3353.0		444.83	444.61	SEAL FAILURE						113.8 deg C
2f	3353.1		444.82	444.54	481.65	481.70	445.55	444.44	15:07	15:22	113.9 deg C
					Sample collected at 3331.0m						
					1st chamber opened at 12:58						
					Shut in pressure 15.72 bars						
					2nd chamber opened at 01:45						
					Shut in pressure 9.80 bars						

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FORMATION FLUID SAMPLING

Well : 6305/12-1

Rig : TRANSOCEAN 8

Pretest No. : 1		Sample Depth : 3455.6m MD		Witnesses : A.Waldum/ K.Jongepier	
Run No. :3A	Sample No. : 1	1st Chamber	2nd Chamber	3rd Chamber	
Chamber volume (gals/litres)		2 3/4 gallons	1 gallon		
Chamber No.			RFS-AB-1232		
Filling time (mins.)		45	65		
Shut in press. (bar)/T deg C		73.37 / 113.3	305.84 / 115.8	/	
Chamber press. (surf bar)/T		43 / 15	/	/	
Gas volume (SCF/Sm3)		7.5 SCF			
Oil volume (litres)		0.25			
Oil gravity (API/gm/cc)		26 / 0.89			
Water / Filtrate (litres)		5.25			
Water / Filtrate PPM CL-		15 000			
Water filtrate pH/pF/Ca++		9.8/0.9/ <1000	/ /	/ /	
Mud filtrate PPM CL-		98 000	98 000		
Mud filtrate pH/pF/Ca++		8.3/0.05 /220	8.3/0.05 /220	/ /	
Gas composition %	C1	583 770			
	C2	77 388			
	C3	59 478			
	IC4	7 524			
	NC4	13 284			
	NC5	1 624			
	CO2				

Remarks : Oil is emulsified and separates very slowly from oily filtrate. Centrifuging does not improve separation. Possible cause: cement contamination (high Ca-content).

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HYDRO

FORMATION FLUID SAMPLING

Well : 6305/12-1

Rig : TRANSOCEAN 8

Pretest No. : 1		Sample Depth : 3331.0m		Witnesses : A.Waldum/ K.Jongepier	
Run No. :3B	Sample No. : 1	1st Chamber	2nd Chamber	3rd Chamber	
Chamber volume (gals/litres)		2 3/4 gal	1 gal		
Chamber No.		RFS-AE-1184			
Filling time (mins.)		47	40		
Shut in press. (bar)/T deg C		15.72 / 113.4	9.80 / 113.4	/	
Chamber press. (surf bar)/T		0 / 11	/	/	
Gas volume (SCF/Sm3)		Nil			
Oil volume (litres)		0.20			
Oil gravity (API/gm/cc)		Oil emulsified			
Water / Filtrate (litres)		1.80			
Water / Filtrate PPM CL-		15000			
Water filtrate pH/pF/Ca++		14.1/10.71/300	/ /	/ /	
Mud filtrate PPM CL-		92000	92000		
Mud filtrate pH/pF/Ca++		8.6/ 0.25/160	8.6/ 0.25/160	/ /	
Gas composition %	C1	-			
	C2	-			
	C3	-			
	IC4	-			
	NC4	-			
	H2S	-			
	CO2	-			

Remarks : Oil film/emulsion on top of watery filtrate. Separates very slowly. Separation not improved by centrifugation. Black precipitate of unidentified constituents.

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:      :      M u d   c o n s u m p t i o n      Date      :
:  ((( :      -----                          30/9-1991  :
: (ooo) :      System : BORE                          :
:-----: Well: 6305/12-1                          :
: Norsk : Mud company: Anchor drilling          :
: Hydro :                                          13:
=====
:
:                                          Actual
:                                          used
:
:-----

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Drilling of 36 " hole

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-----
BARITE           Kg      219000
BENTONITE        Kg      68000
CAUSTIC SODA     Kg       650
CMC HI VIS       Kg       408
CMC HI-VIS       Kg       506
SODA ASH         Kg       823

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Drilling of 24 " hole

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-----
BARITE           Kg      101000
BENTONITE        Kg      42000
CAUSTIC SODA     Kg       500
CMC HI-VIS       Kg       860
SODA ASH         Kg       748

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Drilling of 17 1/2" hole

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-----
BARITE           Kg      100000
BENTONITE        Kg         4
CLAYCAP          Kg      1288
KOH              Kg       75
PAC POLYMER SUP  Kg     12710
SODA ASH         Kg     1462
SODIUM BICARB    Kg       80
XANTAN POLYMER   Kg     4008
DEFOAMER         l         425
KCL BRINE        l     915000

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Drilling of 12 1/4" hole

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-----
BARITE           Kg      41000
CAUSTIC SODA     Kg       200
CITRIC ACID      Kg       300
CLAYCAP          Kg     8199
KCL POWDER       Kg     7198
KOH              Kg       400
PAC POLYMER S    Kg     7278
SODIUM BICARB    Kg       520
XANTAN POLYMER   Kg     2771
KCL BRINE        l     510000
PROPAC          l       1040

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Drilling of 8 1/2" hole

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BARITE           Kg      85052
BENTONITE        Kg     23000
CAUSTIC SODA     Kg       25
CITRIC ACID      Kg       700
CLAYCAP          Kg     3058

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Daily mud properties														Date		Date									
														30/9-1991		30/9-1991									
System : BORE																									
Well: 6305/12-1																									
Norsk : Mud Contractor: Anchor drilling																									
Hydro : Data: "Mid depth" from table 3, otherwise from table 14.														4:		14. 4:									
Mid. depth	Mud	PV	YP	GEL	GEL	:100	HP/HT	Cl-	Alkalinity	Ca++	Oil	Sol	H2O	V.G.	meter at 115 gr. F	Type									
Date	m,MD	(SG)	cp	Pa	Pa	Pa	pH	(cc)	(cc)	mg/l	Pf	Pm	Mf	mg/l	%	%	%	rpm	rpm	rpm	rpm	rpm	rpm	rpm	Type
910727	0	1.00	99	99																					SPUD
910728	0	1.00	99	99																					SPUD
910729	0	1.04	23	17						10/10								80	57	50	43	32	28	SPUD	
910730	292	1.04	23	17														80	57	50	43	32	28	SPUD	
910731	325	1.04	20	17			9.6											74	54	48	41	31	27	SPUD	
910801	325	1.04	20	19	10	20	9.5											74	54	48	41	31	27	SPUD	
910802	325	1.05	18	19	12	21												75	57	49	42	32	26	SPUD	
910803	325	1.05	18	20	12	21	9.5											76	58	49	43	32	25	SPUD	
910804	413	1.05	18	20	12	21	9.5											76	58	49	43	32	25	SPUD	
910805	720	1.05	21	19	13	22	9.6											80	59	49	43	33	25	SPUD	
910806	720	1.05	19	19	13	21												77	58	49	44	33	25	SPUD	
910807	721	1.25	23	19	13	20	9.6											84	61	50	43	33	24	SPUD	
910808	721	1.20	17	12	3	4	9.3	5.0		51/51								59	42	35	25	8	6	SPUD	
910809	1005	1.20	15	12	3	4	8.4	5.0										55	40	33	24	7	6	SPUD	
910810	1473	1.21	20	14	3	4	8.9	5.0										64	48	40	28	8	6	SPUD	
910811	1830	1.21	16	11	2	4	8.8	4.8		72000/72000	0.50	0.20	0.10	280/280		6		54	38	30	21	6	4	SPUD	
910812	1983	1.22	18	15	4	5	8.7	5.0		84000/84000	0.50	0.10	0.10	520/520		8		66	48	40	29	8	6	SPUD	
910813	2017	1.22	18	13	3	4	8.5	4.3		82000/82000	0.10	0.40	0.30	360/360		8		63	45	38	28	8	6	KCL/POLYMER	
910814	2017	1.22	18	14	3	4	8.5	4.5		82000/82000	0.10	0.20	0.20	340/340		9		64	46	39	28	8	6	KCL/POLYMER	
910815	2017	1.22	18	14	3	4	8.5	4.6		82000/82000	0.10	0.20	0.10	300/300		9		64	46	39	28	8	6	KCL/POLYMER	
910816	2178	1.22	18	14	3	6	9.5	4.4		9.5:83000/83000	0.10	0.80	0.40	160/160		8		64	46	38	27	7	5	KCL/POLYMER	
910817	2768	1.22	18	16	3	5	8.5	4.1		13.0:92000/92000	0.10	0.20	0.50	320/320		8		67	49	41	29	8	6	KCL/POLYMER	
910818	3108	1.23	19	15	3	5	8.5	4.1		11.0:95000/95000	0.20	0.30	2.00	400/400		8		68	49	40	28	7	5	KCL/POLYMER	
910819	3345	1.25	19	17	4	6	8.0	4.1		12.0:92000/92000	0.20	0.40	1.80	160/160		9		72	53	43	31	8	6	KCL/POLYMER	
910820	3515	1.26	18	14	3	6	8.4	4.1		13.0:98000/98000	0.20	0.20	1.20	260/260		9		64	46	38	27	7	5	KCL/POLYMER	
910821	3520	1.26	18	14	4	5	8.5	4.1		10.0:98000/98000	0.20	0.20	1.20	280/280		9		65	47	37	27	7	5	KCL/POLYMER	
910822	3520	1.26	18	14	3	5	8.5	4.0		10.1:98000/98000	0.20	0.20	1.20	280/280		9		64	46	36	27	7	5	KCL/POLYMER	
910823	3520	1.26	18	13	3	5	8.5	4.1		10.2:98000/98000	0.20	0.20	1.10	260/260		9		62	44	35	25	6	5	KCL/POLYMER	
910824	3520	1.26	18	13	3	5	8.6	4.2		10.5:98000/98000	0.20	0.20	1.10	240/240		9		61	43	34	24	6	5	KCL/POLYMER	
910825	3539	1.26	18	12	3	5	9.7	4.2		9.9:98000/98000	0.10	0.90	1.10	600/600		9		60	42	34	23	6	5	KCL/POLYMER	
910826	3673	1.30	17	10	3	4	9.2	3.9		9.0:92000/92000	0.10	0.50	1.10	280/280		9		53	36	30	20	5	3	KCL/POLYMER	
910827	3701	1.30	16	10	3	6	9.5	3.8		9.4:88000/88000	0.20	0.90	1.20	200/200		9		51	36	28	19	5	3	KCL/POLYMER	
910828	3707	1.30	18	10	3	5	9.4	3.6		9.4:82000/82000	0.20	0.80	1.10	220/220		9		56	38	30	20	6	4	KCL/POLYMER	
910829	3781	1.30	17	9	3	4	9.4	3.8		10.4:78000/78000	0.10	0.70	1.30	200/200		8		51	34	28	18	5	3	KCL/POLYMER	
910830	3905	1.30	17	7	2	4	9.0	3.8		11.0:75000/75000	0.10	0.70	1.30	280/280		8		48	31	24	15	4	3	KCL/POLYMER	
910831	3955	1.30	17	7	2	3	9.0	3.4		10.0:72000/72000	0.10	0.70	1.30	300/300		9		48	31	25	15	4	3	KCL/POLYMER	
910901	4037	1.30	17	7	2	4	8.6	3.6		10.5:72000/72000	0.10	0.60	1.00	400/400		9		50	33	26	16	4	2	KCL/POLYMER	
910902	4112	1.30	16	7	2	4	8.4	3.2		10.0:71000/71000	0.10	0.50	1.00	400/400		9		46	30	23	16	4	3	KCL/POLYMER	
910903	4142	1.30	17	9	2	4	8.4	3.2		10.5:71000/71000	0.10	0.40	0.80	420/420		9		51	34	20	16	4	3	KCL/POLYMER	
910904	4169	1.36	18	8	3	4	8.4	3.2		10.6:69000/69000	0.10	0.50	1.30	440/440		9		51	33	25	16	4	3	KCL/POLYMER	
910905	4178	1.36	17	8	3	5	8.4	3.0		10.4:72000/72000	0.10	0.50	1.30	440/440		9		50	33	26	17	4	3	KCL/POLYMER	
910906	4243	1.36	19	8	3	5	8.5	2.7		10.6:70000/70000	0.10	0.40	1.30	460/460		10		54	35	27	17	4	3	KCL/POLYMER	
910907	4300	1.38	20	9	3	6	8.5	3.0		10.6:70000/70000	0.10	0.30	1.40	500/500		10		58	38	29	19	5	4	KCL/POLYMER	
910908	4300	1.37	20	9	3	6	8.5	3.0		10.5:69000/69000	0.10	0.30	1.40	520/520		10		58	38	29	19	5	4	KCL/POLYMER	

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:           Daily mud properties           Date           Date           :
: ((           System : BORE           30/9-1991           30/9-1991           :
: (ooo) :                               :                               :
:----- Well: 6305/12-1                               :                               :
: Norsk : Mud Contractor: Anchor drilling                               :                               :
: Hydro : Data: "Mid depth" from table 3, otherwise from table 14. 4:                               14. 4:
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: Mid.: Mud : PV: YP: GEL: GEL: : 100 : HP/HT: Cl- : Alkalinity : Ca++ : Oil: Sol: H2O: V.G. meter at 115 gr. F: :
: depth: Dens.: : : 0: 10: : psi : : inn/out : : inn/out: : : : 600: 300: 200: 100: 6: 3: Mud :
: Date: m, MD: (SG) : cp: Pa: Pa: Pa: pH : (cc): (cc) : mg/l : Pf : Pm : Mf : mg/l : % : % : % : rpm: rpm: rpm: rpm: rpm: rpm: Type :
:-----
: 910909: 4300: 1.37: 20: 9: 3: 6: 8.0: 3.5: 10.8: 68000/68000: 0.10: 0.20: 1.40: 540/540: : 10: : 57: 37: 27: 18: 5: 4: KCL/POLYMER:
:-----
: 910910: 4300: 1.36: 19: 7: 2: 4: 7.8: 3.5: 11.0: 65000/65000: : 0.10: 1.50: 720/720: : 10: : 54: 35: 26: 16: 4: 3: KCL/POLYMER:
: 910911: 4300: 1.37: 20: 8: 2: 3: 8.0: 3.5: 11.0: 64000/64000: : : 1.50: 480/480: : 11: : 51: 37: 28: 18: 4: 3: KCL/POLYMER:
: 910912: 4302: 1.37: 18: 10: 2: 4: 8.4: 3.2: 11.0: 65000/65000: : 0.10: 1.60: 430/430: : 11: : 55: 37: 29: 18: 4: 3: KCL/POLYMER:
: 910913: 4302: 1.37: 18: 9: 2: 4: 8.4: 3.2: 11.0: 65000/65000: : 0.10: 1.60: 480/480: : 11: : 55: 37: 29: 18: 4: 3: KCL/POLYMER:
: 910914: 3280: 1.37: 18: 9: 2: 4: 9.4: 3.2: 11.0: 65000/65000: 0.10: 0.50: 1.80: 520/520: : 11: : 55: 37: 29: 18: 4: 3: KCL/POLYMER:
:-----
: 910915: 600: 1.36: 17: 9: 2: 3: : 4.5: : : : : : : : : : 51: 34: 25: 17: 4: 3: KCL/POLYMER:
: 910916: 228: 1.36: 17: 9: : : 12.3: : : : : : : : : : 49: 32: 23: 16: 3: 2: KCL/POLYMER:
: 910917: 228: 1.35: 17: 7: 1: 2: 12.3: : : : : : : : : : 49: 32: 23: 16: 3: 2: KCL/POLYMER:
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Norsk Hydro a.s Bergen
E&P Research Centre

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Summary/Conclusion//Recommendation

Keywords

Source rocks, migrated hydrocarbons, maturity, oil-correlations, coal, organic matter type

Pages-appendix 16 + app.	Amendment no.	Revision no.	Revision date
Quadrant/Block-well 6305/12-1	Project no. 31269	Licens no. PL154	Date 14.07.92
Department	BASIN MODELLING/PETROLEUM GEOCHEMISTRY		
Section	GEOSECTION		
Authors	L. AAKVAAG AND T. HANESAND <i>Trouel Jensen</i>		
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40920 hydro n

Vitrinite reflectance was measured on 35 samples from the interval 750 m - 4220 m

by Geo-Optics, Newcastle, U.K. The report from Geo-Optics is included as Appendix IV to this report. All other geochemical analyses together with the compilation and interpretation presented in this report were undertaken by Norsk Hydro Research Centre, Bergen, Norway.

The sample type abbreviations SWC (sidewall core), COCH (core chip, A-cut), DCW (drill cuttings, received wet) and DCD (drill cuttings, received washed and dried) are used throughout this report.

All reported depths are in meters relative to rotary kelly bushing (m MD RKB), driller's depth.

TABLE 4.1 Group type separation data

SAMPLE	EOM (ppm)	% SAT	% ARO	% POL	% ASP
1810 m SWC	600	40.2	8.9	22.3	28.6
3336 m SWC	3900	77.5	14.4	5.4	2.7
3452.5 m SWC	2900	66.1	24.3	6.9	2.7
3454 m SWC	4800	68.4	24.3	5.4	1.9
3455 m SWC	4900	68.0	24.4	5.2	2.4
3455.6 m RFT		61.6	36.4	1.7	0.3
3723 m SWC	3900	65.9	19.2	9.2	5.7

TABLE 4.2 Calculated molecular ratios

SAMPLE	Prist/Phyt	Prist/n-C ₁₇	CPI
1810 m SWC	1.3	0.8	1.0
3336 m SWC	2.0	0.6	1.2
3452.5 m SWC	2.1	0.6	1.1
3454 m SWC	2.2	0.6	1.1
3455 m SWC	2.2	0.6	1.1
3455.6 m RFT	2.2	0.6	1.1
3723 m SWC	6.0	0.6	1.3

TABLE 4.3 Sterane biomarker ratios

SAMPLE	%20S	% $\alpha\beta\beta$	%27	%28	%29	Dia/Reg
1810 m SWC	47	61	46	23	31	1.4
3336 m SWC	53	66	40	21	39	1.9
3452.5 m SWC	51	65	40	21	39	2.4
3454 m SWC	51	66	36	21	43	1.9
3455 m SWC	51	65	36	20	44	1.7
3723 m SWC	51	63	17	12	71	1.1

TABLE 4.4 Triterpane biomarker ratios

SAMPLE	T_s/T_m	29/29+30	28/28+29	25-Nor/29
1810 m SWC	1.1	0.52	0.12	0.04
3336 m SWC	1.4	0.35	0.13	0.22
3452.5 m SWC	2.3	0.31	0.13	0.39
3454 m SWC	1.8	0.35	0.11	0.35
3455 m SWC	1.8	0.35	0.15	0.36
3723 m SWC	1.5	0.40	0.12	0.14

TABLE 1.2

HYLAB RESULTS MANAGEMENT : Formation Summary Reporting selected from screen

Well	St.Depth	En.Depth	Simple Mean							Weighted Mean			
			S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax	VRO	S1 kg/t	S2 kg/t	TOC %	
6305/12-1	200.00	315.00											
6305/12-1	315.00	492.00											
6305/12-1	492.00	1060.00	0.22	1.56	0.9	173	0.1	421	0.28	0.22	1.53	0.9	
6305/12-1	1060.00	1075.00	0.17	1.22	0.6	203	0.1						
6305/12-1	1075.00	1122.00	0.21	1.27	0.8	162	0.1						
6305/12-1	1122.00	1804.00	0.16	1.52	1.2	145	0.1	431	0.36	0.14	1.57	1.3	
6305/12-1	1804.00	1973.00	0.11	0.79	0.6	186	0.1	430	0.31	0.09	0.70	0.4	
6305/12-1	1973.00	2742.00	0.11	1.18	0.8	157	0.1	451	0.50	0.14	1.63	1.0	
6305/12-1	2742.00	3140.00	0.11	0.92	0.9	103	0.1	439	0.55	0.09	0.84	0.8	
6305/12-1	3140.00	3158.00	0.84	3.59	2.2	165	0.2	440					
6305/12-1	3158.00	3546.00	0.78	0.76	0.7	102	0.4	455	0.61	0.39	1.00	0.9	
6305/12-1	1973.00	3546.00	0.47	0.97	0.8	124	0.2	451	0.54	0.21	1.34	1.0	
6305/12-1	3546.00	3685.00	0.23	0.67	0.9	67	0.3	451	0.78	0.24	0.66	1.0	
6305/12-1	3546.00	3685.00	0.23	0.67	0.9	67	0.3	451	0.78	0.24	0.66	1.0	
6305/12-1	3685.00	4063.00	3.60	26.29	13.3	149	0.2	458	1.00	4.12	29.85	15.5	
6305/12-1	4063.00	4302.00	0.45	3.08	2.9	94	0.2	461	0.82	0.64	4.62	4.1	

Table 2.1 VITRINITE REFLECTANCE DATA WELL 6305/12-1
Average values



Depth	%	Lithology	Type	Population I	Population II	Population III	SCI
750.00	100	SLTY.SH	SWC	0.25 (20)			
860.00	100	SH	SWC	0.32 (20)			
950.00	100	SLTY.SH	SWC	0.25 (20)			
1050.00	100	SLTY.SH	SWC	0.30 (20)			
1180.00	100	SLTY.SH	SWC	0.27 (20)			
1255.00	100	SLTY.SH	SWC	0.33 (20)			
1330.00	100	SLTY.SH	SWC	0.37 (20)			
1400.00	100	SH	SWC	0.39 (20)			
1520.00	100	SH	SWC	0.36 (19)			
1615.00	100	SH	SWC	0.42 (22)			
1720.00	100	SH	SWC	0.39 (19)			
1804.00	100	SLTY.SH	SWC	0.35 (8)			
1960.00	100	SLTY.SH	SWC	0.31 (21)			
2035.00	100	SH	SWC	0.43 (10)			
2153.00	100	SH	SWC	0.50 (5)			
2268.00	100	SH	SWC	0.48 (16)			
2387.00	100	SH	SWC	0.54 (2)			
2448.00	100	CALC.CLYST	SWC	0.43 (2)			

Table 2.1 VITRINITE REFLECTANCE DATA WELL 6305/12-1 (cont'd)
Average values



Depth	%	Lithology	Type	Population I	Population II	Population III	SCI
2596.00	100	SH	SWC	0.56 (11)			
2710.00	100	SH	SWC	0.56 (20)			
2809.00	100	SH	SWC	0.55 (2)			
2934.00	100	SH	SWC	0.44 (1)			
3077.00	100	SH	SWC	0.67 (3)			
3172.00	100	SH	SWC	0.54 (3)			
3277.00	100	SH/SLST	SWC	0.64 (14)			
3379.00	100	SH	SWC	0.66 (21)			
3490.00	100	SLST	SWC				
3625.00	100	SH	SWC	0.78 (4)			
3693.20	100	COAL	COCH	0.98 (22)			
3697.05	100	SLTY.SH	COCH	0.86 (22)			
3785.00	100	SLST	SWC	0.96 (3)			
3875.00	100	SDY.SLST	SWC	0.96 (3)			
3977.00	100	SLTY.SH	SWC	1.24 (21)			
4067.00	100	SLTY.SH	SWC				
4220.00	100	SLTY.SH	SWC	0.82 (4)			

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1

Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
750.00		SLST	SWC	0.40	2.09	1.3	167	0.16	424	F-BERGEN
765.00		SLST	SWC	0.31	2.06	1.2	172	0.13		F-BERGEN
779.00		SLST	SWC	0.23	1.04	0.8	139	0.18	416	F-BERGEN
800.00		SLST	SWC	0.26	1.54	0.9	162	0.14	421	F-BERGEN
810.00		SLST	SWC	0.30	1.09	0.8	136	0.22	418	F-BERGEN
860.00		SLST	SWC	0.21	1.61	1.0	164	0.12	416	F-BERGEN
895.00		SLST	SWC	0.29	1.38	1.3	107	0.17	422	F-BERGEN
930.00		SLST	SWC	0.19	1.22	0.8	154	0.13		F-BERGEN
950.00		SLST	SWC	0.21	2.60	1.2	210	0.07		F-BERGEN
970.00		SLST/CLYST	SWC	0.11	1.06	0.8	131	0.09	425	F-BERGEN
990.00		SLST	SWC	0.15	1.28	0.9	139	0.10	432	F-BERGEN
1000.00		SLST	SWC	0.21	1.52	1.0	158	0.12		F-BERGEN
1010.00		SLST	SWC	0.13	1.32	0.6	236	0.09		F-BERGEN
1030.00		SLST	SWC	0.13	1.33	0.6	205	0.09		F-BERGEN
1050.00		SLST	SWC	0.21	2.21	0.7	325	0.09		F-BERGEN
1070.00		SLST	SWC	0.17	1.22	0.6	203	0.12		F-BERGEN
1120.00		CLYST	SWC	0.21	1.27	0.8	163	0.14		F-BERGEN
1140.00		SST	SWC	0.03	0.56	0.1	400			F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
1180.00		CLYST	SWC	0.11	1.80	0.9	189	0.06		F-BERGEN
1220.00		CLYST	SWC	0.19	1.72	1.0	174	0.10		F-BERGEN
1240.00		CLYST	SWC	0.09	1.63	1.0	163	0.05		F-BERGEN
1255.00		CLYST	SWC	0.07	1.09	0.7	149	0.06	432	F-BERGEN
1300.00		CLYST	SWC	0.17	1.33	0.9	140	0.11	411	F-BERGEN
1321.00		CLYST	SWC	0.03	0.86	0.8	106		420	F-BERGEN
1330.00		CLYST	SWC	0.21	1.88	0.8	235	0.10		F-BERGEN
1370.00		CLYST	SWC	0.07	1.90	0.7	288	0.04		F-BERGEN
1400.00		CLYST	SWC	0.09	1.57	0.8	204	0.05		F-BERGEN
1417.00		CLYST	SWC	0.09	1.86	0.9	196	0.05		F-BERGEN
1440.00		CLYST	SWC	0.09	1.14	1.1	103	0.07	425	F-BERGEN
1520.00		CLYST	SWC	0.21	2.57	2.8	91	0.08	432	F-BERGEN
1535.00		CLYST	SWC	0.13	2.15	1.7	128	0.06	431	F-BERGEN
1550.00		CLYST	SWC	0.27	1.65	1.4	119	0.14	424	F-BERGEN
1570.00		CLYST	SWC	0.09	1.71	1.3	136	0.05	446	F-BERGEN
1600.00		CLYST	SWC	0.09	1.72	1.3	129	0.05		F-BERGEN
1615.00		CLYST	SWC	0.41	1.61	1.3	126	0.20	428	F-BERGEN
1645.00		CLYST	SWC	0.21	1.90	1.9	101	0.10	459	F-BERGEN
1750.00		CLYST	SWC	0.11	1.33	1.6	85	0.08	434	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
1765.00		CLYST	SWC	0.09	1.04	1.4	75	0.08	432	F-BERGEN
1780.00		CLYST	SWC	0.20	1.16	1.5	77	0.15	433	F-BERGEN
1790.00		CLYST	SWC	0.21	1.20	1.6	73	0.15	432	F-BERGEN
1795.00		CLYST	SWC	0.30	1.38	1.9	72	0.18	434	F-BERGEN
1800.00		CLYST	SWC	0.23	1.09	1.4	81	0.17	431	F-BERGEN
1804.00		CLYST	SWC	0.48	1.79	1.1	156	0.21	429	F-BERGEN
1810.00		SST	SWC	0.19	0.43	0.2	195	0.31	402	F-BERGEN
1820.00		SST	SWC	0.01	0.55	0.2	250		450	F-BERGEN
1840.00		SST	SWC	0.00	0.37					F-BERGEN
1860.00		SST	SWC	0.07	0.59			0.11	414	F-BERGEN
1880.00		SST	SWC	0.03	0.41					F-BERGEN
1900.00		SST	SWC	0.03	0.84					F-BERGEN
1920.00		SST	SWC	0.03	0.36	0.2	225		470	F-BERGEN
1940.00		SST	SWC	0.31	1.39	0.9	148	0.18	425	F-BERGEN
1960.00		CLYST	SWC	0.15	0.91	0.7	136	0.14	421	F-BERGEN
1965.00		SST	SWC	0.31	2.03	1.2	166	0.13		F-BERGEN
2027.00		CLYST	SWC	0.07	1.33	0.7	202	0.05	448	F-BERGEN
2027.00		CLYST	SWC	0.13	1.15	0.6	205	0.10	457	F-BERGEN
2031.00		CLYST	SWC	0.09	1.49	0.5	317	0.06	470	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
2035.00		CLYST	SWC	0.29	2.14	1.1	192	0.12		F-BERGEN
2035.00		CLYST	SWC	0.25	1.48	1.1	131	0.14	432	F-BERGEN
2096.00		CLYST	SWC	0.15	0.92	0.8	123	0.14	433	F-BERGEN
2153.00		CLYST	SWC	0.13	1.54	0.8	203	0.08	460	F-BERGEN
2207.00		SLST	SWC	0.09	1.41	0.6	220	0.06	465	F-BERGEN
2207.00		CLYST	SWC	0.13	1.65	1.0	160	0.07	437	F-BERGEN
2268.00		CLYST	SWC	0.12	1.36	0.7	186	0.08		F-BERGEN
2325.00		CLYST	SWC	0.05	1.16	0.9	133	0.04		F-BERGEN
2325.00		CLYST	SWC	0.05	1.07	0.8	139	0.04		F-BERGEN
2387.00		CLYST	SWC	0.09	1.66	0.6	255	0.05	485	F-BERGEN
2448.00		CLYST	SWC	0.03	0.97	0.5	206		493	F-BERGEN
2448.00		SST	SWC	0.03	0.51	0.5	106		493	F-BERGEN
2505.00		CLYST	SWC	0.11	0.98	0.9	115	0.10	438	F-BERGEN
2568.00		CLYST	SWC	0.11	1.70	0.9	187	0.06		F-BERGEN
2596.00		CLYST	SWC	0.07	1.01	0.9	109	0.06	453	F-BERGEN
2608.00		CLYST	SWC	0.05	0.73	0.6	128	0.06		F-BERGEN
2608.00		CLYST	SWC	0.05	0.51	0.6	85	0.09		F-BERGEN
2632.00		CLYST	SWC	0.13	0.79	0.8	103	0.14	438	F-BERGEN
2646.00		CLYST	SWC	0.17	0.83	0.6	128	0.17	432	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
2646.00		CLYST	SWC	0.11	0.78	0.7	111	0.12	436	F-BERGEN
2658.00		CLYST	SWC	0.13	1.12	0.9	132	0.10	437	F-BERGEN
2673.00		CLYST	SWC	0.13	1.15	1.0	116	0.10	439	F-BERGEN
2710.00		CLYST	SWC	0.17	1.46	1.1	135	0.10	439	F-BERGEN
2739.00		CLYST	SWC	0.13	1.08	0.8	138	0.11	438	F-BERGEN
2745.00		CLYST	SWC	0.17	1.13	1.0	114	0.13	439	F-BERGEN
2752.00		CLYST	SWC	0.15	1.17	0.9	133	0.11	439	F-BERGEN
2809.00		CLYST	SWC	0.05	0.43	0.9	49	0.10	437	F-BERGEN
2873.00		CLYST	SWC	0.09	1.22	1.0	122	0.07	443	F-BERGEN
2934.00		CLYST	SWC	0.11	0.78	0.8	100	0.12		F-BERGEN
3077.00		SLST	SWC	0.07	0.80	0.8	103	0.08		F-BERGEN
3155.00		SLST	SWC	0.84	3.59	2.2	165	0.19	440	F-BERGEN
3172.00		SLST	SWC	0.13	0.40	1.0	39	0.25		F-BERGEN
3180.00		CLYST	SWC	0.01	0.19	0.4	51			F-BERGEN
3189.00		CLYST	SWC	0.21	0.63	1.4	47	0.25	446	F-BERGEN
3196.00		CLYST	SWC	0.30	1.58	1.4	117	0.16	444	F-BERGEN
3202.00		SLST	SWC	0.53	1.66	1.6	102	0.24	438	F-BERGEN
3220.00		SLST	SWC	0.17	0.92	0.6	146	0.16		F-BERGEN
3256.00		SLST	SWC	0.23	1.55	1.3	122	0.13	446	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Petroleum Geochemistry Group
Research Centre Bergen

Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3277.00		SLST	SWC	0.17	0.94	0.7	134	0.15		F-BERGEN
3293.00		CLYST	SWC	0.40	2.21	1.7	132	0.15	447	F-BERGEN
3314.00		CLYST	SWC	0.40	2.24	1.6	143	0.15	446	F-BERGEN
3326.00		SLST	SWC	0.23	0.89	0.7	125	0.21	446	F-BERGEN
3336.00		SST	SWC	2.53	0.48	0.4	133	0.84		F-BERGEN
3339.00		CLYST	SWC	0.51	1.25	1.5	84	0.29	445	F-BERGEN
3379.00		CLYST	SWC	0.49	2.12	1.6	129	0.19	447	F-BERGEN
3402.00		CLYST	SWC	0.19	0.61	0.6	98	0.24	447	F-BERGEN
3411.00		SST	SWC	0.03	0.29	0.1	207			F-BERGEN
3421.00		SST	SWC	0.03	0.09	0.1	75			F-BERGEN
3452.50		SST	SWC	1.53	0.29	0.2	121	0.84		F-BERGEN
3453.00		SST	SWC	1.53	0.30	0.2	130	0.84		F-BERGEN
3454.00		SST	SWC	3.53	0.72	0.4	160	0.83		F-BERGEN
3454.50		SST	SWC	2.94	0.76	0.4	190	0.79		F-BERGEN
3455.00		SST	SWC	3.54	0.76	0.4	177	0.82		F-BERGEN
3456.00		SST	SWC	4.72	0.76	0.6	127	0.86		F-BERGEN
3457.00		SST	SWC	2.69	0.65	0.4	176	0.81		F-BERGEN
3462.00		SST	SWC	0.23	0.69	0.7	96	0.25	448	F-BERGEN
3490.00		SST	SWC	0.05	0.07	0.3	28	0.42		F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3497.00	CLYST	SWC	0.26	1.56	0.9	166	0.14		F-BERGEN
3502.00		DCW	0.05	0.07	0.3	23	0.42	492	F-BERGEN
3505.00		DCW	0.03	0.07	0.3	23		450	F-BERGEN
3507.00	CLYST	SWC	0.25	1.26	1.0	120	0.17	449	F-BERGEN
3507.00		DCW	0.03	0.05	0.3	17		466	F-BERGEN
3512.00		DCW	0.01	0.09	0.3	30		512	F-BERGEN
3515.00		DCW	0.03	0.13	0.3	43		501	F-BERGEN
3518.00	CLYST	SWC	0.11	0.31	0.4	86	0.26	453	F-BERGEN
3520.00		DCW	0.03	0.09	0.4	23		451	F-BERGEN
3530.00		DCW	0.43	0.82	0.7	117	0.34	440	F-BERGEN
3540.00		DCW	0.23	0.50	0.8	63	0.32	447	F-BERGEN
3550.00		DCW	0.19	0.33	0.6	55	0.37	444	F-BERGEN
3550.00	CLYST	SWC	0.36	0.70	0.8	88	0.34	451	F-BERGEN
3560.00		DCW	0.18	0.42	0.8	53	0.30	450	F-BERGEN
3565.00	CLYST	SWC	0.41	1.55	1.2	126	0.21	449	F-BERGEN
3570.00		DCW	0.15	0.37	0.8	46	0.29	454	F-BERGEN
3580.00		DCW	0.19	0.49	0.9	54	0.28	448	F-BERGEN
3590.00		DCW	0.17	0.50	0.9	56	0.25	453	F-BERGEN
3600.00		DCW	0.19	0.57	0.9	63	0.25	453	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3610.00		DCW	0.19	0.55	1.0	55	0.26	451	F-BERGEN
3620.00		DCW	0.15	0.47	0.9	52	0.24	454	F-BERGEN
3625.00	CLYST	SWC	0.25	1.20	1.1	108	0.17	453	F-BERGEN
3630.00		DCW	0.15	0.48	1.0	48	0.24	455	F-BERGEN
3639.00	CLYST	SWC	0.28	1.32	1.2	107	0.17	452	F-BERGEN
3640.00		DCW	0.15	0.47	0.9	52	0.24	453	F-BERGEN
3648.00	CLYST	SWC	0.29	1.22	1.3	94	0.19	455	F-BERGEN
3650.00		DCW	0.19	0.44	0.9	49	0.30	455	F-BERGEN
3660.00		DCW	0.13	0.36	0.8	45	0.27	457	F-BERGEN
3670.00		DCW	0.13	0.40	0.9	44	0.25	452	F-BERGEN
3680.00		DCW	0.53	0.96	1.0	96	0.36	446	F-BERGEN
3690.00		DCW	0.67	1.84	2.0	92	0.27	455	F-BERGEN
3693.20	COAL	COCH	17.75	157.41	62.3	253	0.10	454	F-BERGEN
3697.05	SLST	COCH	1.02	3.92	2.6	148	0.21	457	F-BERGEN
3700.00		DCW	1.33	7.21	5.2	139	0.16	454	F-BERGEN
3710.00		DCW	2.81	8.27	5.3	156	0.25	450	F-BERGEN
3710.00	CLYST	SWC	2.19	3.46	3.8	90	0.39	454	F-BERGEN
3720.00		DCW	3.92	27.87	13.3	210	0.12	450	F-BERGEN
3723.00	SST	SWC	2.05	0.62	0.6	113	0.77		F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3730.00			DCW	2.66	13.37	8.6	155	0.17	456	F-BERGEN
3735.00		CLYST	SWC	0.35	1.15	1.0	115	0.23	456	F-BERGEN
3740.00			DCW	10.08	75.34	31.6	238	0.12	455	F-BERGEN
3743.00		SST	SWC	0.38	1.01	1.2	81	0.27	462	F-BERGEN
3750.00			DCW	8.27	62.31	27.0	231	0.12	454	F-BERGEN
3760.00			DCW	4.69	33.95	16.9	201	0.12	454	F-BERGEN
3770.00			DCW	3.27	23.75	12.7	187	0.12	452	F-BERGEN
3770.00		SST	SWC	0.09	0.13	0.2	76	0.41	462	F-BERGEN
3780.00			DCW	4.03	27.52	13.9	198	0.13	452	F-BERGEN
3785.00		SST	SWC	0.00	0.05	0.0	167			F-BERGEN
3790.00			DCW	9.37	61.60	26.2	235	0.13	461	F-BERGEN
3800.00			DCW	2.10	12.66	8.2	154	0.14	453	F-BERGEN
3800.00		SST	SWC	0.27	0.34	0.4	85	0.44	460	F-BERGEN
3810.00			DCW	1.88	10.77	7.5	144	0.15	453	F-BERGEN
3810.00		SST	SWC	0.23	0.31	0.4	78	0.43	467	F-BERGEN
3820.00			DCW	4.40	34.31	15.7	219	0.11	455	F-BERGEN
3822.00		SST	SWC	0.01	0.05	0.1	83			F-BERGEN
3830.00			DCW	5.65	40.37	19.5	207	0.12	454	F-BERGEN
3830.00		CLYST	SWC	0.35	1.01	1.2	81	0.26	459	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3840.00		DCW	6.24	41.37	20.6	201	0.13	454	F-BERGEN
3847.00	SST	SWC	0.21	0.49	0.6	77	0.30	468	F-BERGEN
3850.00		DCW	4.24	29.61	15.2	195	0.13	454	F-BERGEN
3860.00		DCW	10.18	71.57	33.0	217	0.12	457	F-BERGEN
3863.00	SST	SWC	0.21	0.31	0.5	67	0.40	468	F-BERGEN
3870.00		DCW	7.37	56.25	25.1	224	0.12	458	F-BERGEN
3875.00	SST	SWC	0.03	0.09	0.1	100			F-BERGEN
3880.00		DCW	5.51	42.16	20.6	205	0.12	457	F-BERGEN
3890.00		DCW	7.55	59.48	26.7	223	0.11	458	F-BERGEN
3892.00	SST	SWC	0.09	0.21	0.3	64	0.30		F-BERGEN
3900.00		DCW	8.19	64.40	29.2	221	0.11	458	F-BERGEN
3905.00	SST	SWC	0.01	0.03	0.1	60			F-BERGEN
3910.00		DCW	8.55	72.27	35.8	202	0.11	458	F-BERGEN
3918.00	SST	SWC	0.76	2.40	2.8	84	0.24	462	F-BERGEN
3920.00		DCW	6.93	57.44	26.2	219	0.11	459	F-BERGEN
3928.00	SST	SWC	0.10	0.08	0.2	47	0.56		F-BERGEN
3930.00		DCW	13.30	105.60	46.4	228	0.11	456	F-BERGEN
3937.00	CLYST	SWC	2.31	4.54	4.1	110	0.34	466	F-BERGEN
3940.00		DCW	6.59	50.96	24.9	205	0.11	458	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3950.00		DCW	7.66	61.57	30.4	203	0.11	457	F-BERGEN
3950.00	CLYST	SWC	5.53	21.20	14.4	147	0.21	465	F-BERGEN
3960.00		DCW	1.66	10.61	6.5	163	0.14	457	F-BERGEN
3965.00	SST	SWC	0.11	0.15	0.3	48	0.42		F-BERGEN
3970.00		DCW	2.56	18.21	10.7	170	0.12	455	F-BERGEN
3977.00	CLYST	SWC	2.59	17.51	16.8	104	0.13	461	F-BERGEN
3982.00		DCW	3.56	30.30	15.2	199	0.11	458	F-BERGEN
3990.00		DCW	0.78	4.10	5.9	69	0.16	463	F-BERGEN
4000.00		DCW	3.68	28.40	19.2	148	0.11	461	F-BERGEN
4007.00	CLYST	SWC	0.65	1.42	2.3	63	0.31	466	F-BERGEN
4010.00		DCW	3.09	27.08	14.4	188	0.10	460	F-BERGEN
4020.00		DCW	5.52	50.07	27.6	181	0.10	461	F-BERGEN
4030.00		DCW	3.83	33.81	19.3	175	0.10	462	F-BERGEN
4037.00	SST	SWC	0.59	1.55	2.5	63	0.28	467	F-BERGEN
4040.00		DCW	2.53	25.67	16.2	158	0.09	460	F-BERGEN
4050.00		DCW	2.68	31.55	21.3	148	0.08	462	F-BERGEN
4060.00		DCW	1.73	23.07	15.8	146	0.07	460	F-BERGEN
4067.00	SST	SWC	0.00	0.01	0.1	17			F-BERGEN
4070.00		DCW	0.68	5.72	7.2	79	0.11	463	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
4080.00		DCW	0.53	4.15	6.0	69	0.11	466	F-BERGEN
4080.00	SLST	SWC	0.13	0.19	0.1	158	0.41		F-BERGEN
4090.00		DCW	0.14	0.76	1.5	51	0.16	466	F-BERGEN
4100.00		DCW	0.09	0.58	1.2	48	0.13	468	F-BERGEN
4110.00		DCW	0.09	0.58	1.2	48	0.13	468	F-BERGEN
4120.00		DCW	0.21	1.09	5.0	22	0.16	468	F-BERGEN
4130.00		DCW	0.54	4.34	6.1	71	0.11	466	F-BERGEN
4150.00		DCW	1.81	17.36	11.7	148	0.09	457	F-BERGEN
4150.00	SST	SWC	0.07	0.13	0.2	54	0.35		F-BERGEN
4170.00		DCW	1.62	14.00	9.6	146	0.10	456	F-BERGEN
4175.00	CGL	SWC	0.05	0.09	0.1	64	0.36		F-BERGEN
4180.00		DCW	1.53	5.89	4.4	134	0.21	459	F-BERGEN
4195.00	CGL	SWC	0.19	0.40	0.5	77	0.32	457	F-BERGEN
4200.00		DCW	0.21	0.80	0.9	89	0.21	455	F-BERGEN
4202.00	SLST	SWC	0.07	0.17	0.1	283	0.29		F-BERGEN
4220.00		DCW	0.41	1.81	1.8	101	0.18	460	F-BERGEN
4220.00	CGL	SWC	0.13	0.31	0.3	97	0.30	465	F-BERGEN
4232.00	CLYST	SWC	0.05	0.05	0.0	167	0.50		F-BERGEN
4240.00		DCW	0.61	2.76	3.2	86	0.18	461	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
4245.00	CGL	SWC	0.07	0.09	0.1	69	0.44		F-BERGEN
4250.00		DCW	0.25	1.12	1.3	86	0.18	461	F-BERGEN
4270.00		DCW	0.87	6.81	5.0	136	0.11	456	F-BERGEN
4270.00	CGL	SWC	0.07	0.17	0.3	65	0.29	460	F-BERGEN
4280.00	CGL	SWC	0.07	0.07	0.2	44	0.50		F-BERGEN
4290.00		DCW	1.16	9.50	7.3	130	0.11	461	F-BERGEN
4300.00		DCW	0.90	7.37	6.8	108	0.11	459	F-BERGEN

TABLE 3.2

HYLAB RESULTS MANAGEMENT : EXTRACTION ANALYSIS RESULTS SELECTED FROM SCREEN

Well	Type	St.Depth	En.Depth	Vekt(g)	EOM(mg)	Asf(mg)	Pct EOM	Sample ID	Dup	Father ID	Type
6305/12-1	SWC	1810.00	1810.00	4.6	2.8	0.8	0.06	979984622	1		
6305/12-1	SWC	3336.00	3336.00	10.2	40.2	1.1	0.39	979984309	1		
6305/12-1	SWC	3402.00	3402.00	6.5	3.7	1.3	0.06	979984312	1		
6305/12-1	SWC	3452.50	3452.50	8.7	25.5	0.7	0.29	979984321	1		
6305/12-1	SWC	3454.00	3454.00	10.0	48.4	0.9	0.48	979984376	1		
6305/12-1	SWC	3455.00	3455.00	10.0	49.1	1.2	0.49	979984378	1		
6305/12-1	SWC	3497.00	3497.00	5.0	4.4	1.7	0.09	979984383	1		
6305/12-1	SWC	3550.00	3550.00	6.0	7.3	1.7	0.12	979983958	1		
6305/12-1	SWC	3723.00	3723.00	5.0	19.2	1.1	0.39	979983964	1		
6305/12-1	SWC	3950.00	3950.00	5.1	19.9	7.7	0.39	979983981	1		
6305/12-1	SWC	4007.00	4007.00	11.7	19.9	7.6	0.17	979983985	1		

TABLE 3.3

HYLAB RESULTS MANAGEMENT : SEPARATION ANALYSIS RESULTS SELECTED FROM SCREEN

Well	Type	St.Depth	En.Depth	Sat(mg)	Aro(mg)	NSO(mg)	Sample ID	Dup	Father ID	Type
6305/12-1	SWC	1810.00	1810.00	0.9	0.2	0.5	-979984622	1		
6305/12-1	SWC	3336.00	3336.00	12.9	2.4	0.9	-979984309	1		
6305/12-1	SWC	3402.00	3402.00	0.6	0.7	0.4	-979984312	1		
6305/12-1	SWC	3452.50	3452.50	12.5	4.6	1.3	-979984321	1		
6305/12-1	SWC	3454.00	3454.00	7.6	2.7	0.6	-979984376	1		
6305/12-1	SWC	3455.00	3455.00	9.2	3.3	0.7	-979984378	1		
6305/12-1	SWC	3497.00	3497.00	0.8	0.6	0.5	-979984383	1		
6305/12-1	SWC	3550.00	3550.00	2.4	0.8	0.7	-979983958	1		
6305/12-1	SWC	3723.00	3723.00	8.6	2.5	1.2	-979983964	1		
6305/12-1	SWC	3950.00	3950.00	1.9	5.0	1.9	-979983981	1		
6305/12-1	SWC	4007.00	4007.00	2.3	4.4	2.1	-979983985	1		

Table 3.4 SATURATED FRACTION MOLECULAR RATIOS WELL 6305/12-1



Depth	%	Lithology	Type	Pristane	Pristane	CPI-I	CPI-II	nC15+	nC20
				nC17	Phytane			Total	nC25
1810.00		SST	SWC	0.81	1.33	1.00	1.54		
3336.00		SST	SWC	0.57	1.99	1.19	1.07		
3402.00		CLYST	SWC	0.57	2.47	1.10	1.04		
3452.50		SST	SWC	0.59	2.08	1.12	1.04		
3454.00		SST	SWC	0.62	2.21	1.12	1.04		
3455.00		SST	SWC	0.60	2.18	1.14	1.05		
3550.00		CLYST	SWC	0.63	2.05	1.11	1.07		
4007.00		CLYST	SWC	0.40	2.91	1.13	1.03		

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Summary/Conclusion//Recommendation

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1. INTRODUCTION

Well 6305/12-1 proved hydrocarbons in sandstone stringers in the Cretaceous Svarte Formation. The well was not tested. However, formation fluid was sampled at 3331.0 mRKB (Run # 3B) and 3455.6 mRKB (Run # 3A) in RFT logging runs. On opening, both RFT chambers contained oil/water emulsion. The sample from 3455.6 mRKB (referred to as RFT # 3A) was analysed in the laboratory.

This report comprises the results from the organic geochemical study on 241 samples (240 sediment samples and 1 fluid sample) from the well. The aims of the study were determination of source rock potential, fluid correlations and estimation of the thermal maturity of the penetrated strata in well 6305/12-1.

Vitrinite reflectance was measured on 35 samples from the interval 750 m - 4220 m

by Geo-Optics, Newcastle, U.K. The report from Geo-Optics is included as Appendix IV to this report. The stable isotopic composition of 6 samples (5 sediment extracts and 1 fluid sample) was measured by GeolabNor, Trondheim, Norway. All other geochemical analyses together with the compilation and interpretation presented in this report were undertaken by Norsk Hydro Research Centre, Bergen, Norway.

The sample type abbreviations SWC (sidewall core), COCH (core chip, A-cut), DCW (drill cuttings, received wet) and DCD (drill cuttings, received washed and dried) are used throughout this report.

All reported depths are in meters relative to rotary kelly bushing (m MD RKB), driller's depth.

TABLE 4.1 Group type separation data

SAMPLE	EOM (ppm)	% SAT	% ARO	% POL	% ASP
1810 m SWC	600	40.2	8.9	22.3	28.6
3336 m SWC	3900	77.5	14.4	5.4	2.7
3452.5 m SWC	2900	66.1	24.3	6.9	2.7
3454 m SWC	4800	68.4	24.3	5.4	1.9
3455 m SWC	4900	68.0	24.4	5.2	2.4
3455.6 m RFT		61.6	36.4	1.7	0.3
3723 m SWC	3900	65.9	19.2	9.2	5.7

4.2 Gas chromatography of oil/extracts

TABLE 4.2 Calculated molecular ratios

SAMPLE	Prist/Phyt	Prist/n-C ₁₇	CPI
1810 m SWC	1.3	0.8	1.0
3336 m SWC	2.0	0.6	1.2
3452.5 m SWC	2.1	0.6	1.1
3454 m SWC	2.2	0.6	1.1
3455 m SWC	2.2	0.6	1.1
3455.6 m RFT	2.2	0.6	1.1
3723 m SWC	6.0	0.6	1.3

TABLE 4.3 Sterane biomarker ratios

SAMPLE	%20S	% $\alpha\beta$	%27	%28	%29	Dia/Reg
1810 m SWC	47	61	46	23	31	1.4
3336 m SWC	53	66	40	21	39	1.9
3452.5 m SWC	51	65	40	21	39	2.4
3454 m SWC	51	66	36	21	43	1.9
3455 m SWC	51	65	36	20	44	1.7
3455.6 m RFT	51	67	35	18	47	1.7
3723 m SWC	51	63	17	12	71	1.1

TABLE 4.4 Triterpane biomarker ratios

SAMPLE	T_s/T_m	29/29+30	28/28+29	25-Nor/29
1810 m SWC	1.1	0.52	0.12	0.04
3336 m SWC	1.4	0.35	0.13	0.22
3452.5 m SWC	2.3	0.31	0.13	0.39
3454 m SWC	1.8	0.35	0.11	0.35
3455 m SWC	1.8	0.35	0.15	0.36
3455.6 m RFT	2.2	0.36	0.13	0.28
3723 m SWC	1.5	0.40	0.12	0.14

4.4 Carbon isotope data

TABLE 4.5 Carbon isotope ratios (ppm PDB), well 6305/12-1

SAMPLE	$\delta^{13}\text{C}_{\text{sat}}$	$\delta^{13}\text{C}_{\text{aro}}$	$\delta^{13}\text{C}_{\text{nso}}$	$\delta^{13}\text{C}_{\text{asp}}$
1810 m SWC	-28.10	-27.04	-26.53	-26.24
3336 m SWC	-27.60	-26.59	-27.05	-26.37
3455.6 m RFT	-27.12	-26.08	-27.02	-26.71
3723 m SWC	-26.00	-23.59	-24.68	-24.14

TABLE 1.2

HYLAB RESULTS MANAGEMENT : Formation Summary Reporting selected from screen

Well	St.Depth	En.Depth	Simple Mean							Weighted Mean			
			S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax	VRO	S1 kg/t	S2 kg/t	TOC %	
6305/12-1	200.00	315.00											
6305/12-1	315.00	492.00											
6305/12-1	492.00	1060.00	0.22	1.56	0.9	173	0.1	421	0.28	0.22	1.53	0.9	
6305/12-1	1060.00	1075.00	0.17	1.22	0.6	203	0.1						
6305/12-1	1075.00	1122.00	0.21	1.27	0.8	162	0.1						
6305/12-1	1122.00	1804.00	0.16	1.52	1.2	145	0.1	431	0.36	0.14	1.57	1.3	
6305/12-1	1804.00	1973.00	0.11	0.79	0.6	186	0.1	430	0.31	0.09	0.70	0.4	
6305/12-1	1973.00	2742.00	0.11	1.18	0.8	157	0.1	451	0.50	0.14	1.63	1.0	
6305/12-1	2742.00	3140.00	0.11	0.92	0.9	103	0.1	439	0.55	0.09	0.84	0.8	
6305/12-1	3140.00	3158.00	0.84	3.59	2.2	165	0.2	440					
6305/12-1	3158.00	3546.00	0.78	0.76	0.7	102	0.4	455	0.61	0.39	1.00	0.9	
6305/12-1	1973.00	3546.00	0.47	0.97	0.8	124	0.2	451	0.54	0.21	1.34	1.0	
6305/12-1	3546.00	3685.00	0.23	0.67	0.9	67	0.3	451	0.78	0.24	0.66	1.0	
6305/12-1	3546.00	3685.00	0.23	0.67	0.9	67	0.3	451	0.78	0.24	0.66	1.0	
6305/12-1	3685.00	4063.00	3.60	26.29	13.3	149	0.2	458	1.00	4.12	29.85	15.5	
6305/12-1	4063.00	4302.00	0.45	3.08	2.9	94	0.2	461	0.82	0.64	4.62	4.1	

TABLE 1.3

HYLAB results SUMMARY : Summary of results in the database

Well	Type	St.Depth	En.Depth	Frac	Kero	Isot	Biom	Petr	Sample
6305/12-1	SWC	750.00	750.00	0	1	0	0	1	-979975295
6305/12-1	SWC	765.00	765.00	0	1	0	0	0	-979984597
6305/12-1	SWC	779.00	779.00	0	1	0	0	0	-979984598
6305/12-1	SWC	800.00	800.00	0	1	0	0	0	-979984599
6305/12-1	SWC	810.00	810.00	0	1	0	0	0	-979984600
6305/12-1	SWC	860.00	860.00	0	1	0	0	1	-979975294
6305/12-1	SWC	895.00	895.00	0	1	0	0	0	-979984602
6305/12-1	SWC	930.00	930.00	0	1	0	0	0	-979984603
6305/12-1	SWC	950.00	950.00	0	1	0	0	1	-979975293
6305/12-1	SWC	970.00	970.00	0	1	0	0	0	-979984648
6305/12-1	SWC	990.00	990.00	0	1	0	0	0	-979984647
6305/12-1	SWC	1000.00	1000.00	0	1	0	0	0	-979984646
6305/12-1	SWC	1010.00	1010.00	0	1	0	0	0	-979984645
6305/12-1	SWC	1030.00	1030.00	0	1	0	0	0	-979984644
6305/12-1	SWC	1050.00	1050.00	0	1	0	0	1	-979975292
6305/12-1	SWC	1070.00	1070.00	0	1	0	0	0	-979984642
6305/12-1	SWC	1120.00	1120.00	0	1	0	0	0	-979984641
6305/12-1	SWC	1140.00	1140.00	0	1	0	0	0	-979984640
6305/12-1	SWC	1180.00	1180.00	0	1	0	0	1	-979975291
6305/12-1	SWC	1220.00	1220.00	0	1	0	0	0	-979984591
6305/12-1	SWC	1240.00	1240.00	0	1	0	0	0	-979984605
6305/12-1	SWC	1255.00	1255.00	0	1	0	0	1	-979975290
6305/12-1	SWC	1300.00	1300.00	0	1	0	0	0	-979984607
6305/12-1	SWC	1321.00	1321.00	0	1	0	0	0	-979984608
6305/12-1	SWC	1330.00	1330.00	0	1	0	0	1	-979975289
6305/12-1	SWC	1370.00	1370.00	0	1	0	0	0	-979984610
6305/12-1	SWC	1400.00	1400.00	0	1	0	0	1	-979975288
6305/12-1	SWC	1417.00	1417.00	0	1	0	0	0	-979984612
6305/12-1	SWC	1440.00	1440.00	0	1	0	0	0	-979984595
6305/12-1	SWC	1520.00	1520.00	0	1	0	0	1	-979975287
6305/12-1	SWC	1535.00	1535.00	0	1	0	0	0	-979984637
6305/12-1	SWC	1550.00	1550.00	0	1	0	0	0	-979984636
6305/12-1	SWC	1570.00	1570.00	0	1	0	0	0	-979984635
6305/12-1	SWC	1600.00	1600.00	0	1	0	0	0	-979984634
6305/12-1	SWC	1615.00	1615.00	0	1	0	0	1	-979975286
6305/12-1	SWC	1645.00	1645.00	0	1	0	0	0	-979984632
6305/12-1	SWC	1660.00	1660.00	0	1	0	0	0	-979984631
6305/12-1	SWC	1720.00	1720.00	0	0	0	0	1	-979975285
6305/12-1	SWC	1750.00	1750.00	0	1	0	0	0	-979984629
6305/12-1	SWC	1765.00	1765.00	0	1	0	0	0	-979984628
6305/12-1	SWC	1780.00	1780.00	0	1	0	0	0	-979984627
6305/12-1	SWC	1790.00	1790.00	0	1	0	0	0	-979984626
6305/12-1	SWC	1795.00	1795.00	0	1	0	0	0	-979984625
6305/12-1	SWC	1800.00	1800.00	0	1	0	0	0	-979984624
6305/12-1	SWC	1804.00	1804.00	0	1	0	0	1	-979975284
6305/12-1	SWC	1810.00	1810.00	1	1	1	0	0	-979984622
6305/12-1	SWC	1820.00	1820.00	0	1	0	0	0	-979984621
6305/12-1	SWC	1840.00	1840.00	0	1	0	0	0	-979984620
6305/12-1	SWC	1860.00	1860.00	0	1	0	0	0	-979984619
6305/12-1	SWC	1880.00	1880.00	0	1	0	0	0	-979984618
6305/12-1	SWC	1900.00	1900.00	0	1	0	0	0	-979984617
6305/12-1	SWC	1920.00	1920.00	0	1	0	0	0	-979984616
6305/12-1	SWC	1940.00	1940.00	0	1	0	0	0	-979984615

TABLE 1.3 (CONT.)

HYLAB results SUMMARY : Summary of results in the database

Well	Type	St.Depth	En.Depth	Frac	Kero	Isot	Biom	Petr	Sample
6305/12-1	SWC	1960.00	1960.00	0	1	0	0	1	-979975283
6305/12-1	SWC	1965.00	1965.00	0	1	0	0	0	-979984613
6305/12-1	SWC	2027.00	2027.00	0	1	0	0	0	-979984386
6305/12-1	SWC	2031.00	2031.00	0	1	0	0	0	-979984387
6305/12-1	SWC	2035.00	2035.00	0	1	0	0	1	-979975282
6305/12-1	SWC	2096.00	2096.00	0	1	0	0	0	-979984389
6305/12-1	SWC	2153.00	2153.00	0	1	0	0	1	-979975281
6305/12-1	SWC	2207.00	2207.00	0	1	0	0	0	-979984282
6305/12-1	SWC	2268.00	2268.00	0	1	0	0	1	-979975280
6305/12-1	SWC	2325.00	2325.00	0	1	0	0	0	-979984283
6305/12-1	SWC	2387.00	2387.00	0	1	0	0	1	-979975279
6305/12-1	SWC	2448.00	2448.00	0	1	0	0	1	-979975278
6305/12-1	SWC	2505.00	2505.00	0	1	0	0	0	-979984395
6305/12-1	SWC	2568.00	2568.00	0	1	0	0	0	-979984396
6305/12-1	SWC	2596.00	2596.00	0	1	0	0	1	-979975277
6305/12-1	SWC	2608.00	2608.00	0	1	0	0	0	-979984285
6305/12-1	SWC	2632.00	2632.00	0	1	0	0	0	-979984286
6305/12-1	SWC	2646.00	2646.00	0	1	0	0	0	-979984287
6305/12-1	SWC	2658.00	2658.00	0	1	0	0	0	-979984288
6305/12-1	SWC	2673.00	2673.00	0	1	0	0	0	-979984289
6305/12-1	SWC	2710.00	2710.00	0	1	0	0	1	-979975276
6305/12-1	SWC	2739.00	2739.00	0	1	0	0	0	-979984291
6305/12-1	SWC	2745.00	2745.00	0	1	0	0	0	-979984292
6305/12-1	SWC	2752.00	2752.00	0	1	0	0	0	-979984293
6305/12-1	SWC	2809.00	2809.00	0	1	0	0	1	-979975275
6305/12-1	SWC	2873.00	2873.00	0	1	0	0	0	-979984295
6305/12-1	SWC	2934.00	2934.00	0	1	0	0	1	-979975274
6305/12-1	SWC	3077.00	3077.00	0	1	0	0	1	-979975273
6305/12-1	SWC	3155.00	3155.00	0	1	0	0	0	-979984400
6305/12-1	SWC	3172.00	3172.00	0	1	0	0	1	-979975272
6305/12-1	SWC	3180.00	3180.00	0	1	0	0	0	-979984299
6305/12-1	SWC	3189.00	3189.00	0	1	0	0	0	-979984300
6305/12-1	SWC	3196.00	3196.00	0	1	0	0	0	-979984301
6305/12-1	SWC	3202.00	3202.00	0	1	0	0	0	-979984302
6305/12-1	SWC	3220.00	3220.00	0	1	0	0	0	-979984303
6305/12-1	SWC	3256.00	3256.00	0	1	0	0	0	-979984304
6305/12-1	SWC	3277.00	3277.00	0	1	0	0	1	-979975271
6305/12-1	SWC	3293.00	3293.00	0	1	0	0	0	-979984306
6305/12-1	SWC	3314.00	3314.00	0	1	0	0	0	-979984307
6305/12-1	SWC	3326.00	3326.00	0	1	0	0	0	-979984308
6305/12-1	SWC	3336.00	3336.00	1	1	1	0	0	-979984309
6305/12-1	SWC	3339.00	3339.00	0	1	0	0	0	-979984310
6305/12-1	SWC	3379.00	3379.00	0	1	0	0	1	-979975270
6305/12-1	SWC	3402.00	3402.00	1	1	0	0	0	-979984312
6305/12-1	SWC	3411.00	3411.00	0	1	0	0	0	-979984313
6305/12-1	SWC	3421.00	3421.00	0	1	0	0	0	-979984320
6305/12-1	SWC	3452.50	3452.50	1	1	0	0	0	-979984321
6305/12-1	SWC	3453.00	3453.00	0	1	0	0	0	-979984375
6305/12-1	SWC	3454.00	3454.00	1	1	0	0	0	-979984376
6305/12-1	SWC	3454.50	3454.50	0	1	0	0	0	-979984377
6305/12-1	SWC	3455.00	3455.00	1	1	0	0	0	-979984378
6305/12-1	OIL	3455.60	3455.60	0	0	1	0	0	-979978427
6305/12-1	SWC	3456.00	3456.00	0	1	0	0	0	-979984379

TABLE 1.3 (CONT.)

HYLAB results SUMMARY : Summary of results in the database

Well	Type	St.Depth	En.Depth	Frac	Kero	Isot	Biom	Petr	Sample
6305/12-1	SWC	3457.00	3457.00	0	1	0	0	0	-979984380
6305/12-1	SWC	3462.00	3462.00	0	1	0	0	0	-979984381
6305/12-1	SWC	3490.00	3490.00	0	1	0	0	1	-979975269
6305/12-1	SWC	3497.00	3497.00	1	1	0	0	0	-979984383
6305/12-1	DCW	3500.00	3502.00	0	1	0	0	0	-979984189
6305/12-1	DCW	3502.00	3505.00	0	1	0	0	0	-979984266
6305/12-1	SWC	3507.00	3507.00	0	1	0	0	0	-979984384
6305/12-1	DCW	3505.00	3507.00	0	1	0	0	0	-979984265
6305/12-1	DCW	3510.00	3512.00	0	1	0	0	0	-979984264
6305/12-1	DCW	3512.00	3515.00	0	1	0	0	0	-979984263
6305/12-1	SWC	3518.00	3518.00	0	1	0	0	0	-979984385
6305/12-1	DCW	3517.00	3520.00	0	1	0	0	0	-979984262
6305/12-1	DCW	3527.00	3530.00	0	1	0	0	0	-979984261
6305/12-1	DCW	3537.00	3540.00	0	1	0	0	0	-979984260
6305/12-1	DCW	3547.00	3550.00	0	1	0	0	0	-979984259
6305/12-1	SWC	3550.00	3550.00	1	1	1	0	0	-979983958
6305/12-1	DCW	3557.00	3560.00	0	1	0	0	0	-979984258
6305/12-1	SWC	3565.00	3565.00	0	1	0	0	0	-979983959
6305/12-1	DCW	3567.00	3570.00	0	1	0	0	0	-979984257
6305/12-1	DCW	3577.00	3580.00	0	1	0	0	0	-979984256
6305/12-1	DCW	3587.00	3590.00	0	1	0	0	0	-979984255
6305/12-1	DCW	3597.00	3600.00	0	1	0	0	0	-979984254
6305/12-1	DCW	3607.00	3610.00	0	1	0	0	0	-979984253
6305/12-1	DCW	3617.00	3620.00	0	1	0	0	0	-979984252
6305/12-1	SWC	3625.00	3625.00	0	1	0	0	1	-979975268
6305/12-1	DCW	3627.00	3630.00	0	1	0	0	0	-979984251
6305/12-1	SWC	3639.00	3639.00	0	1	0	0	0	-979983961
6305/12-1	DCW	3637.00	3640.00	0	1	0	0	0	-979984250
6305/12-1	SWC	3648.00	3648.00	0	1	0	0	0	-979983962
6305/12-1	DCW	3647.00	3650.00	0	1	0	0	0	-979984249
6305/12-1	DCW	3657.00	3660.00	0	1	0	0	0	-979984248
6305/12-1	DCW	3667.00	3670.00	0	1	0	0	0	-979984247
6305/12-1	DCW	3677.00	3680.00	0	1	0	0	0	-979984246
6305/12-1	DCW	3687.00	3690.00	0	1	0	0	0	-979984245
6305/12-1	COCH	3693.20	3693.20	0	1	0	0	1	-979975267
6305/12-1	COCH	3697.05	3697.05	0	1	0	0	1	-979975266
6305/12-1	DCW	3697.00	3700.00	0	1	0	0	0	-979984244
6305/12-1	DCW	3707.00	3710.00	0	1	0	0	0	-979984243
6305/12-1	SWC	3710.00	3710.00	0	1	0	0	0	-979983963
6305/12-1	DCW	3717.00	3720.00	0	1	0	0	0	-979984242
6305/12-1	SWC	3723.00	3723.00	1	1	1	0	0	-979983964
6305/12-1	DCW	3727.00	3730.00	0	1	0	0	0	-979984241
6305/12-1	SWC	3735.00	3735.00	0	1	0	0	0	-979983965
6305/12-1	DCW	3737.00	3740.00	0	1	0	0	0	-979984240
6305/12-1	SWC	3743.00	3743.00	0	1	0	0	0	-979983966
6305/12-1	DCW	3747.00	3750.00	0	1	0	0	0	-979984239
6305/12-1	DCW	3757.00	3760.00	0	1	0	0	0	-979984238
6305/12-1	DCW	3767.00	3770.00	0	1	0	0	0	-979984237
6305/12-1	SWC	3770.00	3770.00	0	1	0	0	0	-979983967
6305/12-1	DCW	3777.00	3780.00	0	1	0	0	0	-979984236
6305/12-1	SWC	3785.00	3785.00	0	1	0	0	1	-979975265
6305/12-1	DCW	3787.00	3790.00	0	1	0	0	0	-979984235
6305/12-1	DCW	3797.00	3800.00	0	1	0	0	0	-979984234

TABLE 1.3 (CONT.)

HYLAB results SUMMARY : Summary of results in the database

Well	Type	St.Depth	En.Depth	Frac	Kero	Isot	Biom	Petr	Sample
6305/12-1	SWC	3800.00	3800.00	0	1	0	0	0	-979983969
6305/12-1	SWC	3810.00	3810.00	0	1	0	0	0	-979983970
6305/12-1	DCW	3817.00	3820.00	0	1	0	0	0	-979984232
6305/12-1	SWC	3822.00	3822.00	0	1	0	0	0	-979983971
6305/12-1	SWC	3830.00	3830.00	0	1	0	0	0	-979983972
6305/12-1	DCW	3837.00	3840.00	0	1	0	0	0	-979984230
6305/12-1	SWC	3847.00	3847.00	0	1	0	0	0	-979983973
6305/12-1	DCW	3847.00	3850.00	0	1	0	0	0	-979984229
6305/12-1	DCW	3857.00	3860.00	0	1	0	0	0	-979984228
6305/12-1	SWC	3863.00	3863.00	0	1	0	0	0	-979983974
6305/12-1	DCW	3867.00	3870.00	0	1	0	0	0	-979984227
6305/12-1	SWC	3875.00	3875.00	0	1	0	0	1	-979975264
6305/12-1	DCW	3877.00	3880.00	0	1	0	0	0	-979984226
6305/12-1	DCW	3887.00	3890.00	0	1	0	0	0	-979984225
6305/12-1	SWC	3892.00	3892.00	0	1	0	0	0	-979983976
6305/12-1	DCW	3897.00	3900.00	0	1	0	0	0	-979984224
6305/12-1	SWC	3905.00	3905.00	0	1	0	0	0	-979983977
6305/12-1	DCW	3907.00	3910.00	0	1	0	0	0	-979984223
6305/12-1	SWC	3918.00	3918.00	0	1	0	0	0	-979983978
6305/12-1	DCW	3917.00	3920.00	0	1	0	0	0	-979984222
6305/12-1	SWC	3928.00	3928.00	0	1	0	0	0	-979983979
6305/12-1	DCW	3927.00	3930.00	0	1	0	0	0	-979984221
6305/12-1	SWC	3937.00	3937.00	0	1	0	0	0	-979983980
6305/12-1	DCW	3937.00	3940.00	0	1	0	0	0	-979984220
6305/12-1	DCW	3947.00	3950.00	0	1	0	0	0	-979984219
6305/12-1	SWC	3950.00	3950.00	1	1	1	0	0	-979983981
6305/12-1	DCW	3957.00	3960.00	0	1	0	0	0	-979984218
6305/12-1	SWC	3965.00	3965.00	0	1	0	0	0	-979983982
6305/12-1	DCW	3967.00	3970.00	0	1	0	0	0	-979984217
6305/12-1	SWC	3977.00	3977.00	0	1	0	0	1	-979975263
6305/12-1	DCW	3980.00	3982.00	0	1	0	0	0	-979984215
6305/12-1	DCW	3987.00	3990.00	0	1	0	0	0	-979984214
6305/12-1	DCW	3997.00	4000.00	0	1	0	0	0	-979984213
6305/12-1	SWC	4007.00	4007.00	1	1	0	0	0	-979983985
6305/12-1	DCW	4007.00	4010.00	0	1	0	0	0	-979984212
6305/12-1	DCW	4017.00	4020.00	0	1	0	0	0	-979984211
6305/12-1	DCW	4027.00	4030.00	0	1	0	0	0	-979984210
6305/12-1	SWC	4037.00	4037.00	0	1	0	0	0	-979983986
6305/12-1	DCW	4037.00	4040.00	0	1	0	0	0	-979984209
6305/12-1	DCW	4047.00	4050.00	0	1	0	0	0	-979984208
6305/12-1	DCW	4057.00	4060.00	0	1	0	0	0	-979984207
6305/12-1	SWC	4067.00	4067.00	0	1	0	0	1	-979975262
6305/12-1	DCW	4067.00	4070.00	0	1	0	0	0	-979984206
6305/12-1	DCW	4077.00	4080.00	0	1	0	0	0	-979984205
6305/12-1	SWC	4080.00	4080.00	0	1	0	0	0	-979983988
6305/12-1	DCW	4087.00	4090.00	0	1	0	0	0	-979984204
6305/12-1	DCW	4097.00	4100.00	0	1	0	0	0	-979984203
6305/12-1	DCW	4107.00	4110.00	0	1	0	0	0	-979984202
6305/12-1	DCW	4117.00	4120.00	0	1	0	0	0	-979984201
6305/12-1	DCW	4127.00	4130.00	0	1	0	0	0	-979984200
6305/12-1	DCW	4147.00	4150.00	0	1	0	0	0	-979984199
6305/12-1	SWC	4150.00	4150.00	0	1	0	0	0	-979983989
6305/12-1	DCW	4167.00	4170.00	0	1	0	0	0	-979984198

TABLE 1.3 (CONT.)

HYLAB results SUMMARY : Summary of results in the database

Well	Type	St.Depth	En.Depth	Frac	Kero	Isot	Biom	Petr	Sample
6305/12-1	SWC	4175.00	4175.00	0	1	0	0	0	-979983991
6305/12-1	DCW	4177.00	4180.00	0	1	0	0	0	-979984197
6305/12-1	SWC	4195.00	4195.00	0	1	0	0	0	-979983992
6305/12-1	DCW	4197.00	4200.00	0	1	0	0	0	-979984196
6305/12-1	SWC	4202.00	4202.00	0	1	0	0	0	-979983993
6305/12-1	DCW	4217.00	4220.00	0	1	0	0	0	-979984195
6305/12-1	SWC	4220.00	4220.00	0	1	0	0	1	-979975261
6305/12-1	SWC	4232.00	4232.00	0	1	0	0	0	-979983995
6305/12-1	DCW	4237.00	4240.00	0	1	0	0	0	-979984194
6305/12-1	SWC	4245.00	4245.00	0	1	0	0	0	-979983996
6305/12-1	DCW	4247.00	4250.00	0	1	0	0	0	-979984193
6305/12-1	DCW	4267.00	4270.00	0	1	0	0	0	-979984192
6305/12-1	SWC	4270.00	4270.00	0	1	0	0	0	-979983997
6305/12-1	SWC	4280.00	4280.00	0	1	0	0	0	-979983998
6305/12-1	DCW	4287.00	4290.00	0	1	0	0	0	-979984191
6305/12-1	DCW	4297.00	4300.00	0	1	0	0	0	-979984190

Table 2.1 VITRINITE REFLECTANCE DATA WELL 6305/12-1
Average values



Depth	%	Lithology	Type	Population I	Population II	Population III	SCI
750.00	100	SLTY.SH	SWC	0.25 (20)			
860.00	100	SH	SWC	0.32 (20)			
950.00	100	SLTY.SH	SWC	0.25 (20)			
1050.00	100	SLTY.SH	SWC	0.30 (20)			
1180.00	100	SLTY.SH	SWC	0.27 (20)			
1255.00	100	SLTY.SH	SWC	0.33 (20)			
1330.00	100	SLTY.SH	SWC	0.37 (20)			
1400.00	100	SH	SWC	0.39 (20)			
1520.00	100	SH	SWC	0.36 (19)			
1615.00	100	SH	SWC	0.42 (22)			
1720.00	100	SH	SWC	0.39 (19)			
1804.00	100	SLTY.SH	SWC	0.35 (8)			
1960.00	100	SLTY.SH	SWC	0.31 (21)			
2035.00	100	SH	SWC	0.43 (10)			
2153.00	100	SH	SWC	0.50 (5)			
2268.00	100	SH	SWC	0.48 (16)			
2387.00	100	SH	SWC	0.54 (2)			
2448.00	100	CALC.CLYST	SWC	0.43 (2)			

Table 2.1 VITRINITE REFLECTANCE DATA WELL 6305/12-1 (cont'd)
Average values



Depth	%	Lithology	Type	Population I	Population II	Population III	SCI
2596.00	100	SH	SWC	0.56 (11)			
2710.00	100	SH	SWC	0.56 (20)			
2809.00	100	SH	SWC	0.55 (2)			
2934.00	100	SH	SWC	0.44 (1)			
3077.00	100	SH	SWC	0.67 (3)			
3172.00	100	SH	SWC	0.54 (3)			
3277.00	100	SH/SLST	SWC	0.64 (14)			
3379.00	100	SH	SWC	0.66 (21)			
3490.00	100	SLST	SWC				
3625.00	100	SH	SWC	0.78 (4)			
3693.20	100	COAL	COCH	0.98 (22)			
3697.05	100	SLTY.SH	COCH	0.86 (22)			
3785.00	100	SLST	SWC	0.96 (3)			
3875.00	100	SDY.SLST	SWC	0.96 (3)			
3977.00	100	SLTY.SH	SWC	1.24 (21)			
4067.00	100	SLTY.SH	SWC				
4220.00	100	SLTY.SH	SWC	0.82 (4)			

TABLE 2.2 INTERPRETED VITRINITE REFLECTANCE DATA WELL 6305/12-1

Depth	Lithology	Type	VRO %	N
860.00	SH	SWC	0.29	11
1050.00	SLTY.SH	SWC	0.35	19
1255.00	SLTY.SH	SWC	0.32	18
1330.00	SLTY.SH	SWC	0.37	20
1400.00	SH	SWC	0.37	16
1520.00	SH	SWC	0.36	19
1615.00	SH	SWC	0.42	22
1720.00	SH	SWC	0.39	17
2035.00	SH	SWC	0.44	9
2153.00	SH	SWC	0.50	5
2268.00	SH	SWC	0.47	15
2596.00	SH	SWC	0.52	7
2710.00	SH	SWC	0.56	16
3277.00	SH/SLST	SWC	0.71	6
3379.00	SH	SWC	0.66	21
3625.00	SH	SWC	0.78	4
3693.20	COAL	COCH	0.98	20
3697.05	SLTY.SH	COCH	0.86	22
3785.00	SLST	SWC	0.96	3
3875.00	SDY.SLST	SWC	0.96	3
3977.00	SLTY.SH	SWC	1.00	6

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1



Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
750.00		SLST	SWC	0.40	2.09	1.3	167	0.16	424	F-BERGEN
765.00		SLST	SWC	0.31	2.06	1.2	172	0.13		F-BERGEN
779.00		SLST	SWC	0.23	1.04	0.8	139	0.18	416	F-BERGEN
800.00		SLST	SWC	0.26	1.54	0.9	162	0.14	421	F-BERGEN
810.00		SLST	SWC	0.30	1.09	0.8	136	0.22	418	F-BERGEN
860.00		SLST	SWC	0.21	1.61	1.0	164	0.12	416	F-BERGEN
895.00		SLST	SWC	0.29	1.38	1.3	107	0.17	422	F-BERGEN
930.00		SLST	SWC	0.19	1.22	0.8	154	0.13		F-BERGEN
950.00		SLST	SWC	0.21	2.60	1.2	210	0.07		F-BERGEN
970.00		SLST/CLYST	SWC	0.11	1.06	0.8	131	0.09	425	F-BERGEN
990.00		SLST	SWC	0.15	1.28	0.9	139	0.10	432	F-BERGEN
1000.00		SLST	SWC	0.21	1.52	1.0	158	0.12		F-BERGEN
1010.00		SLST	SWC	0.13	1.32	0.6	236	0.09		F-BERGEN
1030.00		SLST	SWC	0.13	1.33	0.6	205	0.09		F-BERGEN
1050.00		SLST	SWC	0.21	2.21	0.7	325	0.09		F-BERGEN
1070.00		SLST	SWC	0.17	1.22	0.6	203	0.12		F-BERGEN
1120.00		CLYST	SWC	0.21	1.27	0.8	163	0.14		F-BERGEN
1140.00		SST	SWC	0.03	0.56	0.1	400			F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
1180.00		CLYST	SWC	0.11	1.80	0.9	189	0.06		F-BERGEN
1220.00		CLYST	SWC	0.19	1.72	1.0	174	0.10		F-BERGEN
1240.00		CLYST	SWC	0.09	1.63	1.0	163	0.05		F-BERGEN
1255.00		CLYST	SWC	0.07	1.09	0.7	149	0.06	432	F-BERGEN
1300.00		CLYST	SWC	0.17	1.33	0.9	140	0.11	411	F-BERGEN
1321.00		CLYST	SWC	0.03	0.86	0.8	106		420	F-BERGEN
1330.00		CLYST	SWC	0.21	1.88	0.8	235	0.10		F-BERGEN
1370.00		CLYST	SWC	0.07	1.90	0.7	288	0.04		F-BERGEN
1400.00		CLYST	SWC	0.09	1.57	0.8	204	0.05		F-BERGEN
1417.00		CLYST	SWC	0.09	1.86	0.9	196	0.05		F-BERGEN
1440.00		CLYST	SWC	0.09	1.14	1.1	103	0.07	425	F-BERGEN
1520.00		CLYST	SWC	0.21	2.57	2.8	91	0.08	432	F-BERGEN
1535.00		CLYST	SWC	0.13	2.15	1.7	128	0.06	431	F-BERGEN
1550.00		CLYST	SWC	0.27	1.65	1.4	119	0.14	424	F-BERGEN
1570.00		CLYST	SWC	0.09	1.71	1.3	136	0.05	446	F-BERGEN
1600.00		CLYST	SWC	0.09	1.72	1.3	129	0.05		F-BERGEN
1615.00		CLYST	SWC	0.41	1.61	1.3	126	0.20	428	F-BERGEN
1645.00		CLYST	SWC	0.21	1.90	1.9	101	0.10	459	F-BERGEN
1750.00		CLYST	SWC	0.11	1.33	1.6	85	0.08	434	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	%	Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
1765.00		CLYST	SWC	0.09	1.04	1.4	75	0.08	432	F-BERGEN
1780.00		CLYST	SWC	0.20	1.16	1.5	77	0.15	433	F-BERGEN
1790.00		CLYST	SWC	0.21	1.20	1.6	73	0.15	432	F-BERGEN
1795.00		CLYST	SWC	0.30	1.38	1.9	72	0.18	434	F-BERGEN
1800.00		CLYST	SWC	0.23	1.09	1.4	81	0.17	431	F-BERGEN
1804.00		CLYST	SWC	0.48	1.79	1.1	156	0.21	429	F-BERGEN
1810.00		SST	SWC	0.19	0.43	0.2	195	0.31	402	F-BERGEN
1820.00		SST	SWC	0.01	0.55	0.2	250		450	F-BERGEN
1840.00		SST	SWC	0.00	0.37					F-BERGEN
1860.00		SST	SWC	0.07	0.59			0.11	414	F-BERGEN
1880.00		SST	SWC	0.03	0.41					F-BERGEN
1900.00		SST	SWC	0.03	0.84					F-BERGEN
1920.00		SST	SWC	0.03	0.36	0.2	225		470	F-BERGEN
1940.00		SST	SWC	0.31	1.39	0.9	148	0.18	425	F-BERGEN
1960.00		CLYST	SWC	0.15	0.91	0.7	136	0.14	421	F-BERGEN
1965.00		SST	SWC	0.31	2.03	1.2	166	0.13		F-BERGEN
2027.00		CLYST	SWC	0.07	1.33	0.7	202	0.05	448	F-BERGEN
2027.00		CLYST	SWC	0.13	1.15	0.6	205	0.10	457	F-BERGEN
2031.00		CLYST	SWC	0.09	1.49	0.5	317	0.06	470	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Petroleum Geochemistry Group
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Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
2035.00	CLYST	SWC	0.29	2.14	1.1	192	0.12		F-BERGEN
2035.00	CLYST	SWC	0.25	1.48	1.1	131	0.14	432	F-BERGEN
2096.00	CLYST	SWC	0.15	0.92	0.8	123	0.14	433	F-BERGEN
2153.00	CLYST	SWC	0.13	1.54	0.8	203	0.08	460	F-BERGEN
2207.00	SLST	SWC	0.09	1.41	0.6	220	0.06	465	F-BERGEN
2207.00	CLYST	SWC	0.13	1.65	1.0	160	0.07	437	F-BERGEN
2268.00	CLYST	SWC	0.12	1.36	0.7	186	0.08		F-BERGEN
2325.00	CLYST	SWC	0.05	1.16	0.9	133	0.04		F-BERGEN
2325.00	CLYST	SWC	0.05	1.07	0.8	139	0.04		F-BERGEN
2387.00	CLYST	SWC	0.09	1.66	0.6	255	0.05	485	F-BERGEN
2448.00	CLYST	SWC	0.03	0.97	0.5	206		493	F-BERGEN
2448.00	SST	SWC	0.03	0.51	0.5	106		493	F-BERGEN
2505.00	CLYST	SWC	0.11	0.98	0.9	115	0.10	438	F-BERGEN
2568.00	CLYST	SWC	0.11	1.70	0.9	187	0.06		F-BERGEN
2596.00	CLYST	SWC	0.07	1.01	0.9	109	0.06	453	F-BERGEN
2608.00	CLYST	SWC	0.05	0.73	0.6	128	0.06		F-BERGEN
2608.00	CLYST	SWC	0.05	0.51	0.6	85	0.09		F-BERGEN
2632.00	CLYST	SWC	0.13	0.79	0.8	103	0.14	438	F-BERGEN
2646.00	CLYST	SWC	0.17	0.83	0.6	128	0.17	432	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
2646.00	CLYST	SWC	0.11	0.78	0.7	111	0.12	436	F-BERGEN
2658.00	CLYST	SWC	0.13	1.12	0.9	132	0.10	437	F-BERGEN
2673.00	CLYST	SWC	0.13	1.15	1.0	116	0.10	439	F-BERGEN
2710.00	CLYST	SWC	0.17	1.46	1.1	135	0.10	439	F-BERGEN
2739.00	CLYST	SWC	0.13	1.08	0.8	138	0.11	438	F-BERGEN
2745.00	CLYST	SWC	0.17	1.13	1.0	114	0.13	439	F-BERGEN
2752.00	CLYST	SWC	0.15	1.17	0.9	133	0.11	439	F-BERGEN
2809.00	CLYST	SWC	0.05	0.43	0.9	49	0.10	437	F-BERGEN
2873.00	CLYST	SWC	0.09	1.22	1.0	122	0.07	443	F-BERGEN
2934.00	CLYST	SWC	0.11	0.78	0.8	100	0.12		F-BERGEN
3077.00	SLST	SWC	0.07	0.80	0.8	103	0.08		F-BERGEN
3155.00	SLST	SWC	0.84	3.59	2.2	165	0.19	440	F-BERGEN
3172.00	SLST	SWC	0.13	0.40	1.0	39	0.25		F-BERGEN
3180.00	CLYST	SWC	0.01	0.19	0.4	51			F-BERGEN
3189.00	CLYST	SWC	0.21	0.63	1.4	47	0.25	446	F-BERGEN
3196.00	CLYST	SWC	0.30	1.58	1.4	117	0.16	444	F-BERGEN
3202.00	SLST	SWC	0.53	1.66	1.6	102	0.24	438	F-BERGEN
3220.00	SLST	SWC	0.17	0.92	0.6	146	0.16		F-BERGEN
3256.00	SLST	SWC	0.23	1.55	1.3	122	0.13	446	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Petroleum Geochemistry Group
Research Centre Bergen

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3277.00	SLST	SWC	0.17	0.94	0.7	134	0.15		F-BERGEN
3293.00	CLYST	SWC	0.40	2.21	1.7	132	0.15	447	F-BERGEN
3314.00	CLYST	SWC	0.40	2.24	1.6	143	0.15	446	F-BERGEN
3326.00	SLST	SWC	0.23	0.89	0.7	125	0.21	446	F-BERGEN
3336.00	SST	SWC	2.53	0.48	0.4	133	0.84		F-BERGEN
3339.00	CLYST	SWC	0.51	1.25	1.5	84	0.29	445	F-BERGEN
3379.00	CLYST	SWC	0.49	2.12	1.6	129	0.19	447	F-BERGEN
3402.00	CLYST	SWC	0.19	0.61	0.6	98	0.24	447	F-BERGEN
3411.00	SST	SWC	0.03	0.29	0.1	207			F-BERGEN
3421.00	SST	SWC	0.03	0.09	0.1	75			F-BERGEN
3452.50	SST	SWC	1.53	0.29	0.2	121	0.84		F-BERGEN
3453.00	SST	SWC	1.53	0.30	0.2	130	0.84		F-BERGEN
3454.00	SST	SWC	3.53	0.72	0.4	160	0.83		F-BERGEN
3454.50	SST	SWC	2.94	0.76	0.4	190	0.79		F-BERGEN
3455.00	SST	SWC	3.54	0.76	0.4	177	0.82		F-BERGEN
3456.00	SST	SWC	4.72	0.76	0.6	127	0.86		F-BERGEN
3457.00	SST	SWC	2.69	0.65	0.4	176	0.81		F-BERGEN
3462.00	SST	SWC	0.23	0.69	0.7	96	0.25	448	F-BERGEN
3490.00	SST	SWC	0.05	0.07	0.3	28	0.42		F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3497.00	CLYST	SWC	0.26	1.56	0.9	166	0.14		F-BERGEN
3502.00		DCW	0.05	0.07	0.3	23	0.42	492	F-BERGEN
3505.00		DCW	0.03	0.07	0.3	23		450	F-BERGEN
3507.00	CLYST	SWC	0.25	1.26	1.0	120	0.17	449	F-BERGEN
3507.00		DCW	0.03	0.05	0.3	17		466	F-BERGEN
3512.00		DCW	0.01	0.09	0.3	30		512	F-BERGEN
3515.00		DCW	0.03	0.13	0.3	43		501	F-BERGEN
3518.00	CLYST	SWC	0.11	0.31	0.4	86	0.26	453	F-BERGEN
3520.00		DCW	0.03	0.09	0.4	23		451	F-BERGEN
3530.00		DCW	0.43	0.82	0.7	117	0.34	440	F-BERGEN
3540.00		DCW	0.23	0.50	0.8	63	0.32	447	F-BERGEN
3550.00		DCW	0.19	0.33	0.6	55	0.37	444	F-BERGEN
3550.00	CLYST	SWC	0.36	0.70	0.8	88	0.34	451	F-BERGEN
3560.00		DCW	0.18	0.42	0.8	53	0.30	450	F-BERGEN
3565.00	CLYST	SWC	0.41	1.55	1.2	126	0.21	449	F-BERGEN
3570.00		DCW	0.15	0.37	0.8	46	0.29	454	F-BERGEN
3580.00		DCW	0.19	0.49	0.9	54	0.28	448	F-BERGEN
3590.00		DCW	0.17	0.50	0.9	56	0.25	453	F-BERGEN
3600.00		DCW	0.19	0.57	0.9	63	0.25	453	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Petroleum Geochemistry Group
Research Centre Bergen

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3610.00		DCW	0.19	0.55	1.0	55	0.26	451	F-BERGEN
3620.00		DCW	0.15	0.47	0.9	52	0.24	454	F-BERGEN
3625.00	CLYST	SWC	0.25	1.20	1.1	108	0.17	453	F-BERGEN
3630.00		DCW	0.15	0.48	1.0	48	0.24	455	F-BERGEN
3639.00	CLYST	SWC	0.28	1.32	1.2	107	0.17	452	F-BERGEN
3640.00		DCW	0.15	0.47	0.9	52	0.24	453	F-BERGEN
3648.00	CLYST	SWC	0.29	1.22	1.3	94	0.19	455	F-BERGEN
3650.00		DCW	0.19	0.44	0.9	49	0.30	455	F-BERGEN
3660.00		DCW	0.13	0.36	0.8	45	0.27	457	F-BERGEN
3670.00		DCW	0.13	0.40	0.9	44	0.25	452	F-BERGEN
3680.00		DCW	0.53	0.96	1.0	96	0.36	446	F-BERGEN
3690.00		DCW	0.67	1.84	2.0	92	0.27	455	F-BERGEN
3693.20	COAL	COCH	17.75	157.41	62.3	253	0.10	454	F-BERGEN
3697.05	SLST	COCH	1.02	3.92	2.6	148	0.21	457	F-BERGEN
3700.00		DCW	1.33	7.21	5.2	139	0.16	454	F-BERGEN
3710.00		DCW	2.81	8.27	5.3	156	0.25	450	F-BERGEN
3710.00	CLYST	SWC	2.19	3.46	3.8	90	0.39	454	F-BERGEN
3720.00		DCW	3.92	27.87	13.3	210	0.12	450	F-BERGEN
3723.00	SST	SWC	2.05	0.62	0.6	113	0.77		F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3730.00		DCW	2.66	13.37	8.6	155	0.17	456	F-BERGEN
3735.00	CLYST	SWC	0.35	1.15	1.0	115	0.23	456	F-BERGEN
3740.00		DCW	10.08	75.34	31.6	238	0.12	455	F-BERGEN
3743.00	SST	SWC	0.38	1.01	1.2	81	0.27	462	F-BERGEN
3750.00		DCW	8.27	62.31	27.0	231	0.12	454	F-BERGEN
3760.00		DCW	4.69	33.95	16.9	201	0.12	454	F-BERGEN
3770.00		DCW	3.27	23.75	12.7	187	0.12	452	F-BERGEN
3770.00	SST	SWC	0.09	0.13	0.2	76	0.41	462	F-BERGEN
3780.00		DCW	4.03	27.52	13.9	198	0.13	452	F-BERGEN
3785.00	SST	SWC	0.00	0.05	0.0	167			F-BERGEN
3790.00		DCW	9.37	61.60	26.2	235	0.13	461	F-BERGEN
3800.00		DCW	2.10	12.66	8.2	154	0.14	453	F-BERGEN
3800.00	SST	SWC	0.27	0.34	0.4	85	0.44	460	F-BERGEN
3810.00		DCW	1.88	10.77	7.5	144	0.15	453	F-BERGEN
3810.00	SST	SWC	0.23	0.31	0.4	78	0.43	467	F-BERGEN
3820.00		DCW	4.40	34.31	15.7	219	0.11	455	F-BERGEN
3822.00	SST	SWC	0.01	0.05	0.1	83			F-BERGEN
3830.00		DCW	5.65	40.37	19.5	207	0.12	454	F-BERGEN
3830.00	CLYST	SWC	0.35	1.01	1.2	81	0.26	459	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3840.00		DCW	6.24	41.37	20.6	201	0.13	454	F-BERGEN
3847.00	SST	SWC	0.21	0.49	0.6	77	0.30	468	F-BERGEN
3850.00		DCW	4.24	29.61	15.2	195	0.13	454	F-BERGEN
3860.00		DCW	10.18	71.57	33.0	217	0.12	457	F-BERGEN
3863.00	SST	SWC	0.21	0.31	0.5	67	0.40	468	F-BERGEN
3870.00		DCW	7.37	56.25	25.1	224	0.12	458	F-BERGEN
3875.00	SST	SWC	0.03	0.09	0.1	100			F-BERGEN
3880.00		DCW	5.51	42.16	20.6	205	0.12	457	F-BERGEN
3890.00		DCW	7.55	59.48	26.7	223	0.11	458	F-BERGEN
3892.00	SST	SWC	0.09	0.21	0.3	64	0.30		F-BERGEN
3900.00		DCW	8.19	64.40	29.2	221	0.11	458	F-BERGEN
3905.00	SST	SWC	0.01	0.03	0.1	60			F-BERGEN
3910.00		DCW	8.55	72.27	35.8	202	0.11	458	F-BERGEN
3918.00	SST	SWC	0.76	2.40	2.8	84	0.24	462	F-BERGEN
3920.00		DCW	6.93	57.44	26.2	219	0.11	459	F-BERGEN
3928.00	SST	SWC	0.10	0.08	0.2	47	0.56		F-BERGEN
3930.00		DCW	13.30	105.60	46.4	228	0.11	456	F-BERGEN
3937.00	CLYST	SWC	2.31	4.54	4.1	110	0.34	466	F-BERGEN
3940.00		DCW	6.59	50.96	24.9	205	0.11	458	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)

Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
3950.00		DCW	7.66	61.57	30.4	203	0.11	457	F-BERGEN
3950.00	CLYST	SWC	5.53	21.20	14.4	147	0.21	465	F-BERGEN
3960.00		DCW	1.66	10.61	6.5	163	0.14	457	F-BERGEN
3965.00	SST	SWC	0.11	0.15	0.3	48	0.42		F-BERGEN
3970.00		DCW	2.56	18.21	10.7	170	0.12	455	F-BERGEN
3977.00	CLYST	SWC	2.59	17.51	16.8	104	0.13	461	F-BERGEN
3982.00		DCW	3.56	30.30	15.2	199	0.11	458	F-BERGEN
3990.00		DCW	0.78	4.10	5.9	69	0.16	463	F-BERGEN
4000.00		DCW	3.68	28.40	19.2	148	0.11	461	F-BERGEN
4007.00	CLYST	SWC	0.65	1.42	2.3	63	0.31	466	F-BERGEN
4010.00		DCW	3.09	27.08	14.4	188	0.10	460	F-BERGEN
4020.00		DCW	5.52	50.07	27.6	181	0.10	461	F-BERGEN
4030.00		DCW	3.83	33.81	19.3	175	0.10	462	F-BERGEN
4037.00	SST	SWC	0.59	1.55	2.5	63	0.28	467	F-BERGEN
4040.00		DCW	2.53	25.67	16.2	158	0.09	460	F-BERGEN
4050.00		DCW	2.68	31.55	21.3	148	0.08	462	F-BERGEN
4060.00		DCW	1.73	23.07	15.8	146	0.07	460	F-BERGEN
4067.00	SST	SWC	0.00	0.01	0.1	17			F-BERGEN
4070.00		DCW	0.68	5.72	7.2	79	0.11	463	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
4080.00		DCW	0.53	4.15	6.0	69	0.11	466	F-BERGEN
4080.00	SLST	SWC	0.13	0.19	0.1	158	0.41		F-BERGEN
4090.00		DCW	0.14	0.76	1.5	51	0.16	466	F-BERGEN
4100.00		DCW	0.09	0.58	1.2	48	0.13	468	F-BERGEN
4110.00		DCW	0.09	0.58	1.2	48	0.13	468	F-BERGEN
4120.00		DCW	0.21	1.09	5.0	22	0.16	468	F-BERGEN
4130.00		DCW	0.54	4.34	6.1	71	0.11	466	F-BERGEN
4150.00		DCW	1.81	17.36	11.7	148	0.09	457	F-BERGEN
4150.00	SST	SWC	0.07	0.13	0.2	54	0.35		F-BERGEN
4170.00		DCW	1.62	14.00	9.6	146	0.10	456	F-BERGEN
4175.00	CGL	SWC	0.05	0.09	0.1	64	0.36		F-BERGEN
4180.00		DCW	1.53	5.89	4.4	134	0.21	459	F-BERGEN
4195.00	CGL	SWC	0.19	0.40	0.5	77	0.32	457	F-BERGEN
4200.00		DCW	0.21	0.80	0.9	89	0.21	455	F-BERGEN
4202.00	SLST	SWC	0.07	0.17	0.1	283	0.29		F-BERGEN
4220.00		DCW	0.41	1.81	1.8	101	0.18	460	F-BERGEN
4220.00	CGL	SWC	0.13	0.31	0.3	97	0.30	465	F-BERGEN
4232.00	CLYST	SWC	0.05	0.05	0.0	167	0.50		F-BERGEN
4240.00		DCW	0.61	2.76	3.2	86	0.18	461	F-BERGEN

Table 3.1 SOURCE ROCK SCREENING DATA WELL 6305/12-1 (cont'd)



Depth (m)	% Lithology	Type	S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax DegC	Company
4245.00	CGL	SWC	0.07	0.09	0.1	69	0.44		F-BERGEN
4250.00		DCW	0.25	1.12	1.3	86	0.18	461	F-BERGEN
4270.00		DCW	0.87	6.81	5.0	136	0.11	456	F-BERGEN
4270.00	CGL	SWC	0.07	0.17	0.3	65	0.29	460	F-BERGEN
4280.00	CGL	SWC	0.07	0.07	0.2	44	0.50		F-BERGEN
4290.00		DCW	1.16	9.50	7.3	130	0.11	461	F-BERGEN
4300.00		DCW	0.90	7.37	6.8	108	0.11	459	F-BERGEN

TABLE 3.2

HYLAB RESULTS MANAGEMENT : EXTRACTION ANALYSIS RESULTS SELECTED FROM SCREEN

Well	Type	St.Depth	En.Depth	Vekt(g)	EOM(mg)	Asf(mg)	Pct EOM	Sample ID	Dup	Father ID	Type
6305/12-1	SWC	1810.00	1810.00	4.6	2.8	0.8	0.06	979984622	1		
6305/12-1	SWC	3336.00	3336.00	10.2	40.2	1.1	0.39	979984309	1		
6305/12-1	SWC	3402.00	3402.00	6.5	3.7	1.3	0.06	979984312	1		
6305/12-1	SWC	3452.50	3452.50	8.7	25.5	0.7	0.29	979984321	1		
6305/12-1	SWC	3454.00	3454.00	10.0	48.4	0.9	0.48	979984376	1		
6305/12-1	SWC	3455.00	3455.00	10.0	49.1	1.2	0.49	979984378	1		
6305/12-1	SWC	3497.00	3497.00	5.0	4.4	1.7	0.09	979984383	1		
6305/12-1	SWC	3550.00	3550.00	6.0	7.3	1.7	0.12	979983958	1		
6305/12-1	SWC	3723.00	3723.00	5.0	19.2	1.1	0.39	979983964	1		
6305/12-1	SWC	3950.00	3950.00	5.1	19.9	7.7	0.39	979983981	1		
6305/12-1	SWC	4007.00	4007.00	11.7	19.9	7.6	0.17	979983985	1		

TABLE 3.3

HYLAB RESULTS MANAGEMENT : SEPARATION ANALYSIS RESULTS SELECTED FROM SCREEN

Well	Type	St.Depth	En.Depth	Sat(mg)	Aro(mg)	NSO(mg)	Sample ID	Dup	Father ID	Type
6305/12-1	SWC	1810.00	1810.00	0.9	0.2	0.5	-979984622	1		
6305/12-1	SWC	3336.00	3336.00	12.9	2.4	0.9	-979984309	1		
6305/12-1	SWC	3402.00	3402.00	0.6	0.7	0.4	-979984312	1		
6305/12-1	SWC	3452.50	3452.50	12.5	4.6	1.3	-979984321	1		
6305/12-1	SWC	3454.00	3454.00	7.6	2.7	0.6	-979984376	1		
6305/12-1	SWC	3455.00	3455.00	9.2	3.3	0.7	-979984378	1		
6305/12-1	SWC	3497.00	3497.00	0.8	0.6	0.5	-979984383	1		
6305/12-1	SWC	3550.00	3550.00	2.4	0.8	0.7	-979983958	1		
6305/12-1	SWC	3723.00	3723.00	8.6	2.5	1.2	-979983964	1		
6305/12-1	SWC	3950.00	3950.00	1.9	5.0	1.9	-979983981	1		
6305/12-1	SWC	4007.00	4007.00	2.3	4.4	2.1	-979983985	1		

Table 3.4 SATURATED FRACTION MOLECULAR RATIOS WELL 6305/12-1



Depth	% Lithology	Type	Pristane	Pristane	CPI-I	CPI-II	nC15+	nC20
			nC17	Phytane			Total	nC25
1810.00	SST	SWC	0.81	1.33	1.00	1.54		
3336.00	SST	SWC	0.57	1.99	1.19	1.07		
3402.00	CLYST	SWC	0.57	2.47	1.10	1.04		
3452.50	SST	SWC	0.59	2.08	1.12	1.04		
3454.00	SST	SWC	0.62	2.21	1.12	1.04		
3455.00	SST	SWC	0.60	2.18	1.14	1.05		
3550.00	CLYST	SWC	0.63	2.05	1.11	1.07		
4007.00	CLYST	SWC	0.40	2.91	1.13	1.03		

TABLE 3.5

HYLAB RESULTS MANAGEMENT : ISOTOPE ANALYSIS RESULTS SELECTED FROM SCREEN

Well	Type	St.Depth	En.Depth	Oil	Extr	Sat	Aro	NSO	Asph	Pyro	Kero	Sample ID	Dup
6305/12-1	SWC	1810.00	1810.00			-28.10	-27.04	-26.53	-26.24			-979984622	1
6305/12-1	SWC	3336.00	3336.00			-27.60	-26.59	-27.05	-26.37			-979984309	1
6305/12-1	SWC	3550.00	3550.00			-29.26	-26.13	-26.37	-25.43			-979983958	1
6305/12-1	SWC	3723.00	3723.00			-26.00	-23.59	-24.68	-24.14			-979983964	1
6305/12-1	SWC	3950.00	3950.00			-25.29	-22.93	-23.53	-23.52			-979983981	1