

Table 2.1. VITRINITE REFLECTANCE DATA WELL 6205/3-1 (cont'd)  
Average values

Petroleum Geochemistry Group  
Research Center Bergen



Depth	Population I	Population II	Population III	SCI
2500.00	0.57 ( 15)			
2600.00	0.59 ( 9)			
2626.00	0.53 ( 2)	0.73 ( 2)		
2675.00	0.63 ( 3)			
2700.00	0.63 ( 11)			
2800.00	0.57 ( 3)			
2880.00	0.70 ( 20)			
2980.00	0.68 ( 6)			
3100.00	0.72 ( 11)			
3180.00	0.67 ( 10)			
3400.00	0.69 ( 8)			
3480.00	0.75 ( 8)			
3600.00	0.78 ( 10)			
3700.00	0.93 ( 6)			
3800.00	1.11 ( 13)			
3900.00	0.92 ( 6)			
4000.00	1.03 ( 20)			
4032.00	0.84 ( 20)			
4090.00	0.54 ( 1)	0.97 ( 2)		

Table 2.1. VITRINITE REFLECTANCE DATA WELL 6205/3-1 (cont'd)  
Average values

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Depth	Population I	Population II	Population III	SCI
4125.00	0.88 ( 20)			
4170.00	1.18 ( 8)			
4210.00	1.09 ( 4)			
4240.00	1.04 ( 11)			
4275.00	1.05 ( 22)			
4299.00	0.84 ( 20)			

**TABLE 3.1.: RockEval/TOC data of samples selected for extraction.**

GEOCHEMISTRY 6205/3-1.

ROCK-EVAL DAT from WELL 6205/3-1 SPECIAL STUDY

DEPTH,m start int.	DEPTH,m end int.	SAMPLE CODE	SAMPLE LITH	ANALYST or COMPANY	S1 kg/tonne	S2 kg/tonne	PI S1/S1+S2	HI 100*S2/TOC	Tmax C	TOC %
1240	1240	SWC	BULK	F-BG	0.45	1.49	0.23	92	429	1.62
2140	2140	SWC	BULK	F-BG	0.03	0.52	0.06	66	431	0.78
2854	2854	SWC	BULK	F-BG	0.55	7.43	0.07	205	428	3.62
3405	3415	DC	SST	F-BG	0.21	0.08	0.72	53	440	0.15
3405	3420	DC	SLST	F-BG	0.08	0.50	0.14	63	445	0.80
4032	4032	SWC	BULK	F-BG	0.65	2.35	0.22	64	455	3.67
4125	4125	SWC	BULK	F-BG	0.18	0.58	0.24	44	468	1.31

**TABLE 3.2.: Results of extraction and group type separation.**

Table 3.2. SOURCE ROCK EXTRACTION DATA I WELL 6205/3-1



Depth(m)	Group/Fm	EOM(mg)	EOM(%)	Hydrocarbons			Non Hydrocarbons		
				SAT(%)	ARO(%)	TOTAL(%)	NSO(%)	ASPH(%)	TOTAL(%)
1240.00		8.10	0.06	11	7	18	47	35	82
2140.00		2.40	0.03	15	7	22	30	48	78
2854.00		15.35	0.25	12	20	32	28	40	68
3415.00		12.90	0.07	62	17	79	11	10	21
3420.00		5.80	0.04	14	17	31	21	48	69
4032.00		12.95	0.14	24	24	47	16	37	53
4125.00		4.55	0.06	13	13	25	22	53	75

**TABLE 3.3.:** Normalised extraction yields.

GEOCHEMISTRY 6205/3-1.

Table 3.3. SOURCE ROCK EXTRACTION DATA II WELL 6205/3-1



Depth(m)	TOC (%)	EOM(%) / TOC(%)	SAT(%) / TOC(%)	SAT(%) / ARO(%)	HC/non HC
1240.00	1.62	0.04	6.79	1.57	0.22
2140.00	0.78	0.04	19.23	2.14	0.28
2854.00	3.62	0.07	3.31	0.60	0.47
3415.00	0.15	0.47	413.33	3.65	3.76
3420.00	0.80	0.05	17.50	0.82	0.45
4032.00	3.67	0.04	6.40	1.00	0.89
4125.00	1.31	0.05	9.54	1.00	0.33



**TABLE 3.4.:** Molecular ratios for saturated hydrocarbon fractions.

Table 3.4. SATURATED FRAC., MOLECULAR RATIOS WELL 6205/3-1



Depth	Pr/n-C17	Pr/Ph	CPI-I	CPI-II	n-C15+/Total	n-C20/n-C25
1240.00	1.61	2.06	3.18	3.62		
2140.00	0.88	2.01	1.70	1.58		
2854.00	3.53	3.40	1.15	1.09		
3415.00	0.60	1.90	1.00	1.00		
3420.00	0.72	3.30	1.26	1.14		
4032.00	0.74	3.57	1.10	1.02		
4125.00	0.47	2.18	1.13	1.07		

**TABLE 3.5.: Biomarker maturity ratios.**

BIOMARKER DATA from WELL 6205/3-1 SPECIAL STUDY  
STERAN-ISOMERIZATION

DEPTH,m start int.	DEPTH,m end int.	SAMPLE CODE	SAMPLE LITH	% 20S S29-steran
1240	1240	SWC	BULK	7
2140	2140	SWC	BULK	19
2854	2854	SWC	BULK	27
3405	3415	DC	SST	42
3405	3420	DC	SLST	50
4032	4032	SWC	BULK	44
4125	4125	SWC	BULK	32



U-623

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Exploration and Production

Norsk Hydro a.s Bergen  
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Doc. type:  Agreement  Amendment  Report

Storage:  2 years  5 years  Permanent archives

Grading:  Open  Internal  Confidential  Very conf.  Strictly conf.

Doc. id  
**R-048429**  
Copy no.

Distribution	Title
Statoil (2) Amoco (2) Elf (2) NPD (1) Norsk Hydro	<b>GEOCHEMICAL EVALUATION</b>  BA 91-781-1  OF WELL 6205/3-1R  REGISTRERT

Summary/Description

Keywords  
Source rocks, maturity, migrated hydrocarbons  
RockEval/TOC

Pages-appendix	Amendment no.	Revision no.	Revision date
Quadrant/Block-well 6205/3-1R	Project no. 30324	Licens no. 154	Date 30.03.91
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**TABLE 2.1 VITRINITE REFLECTANCE DATA WELL 6205/3-1R**  
Average values

Petroleum Geochemistry Group  
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Depth	Group/Fm	Population I	Population II	Population III	SCI
4450.65		1.16 ( 20)	0.00 ( 0)	0.00 ( 0)	0
4451.80		1.21 ( 20)	0.00 ( 0)	0.00 ( 0)	0
4787.65		1.46 ( 20)	0.00 ( 0)	0.00 ( 0)	0
4789.00		1.66 ( 22)	0.00 ( 0)	0.00 ( 0)	0
4971.00		1.72 ( 20)	0.00 ( 0)	0.00 ( 0)	0
4976.00		1.60 ( 20)	0.00 ( 0)	0.00 ( 0)	0
4978.00		1.63 ( 20)	0.00 ( 0)	0.00 ( 0)	0
4980.00		1.56 ( 20)	0.00 ( 0)	0.00 ( 0)	0
5021.00		1.63 ( 20)	0.00 ( 0)	0.00 ( 0)	0
5021.80		1.63 ( 20)	0.00 ( 0)	0.00 ( 0)	0
5050.00		1.57 ( 20)	0.00 ( 0)	0.00 ( 0)	0
5097.00		1.51 ( 20)	0.00 ( 0)	0.00 ( 0)	0
5147.00		1.68 ( 21)	0.00 ( 0)	0.00 ( 0)	0
5200.00		1.55 ( 21)	0.00 ( 0)	0.00 ( 0)	0
5250.00		1.69 ( 20)	0.00 ( 0)	0.00 ( 0)	0
5252.45		1.84 ( 8)	0.00 ( 0)	0.00 ( 0)	0
5262.20		1.85 ( 24)	0.00 ( 0)	0.00 ( 0)	0

Laboratory: GeoOptics, Newcastle Upon Tyne, UK

**TABLE 2.2**

Rock Eval/TOC Results

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R



Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4297.00		0		DCW	0.1	0.3	0.0	0.5	56	0	0.26	427	F-BERGEN
4300.00		0	BULK	DCW	0.7	2.5	0.0	3.5	73	0	0.23	470	F-BERGEN
4302.00		0		DCW	0.7	1.6	0.0	2.2	73	0	0.31	465	F-BERGEN
4305.00		0		DCW	0.3	0.8	0.0	1.5	56	0	0.29	468	F-BERGEN
4307.00		0		DCW	0.5	1.1	0.0	1.6	66	0	0.31	468	F-BERGEN
4310.00		0	CLYST	SWC	1.0	2.1	0.0	3.7	57	0	0.33	467	F-BERGEN
4312.00		0		DCW	0.4	1.3	0.0	2.3	56	0	0.26	470	F-BERGEN
4320.00		0		DCW	0.4	1.4	0.0	2.2	62	0	0.23	470	F-BERGEN
4335.00		0		DCW	0.2	0.5	0.0	1.0	52	0	0.24	470	F-BERGEN
4342.00		0		DCW	0.2	0.5	0.0	1.0	50	0	0.24	471	F-BERGEN
4345.00		0		DCW	0.1	0.3	0.0	0.5	50	0	0.26	469	F-BERGEN
4347.00		0		DCW	0.1	0.2	0.0	0.4	38	0	0.25	469	F-BERGEN
4350.00		0		DCW	0.2	0.4	0.0	0.8	51	0	0.27	462	F-BERGEN
4352.00		0		DCW	0.2	0.4	0.0	0.8	56	0	0.25	468	F-BERGEN
4355.00		0		DCW	0.1	0.4	0.0	0.8	56	0	0.22	465	F-BERGEN
4357.00		0		DCW	0.2	0.4	0.0	0.9	50	0	0.30	463	F-BERGEN
4360.00		0		DCW	0.2	0.5	0.0	0.9	57	0	0.25	468	F-BERGEN
4362.00		0		DCW	0.2	0.5	0.0	0.9	54	0	0.26	462	F-BERGEN



Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4365.00		0		DCW	0.3	1.0	0.0	1.7	60	0	0.23	470	F-BERGEN
4367.00		0		DCW	0.1	0.4	0.0	0.8	54	0	0.23	467	F-BERGEN
4369.00		0	CLYST	SWC	0.0	0.2	0.0	0.6	40	0	0.14	434	F-BERGEN
4370.00		0		DCW	0.2	0.6	0.0	1.2	54	0	0.26	468	F-BERGEN
4372.00		0		DCW	0.2	0.6	0.0	1.3	48	0	0.22	466	F-BERGEN
4375.00		0		DCW	0.2	0.6	0.0	1.1	54	0	0.26	466	F-BERGEN
4377.00		0		DCW	0.1	0.4	0.0	1.1	34	0	0.24	469	F-BERGEN
4380.00		0		DCW	0.1	0.5	0.0	1.0	47	0	0.20	467	F-BERGEN
4382.00		0		DCW	0.1	0.6	0.0	1.1	55	0	0.18	467	F-BERGEN
4385.00		0		DCW	0.2	0.7	0.0	1.0	71	0	0.17	462	F-BERGEN
4387.00		0		DCW	0.2	0.5	0.0	1.1	42	0	0.25	466	F-BERGEN
4390.00		0		DCW	0.1	0.4	0.0	0.8	53	0	0.25	468	F-BERGEN
4392.00		0		DCW	0.2	0.6	0.0	1.1	51	0	0.27	468	F-BERGEN
4395.00		0		DCW	0.2	0.4	0.0	1.0	45	0	0.27	467	F-BERGEN
4397.00		0		DCW	0.3	0.9	0.0	1.6	56	0	0.24	470	F-BERGEN
4398.00		0	CLYST/SH	SWC	0.6	1.6	0.0	3.3	48	0	0.28	471	F-BERGEN
4400.00		0		DCW	0.2	0.6	0.0	1.3	45	0	0.26	467	F-BERGEN
4402.00		0		DCW	0.2	0.6	0.0	1.2	49	0	0.29	471	F-BERGEN
4405.00		0		DCW	0.6	1.3	0.0	2.8	45	0	0.34	466	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4407.00		0		DCW	0.8	1.8	0.0	4.0	44	0	0.31	471	F-BERGEN
4410.00		0		DCW	1.1	3.1	0.0	5.1	60	0	0.26	471	F-BERGEN
4412.00		0		DCW	1.0	2.5	0.0	4.6	53	0	0.28	477	F-BERGEN
4415.00		0		DCW	0.8	2.1	0.0	4.1	51	0	0.29	476	F-BERGEN
4417.00		0		DCW	1.0	2.7	0.0	4.8	57	0	0.28	475	F-BERGEN
4420.00		0		DCW	0.9	2.4	0.0	4.8	50	0	0.27	477	F-BERGEN
4422.00		0		DCW	0.8	2.0	0.0	4.1	50	0	0.29	477	F-BERGEN
4425.00		0		DCW	0.9	2.2	0.0	4.4	51	0	0.30	476	F-BERGEN
4427.00		0		DCW	0.9	2.1	0.0	4.2	51	0	0.30	476	F-BERGEN
4430.00		0		DCW	0.8	1.8	0.0	3.9	47	0	0.29	477	F-BERGEN
4432.00		0		DCW	0.5	1.3	0.0	2.7	46	0	0.30	474	F-BERGEN
4435.00		0		DCW	0.8	2.0	0.0	3.8	52	0	0.28	479	F-BERGEN
4437.00		0		DCW	0.6	1.5	0.0	3.0	49	0	0.29	477	F-BERGEN
4437.00		0	CLYST	SWC	1.0	3.0	0.0	5.7	53	0	0.24	479	F-BERGEN
4440.00		0		DCW	0.6	1.5	0.0	3.5	43	0	0.29	476	F-BERGEN
4442.00		0		DCW	0.6	1.7	0.0	3.5	48	0	0.28	477	F-BERGEN
4445.00		0		DCW	0.7	1.8	0.0	3.9	45	0	0.29	478	F-BERGEN
4447.00		0		DCW	0.7	1.8	0.0	4.2	43	0	0.28	478	F-BERGEN
4449.80		0		COCH	1.2	4.8	0.0	6.5	73	0	0.20	478	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)



Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg. c	Company
4450.00		0		DCW	0.9	2.3	0.0	4.6	50	0	0.27	475	F-BERGEN
4450.65		0		COCH	1.1	3.0	0.0	5.3	57	0	0.27	479	F-BERGEN
4451.80		0		COCH	1.2	3.5	0.0	6.3	56	0	0.26	478	F-BERGEN
4452.00		0		DCW	0.4	1.0	0.0	2.1	46	0	0.29	473	F-BERGEN
4455.00		0		DCW	0.6	1.4	0.0	2.8	49	0	0.28	475	F-BERGEN
4457.00		0		DCW	0.4	1.0	0.0	2.0	49	0	0.29	473	F-BERGEN
4460.00		0		DCW	0.6	1.4	0.0	2.7	51	0	0.28	474	F-BERGEN
4462.00		0		DCW	0.5	1.2	0.0	2.4	50	0	0.28	474	F-BERGEN
4462.00		0	CLYST	SWC	0.6	2.2	0.0	4.8	46	0	0.22	477	F-BERGEN
4465.00		0		DCW	0.5	1.5	0.0	2.8	55	0	0.26	475	F-BERGEN
4467.00		0		DCW	0.4	1.0	0.0	2.2	47	0	0.28	472	F-BERGEN
4470.00		0		DCW	0.4	1.0	0.0	2.0	48	0	0.30	471	F-BERGEN
4472.00		0		DCW	0.4	1.0	0.0	2.0	52	0	0.27	473	F-BERGEN
4475.00		0		DCW	0.4	1.2	0.0	2.2	53	0	0.27	473	F-BERGEN
4477.00		0		DCW	0.6	1.4	0.0	2.9	49	0	0.28	472	F-BERGEN
4480.00		0		DCW	0.4	1.0	0.0	2.4	43	0	0.27	477	F-BERGEN
4482.00		0		DCW	0.3	0.8	0.0	1.0	75	0	0.32	474	F-BERGEN
4485.00		0		DCW	0.3	0.7	0.0	1.7	44	0	0.31	473	F-BERGEN
4487.00		0		DCW	0.3	0.8	0.0	1.9	44	0	0.30	473	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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Depth (m)	Group/Fm.	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4490.00		0		DCW	0.4	1.2	0.0	2.3	52	0	0.27	474	F-BERGEN
4492.00		0		DCW	0.4	1.0	0.0	2.0	49	0	0.27	472	F-BERGEN
4495.00		0		DCW	0.4	1.1	0.0	2.4	45	0	0.28	471	F-BERGEN
4497.00		0		DCW	0.5	1.3	0.0	3.1	43	0	0.28	472	F-BERGEN
4500.00		0		DCW	0.4	1.1	0.0	2.5	44	0	0.28	472	F-BERGEN
4500.00		0	CLYST	SWC	0.4	1.5	0.0	2.7	54	0	0.23	477	F-BERGEN
4505.00		0		DCW	0.6	1.5	0.0	3.6	43	0	0.28	477	F-BERGEN
4507.00		0		DCW	0.5	1.4	0.0	3.3	42	0	0.28	473	F-BERGEN
4510.00		0		DCW	0.5	1.2	0.0	2.6	48	0	0.28	472	F-BERGEN
4512.00		0		DCW	0.4	1.1	0.0	2.2	50	0	0.26	471	F-BERGEN
4515.00		0		DCW	0.7	2.0	0.0	4.1	49	0	0.26	477	F-BERGEN
4517.00		0		DCW	0.7	2.0	0.0	4.2	47	0	0.26	476	F-BERGEN
4520.00		0		DCW	0.9	2.7	0.0	5.2	51	0	0.25	473	F-BERGEN
4522.00		0		DCW	0.6	1.9	0.0	4.6	41	0	0.26	479	F-BERGEN
4525.00		0		DCW	0.9	2.7	0.0	5.8	47	0	0.24	476	F-BERGEN
4527.00		0		DCW	0.7	1.9	0.0	4.5	43	0	0.26	478	F-BERGEN
4530.00		0		DCW	0.7	1.8	0.0	4.7	39	0	0.27	478	F-BERGEN
4532.00		0		DCW	0.8	2.2	0.0	4.8	46	0	0.25	475	F-BERGEN
4535.00		0		DCW	0.7	2.0	0.0	4.8	42	0	0.25	476	F-BERGEN

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Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4537.00		0		DCW	0.7	2.0	0.0	4.7	43	0	0.25	478	F-BERGEN
4540.00		0		DCW	0.7	2.3	0.0	5.4	42	0	0.23	475	F-BERGEN
4542.00		0		DCW	0.6	1.9	0.0	5.1	37	0	0.25	478	F-BERGEN
4545.00		0		DCW	0.6	1.7	0.0	4.8	35	0	0.26	478	F-BERGEN
4547.00		0		DCW	0.7	1.9	0.0	4.6	41	0	0.28	476	F-BERGEN
4550.00		0		DCW	0.6	2.2	0.0	4.8	47	0	0.22	478	F-BERGEN
4552.00		0		DCW	0.6	1.8	0.0	4.4	40	0	0.24	478	F-BERGEN
4555.00		0		DCW	0.6	1.9	0.0	4.7	41	0	0.23	478	F-BERGEN
4557.00		0		DCW	0.6	1.8	0.0	4.5	40	0	0.24	479	F-BERGEN
4560.00		0		DCW	0.6	1.9	0.0	5.0	39	0	0.23	478	F-BERGEN
4562.00		0		DCW	0.6	2.0	0.0	5.0	39	0	0.23	479	F-BERGEN
4565.00		0		DCW	0.6	1.9	0.0	5.2	36	0	0.24	480	F-BERGEN
4567.00		0		DCW	0.5	1.6	0.0	4.7	34	0	0.25	478	F-BERGEN
4570.00		0		DCW	0.6	1.7	0.0	5.0	35	0	0.24	480	F-BERGEN
4572.00		0		DCW	0.5	1.6	0.0	4.9	34	0	0.23	480	F-BERGEN
4575.00		0		DCW	0.4	1.6	0.0	4.6	34	0	0.22	479	F-BERGEN
4577.00		0		DCW	0.4	1.3	0.0	4.2	32	0	0.24	480	F-BERGEN
4577.00		0	CLYST. SH	SWC	0.4	2.3	0.0	5.3	43	0	0.16	483	F-BERGEN
4580.00		0		DCW	0.4	1.0	0.0	3.8	26	0	0.29	478	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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HYDRO

Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4582.00		0		DCW	0.4	1.3	0.0	4.0	33	0	0.25	475	F-BERGEN
4585.00		0		DCW	0.4	1.3	0.0	3.9	33	0	0.25	476	F-BERGEN
4587.00		0		DCW	0.5	1.5	0.0	4.1	35	0	0.25	478	F-BERGEN
4590.00		0		DCW	0.5	1.7	0.0	4.8	35	0	0.24	480	F-BERGEN
4592.00		0		DCW	0.6	2.0	0.0	5.2	39	0	0.23	481	F-BERGEN
4595.00		0		DCW	0.6	2.2	0.0	5.2	43	0	0.21	480	F-BERGEN
4597.00		0		DCW	0.5	1.9	0.0	4.9	38	0	0.21	479	F-BERGEN
4600.00		0		DCW	0.5	1.9	0.0	5.2	37	0	0.21	479	F-BERGEN
4602.00		0		DCW	0.5	1.8	0.0	4.9	37	0	0.22	481	F-BERGEN
4605.00		0		DCW	0.6	2.1	0.0	5.3	39	0	0.22	481	F-BERGEN
4607.00		0		DCW	0.6	1.8	0.0	4.8	38	0	0.24	477	F-BERGEN
4610.00		0		DCW	0.6	1.9	0.0	5.0	38	0	0.23	478	F-BERGEN
4612.00		0		DCW	0.6	1.6	0.0	4.5	35	0	0.27	478	F-BERGEN
4615.00		0		DCW	0.6	1.7	0.0	4.5	37	0	0.26	477	F-BERGEN
4617.00		0		DCW	0.5	1.6	0.0	3.8	43	0	0.23	482	F-BERGEN
4620.00		0		DCW	0.5	1.6	0.0	3.7	44	0	0.25	480	F-BERGEN
4622.00		0		DCW	0.6	2.0	0.0	4.5	44	0	0.23	482	F-BERGEN
4625.00		0		DCW	0.6	2.0	0.0	4.5	43	0	0.23	480	F-BERGEN
4630.00		0		DCW	0.4	1.4	0.0	3.1	45	0	0.24	478	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)



Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4632.00		0		DCW	0.5	1.4	0.0	3.1	45	0	0.25	478	F-BERGEN
4633.00		0	CLYST/SH	SWC	0.6	3.0	0.0	6.0	50	0	0.16	489	F-BERGEN
4635.00		0		DCW	0.5	2.0	0.0	4.6	43	0	0.21	485	F-BERGEN
4637.00		0		DCW	0.6	2.3	0.0	4.9	46	0	0.20	485	F-BERGEN
4640.00		0		DCW	0.6	2.2	0.0	4.9	46	0	0.20	485	F-BERGEN
4642.00		0		DCW	0.5	2.2	0.0	5.2	42	0	0.19	484	F-BERGEN
4645.00		0		DCW	0.6	2.3	0.0	5.7	41	0	0.20	484	F-BERGEN
4647.00		0		DCW	0.5	2.0	0.0	5.6	35	0	0.20	477	F-BERGEN
4650.00		0		DCW	0.5	1.8	0.0	5.0	37	0	0.20	485	F-BERGEN
4652.00		0		DCW	0.5	2.0	0.0	5.0	41	0	0.19	486	F-BERGEN
4655.00		0		DCW	0.5	2.1	0.0	4.9	42	0	0.19	484	F-BERGEN
4657.00		0		DCW	0.5	2.1	0.0	5.4	39	0	0.19	486	F-BERGEN
4660.00		0		DCW	0.3	1.6	0.0	4.8	34	0	0.17	476	F-BERGEN
4662.00		0		DCW	0.4	1.7	0.0	4.6	38	0	0.18	479	F-BERGEN
4663.00		0	CLYST/SH	SWC	0.3	1.7	0.0	4.5	39	0	0.13	489	F-BERGEN
4665.00		0		DCW	0.4	1.8	0.0	4.6	39	0	0.18	485	F-BERGEN
4667.00		0		DCW	0.4	1.9	0.0	5.0	38	0	0.17	487	F-BERGEN
4670.00		0		DCW	0.4	1.9	0.0	4.8	40	0	0.16	487	F-BERGEN
4672.00		0		DCW	0.4	2.0	0.0	5.0	40	0	0.17	485	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4675.00		0		DCW	0.4	2.0	0.0	5.2	39	0	0.16	486	F-BERGEN
4677.00		0		DCW	0.4	2.2	0.0	5.4	41	0	0.16	486	F-BERGEN
4680.00		0		DCW	0.3	1.8	0.0	4.8	38	0	0.16	483	F-BERGEN
4682.00		0		DCW	0.4	1.9	0.0	4.8	40	0	0.18	481	F-BERGEN
4685.00		0		DCW	0.4	2.0	0.0	5.3	37	0	0.18	486	F-BERGEN
4687.00		0		DCW	0.4	2.0	0.0	5.5	37	0	0.17	488	F-BERGEN
4690.00		0		DCW	0.4	2.0	0.0	5.3	39	0	0.17	486	F-BERGEN
4692.00		0		DCW	0.4	2.0	0.0	5.1	39	0	0.17	487	F-BERGEN
4695.00		0		DCW	0.4	1.9	0.0	4.9	39	0	0.17	487	F-BERGEN
4697.00		0		DCW	0.3	1.6	0.0	4.5	35	0	0.18	488	F-BERGEN
4700.00		0		DCW	0.4	1.7	0.0	4.7	35	0	0.19	486	F-BERGEN
4702.00		0		DCW	0.4	1.5	0.0	4.2	35	0	0.20	485	F-BERGEN
4705.00		0		DCW	0.4	1.6	0.0	4.3	37	0	0.19	485	F-BERGEN
4707.00		0		DCW	0.4	1.8	0.0	5.0	36	0	0.19	485	F-BERGEN
4710.00		0		DCW	0.4	1.8	0.0	5.0	37	0	0.18	486	F-BERGEN
4712.00		0		DCW	0.4	1.5	0.0	4.0	38	0	0.20	485	F-BERGEN
4715.00		0		DCW	0.4	1.6	0.0	4.3	38	0	0.20	482	F-BERGEN
4717.00		0		DCW	0.4	1.5	0.0	3.5	44	0	0.23	481	F-BERGEN
4717.00		0		DCW	0.4	1.5	0.0	3.5	44	0	0.23	481	F-BERGEN



Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)



Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4720.00		0		DCW	0.5	1.9	0.0	4.2	44	0	0.20	488	F-BERGEN
4722.00		0		DCW	0.5	2.3	0.0	4.6	49	0	0.18	487	F-BERGEN
4725.00		0		DCW	0.5	2.0	0.0	4.2	48	0	0.19	484	F-BERGEN
4727.00		0		DCW	0.5	1.9	0.0	4.0	47	0	0.21	484	F-BERGEN
4730.00		0		DCW	0.4	1.5	0.0	3.3	46	0	0.22	483	F-BERGEN
4732.00		0		DCW	0.4	1.6	0.0	3.3	49	0	0.22	482	F-BERGEN
4737.00		0		DCW	0.6	1.8	0.0	3.7	49	0	0.24	483	F-BERGEN
4740.00		0		DCW	0.5	2.0	0.0	4.4	45	0	0.19	486	F-BERGEN
4742.00		0		DCW	0.6	2.0	0.0	4.3	46	0	0.22	487	F-BERGEN
4745.00		0		DCW	0.4	1.9	0.0	4.3	43	0	0.19	488	F-BERGEN
4747.00		0		DCW	0.5	2.0	0.0	4.2	48	0	0.20	485	F-BERGEN
4750.00		0		DCW	0.4	2.1	0.0	4.1	51	0	0.18	485	F-BERGEN
4752.00		0		DCW	0.5	1.8	0.0	3.8	47	0	0.21	486	F-BERGEN
4755.00		0		DCW	0.4	1.6	0.0	3.6	46	0	0.22	484	F-BERGEN
4757.00		0		DCW	0.5	1.8	0.0	4.1	45	0	0.21	486	F-BERGEN
4760.00		0		DCW	0.5	1.8	0.0	4.0	45	0	0.22	484	F-BERGEN
4762.00		0		DCW	0.5	1.6	0.0	3.8	43	0	0.22	486	F-BERGEN
4765.00		0		DCW	0.5	1.9	0.0	4.2	45	0	0.21	484	F-BERGEN
4767.00		0		DCW	0.5	1.6	0.0	3.5	47	0	0.22	483	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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HYDRO

Depth (m)	Group/Fm.	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4770.00		0		DCW	0.5	1.6	0.0	3.6	46	0	0.23	484	F-BERGEN
4772.00		0		DCW	0.4	1.5	0.0	3.7	40	0	0.23	484	F-BERGEN
4775.00		0		DCW	0.6	2.1	0.0	3.7	57	0	0.21	484	F-BERGEN
4777.00		0		DCW	0.5	1.7	0.0	3.7	46	0	0.23	484	F-BERGEN
4777.00		0	CLYST	SWC	0.2	1.1	0.0	4.7	23	0	0.18	488	F-BERGEN
4780.00		0		DCW	0.5	1.5	0.0	3.5	42	0	0.24	484	F-BERGEN
4782.00		0		DCW	0.5	1.7	0.0	3.6	48	0	0.23	485	F-BERGEN
4785.00		0		DCW	0.5	1.8	0.0	4.1	45	0	0.23	486	F-BERGEN
4787.00		0		DCW	0.6	2.3	0.0	4.6	51	0	0.20	485	F-BERGEN
4787.65		0		COCH	0.1	0.7	0.0	1.8	39	0	0.16	492	F-BERGEN
4788.70		0		COCH	0.3	1.5	0.0	4.3	36	0	0.14	489	F-BERGEN
4789.00		0		COCH	0.1	0.7	0.0	2.0	34	0	0.16	491	F-BERGEN
4789.50		0		COCH	0.0	0.2	0.0	0.5	36	0	0.14	497	F-BERGEN
4790.00		0		DCW	0.5	1.8	0.0	4.2	43	0	0.22	487	F-BERGEN
4792.00		0		DCW	0.5	2.1	0.0	4.7	46	0	0.20	488	F-BERGEN
4795.00		0		DCW	0.5	2.1	0.0	4.6	46	0	0.20	487	F-BERGEN
4797.00		0		DCW	0.5	1.9	0.0	4.3	45	0	0.20	486	F-BERGEN
4800.00		0		DCW	0.4	1.7	0.0	4.1	41	0	0.20	488	F-BERGEN
4802.00		0		DCW	0.5	2.0	0.0	4.3	46	0	0.21	485	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)



Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4805.00		0		DCW	0.4	1.6	0.0	3.6	45	0	0.21	485	F-BERGEN
4807.00		0		DCW	0.5	1.9	0.0	3.8	49	0	0.21	480	F-BERGEN
4810.00		0		DCW	0.4	1.7	0.0	3.6	46	0	0.21	485	F-BERGEN
4812.00		0		DCW	0.4	1.6	0.0	3.1	51	0	0.22	482	F-BERGEN
4815.00		0		DCW	0.3	0.8	0.0	2.0	42	0	0.23	482	F-BERGEN
4817.00		0		DCW	0.4	1.5	0.0	3.6	43	0	0.22	483	F-BERGEN
4820.00		0		DCW	0.4	1.6	0.0	3.4	48	0	0.20	480	F-BERGEN
4822.00		0		DCW	0.4	1.4	0.0	3.2	44	0	0.22	484	F-BERGEN
4825.00		0		DCW	0.3	1.0	0.0	2.5	40	0	0.20	489	F-BERGEN
4827.00		0		DCW	0.4	1.8	0.0	3.8	47	0	0.17	489	F-BERGEN
4830.00		0		DCW	0.5	2.2	0.0	4.7	47	0	0.18	483	F-BERGEN
4832.00		0		DCW	0.5	1.8	0.0	4.0	46	0	0.21	485	F-BERGEN
4835.00		0		DCW	0.4	2.0	0.0	4.5	44	0	0.18	481	F-BERGEN
4837.00		0		DCW	0.5	1.8	0.0	4.0	45	0	0.21	485	F-BERGEN
4840.00		0		DCW	0.4	1.8	0.0	4.2	43	0	0.19	487	F-BERGEN
4842.00		0		DCW	0.5	2.0	0.0	4.2	47	0	0.20	488	F-BERGEN
4845.00		0		DCW	0.5	2.1	0.0	4.5	47	0	0.18	486	F-BERGEN
4849.00		0	CLYST	SWC	0.3	1.4	0.0	6.6	21	0	0.16	487	F-BERGEN
4850.00		0		DCW	0.5	1.5	0.0	4.1	36	0	0.24	481	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

Petroleum Geochemistry Group  
Research Center Bergen

HYDRO

Depth (m)	Group/Fm	% Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4852.00		0	DCW	0.3	1.5	0.0	4.2	35	0	0.19	483	F-BERGEN
4855.00		0	DCW	0.3	1.7	0.0	4.3	40	0	0.15	480	F-BERGEN
4857.00		0	DCW	0.4	1.4	0.0	4.1	34	0	0.21	481	F-BERGEN
4860.00		0	DCW	0.3	1.5	0.0	4.2	35	0	0.17	488	F-BERGEN
4862.00		0	DCW	0.3	1.5	0.0	4.4	35	0	0.18	486	F-BERGEN
4865.00		0	DCW	0.3	1.3	0.0	4.4	30	0	0.18	481	F-BERGEN
4867.00		0	DCW	0.2	0.5	0.0	1.7	29	0	0.23	488	F-BERGEN
4870.00		0	DCW	0.2	0.9	0.0	2.9	30	0	0.19	487	F-BERGEN
4872.00		0	DCW	0.2	0.9	0.0	3.3	27	0	0.19	487	F-BERGEN
4875.00		0	DCW	0.2	0.9	0.0	3.0	29	0	0.19	488	F-BERGEN
4877.00		0	DCW	0.3	1.4	0.0	4.7	30	0	0.18	490	F-BERGEN
4880.00		0	DCW	0.3	1.1	0.0	3.5	31	0	0.20	486	F-BERGEN
4887.00		0	DCW	0.2	0.8	0.0	3.0	28	0	0.17	482	F-BERGEN
4888.00		0 CLYST	SWC	0.2	1.1	0.0	4.8	24	0	0.14	492	F-BERGEN
4890.00		0	DCW	0.2	0.9	0.0	3.2	27	0	0.18	487	F-BERGEN
4891.00		0 CLYST	SWC	0.1	0.4	0.0	1.7	26	0	0.17	498	F-BERGEN
4892.00		0	DCW	0.2	1.0	0.0	3.6	29	0	0.17	490	F-BERGEN
4895.00		0	DCW	0.3	1.8	0.0	5.4	33	0	0.16	486	F-BERGEN
4897.00		0	DCW	0.3	1.8	0.0	6.1	29	0	0.16	490	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

Petroleum Geochemistry Group  
Research Center Bergen

HYDRO

Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4900.00		0		DCW	0.5	2.8	0.0	7.5	37	0	0.15	488	F-BERGEN
4902.00		0		DCW	0.3	1.8	0.0	5.6	31	0	0.16	491	F-BERGEN
4905.00		0		DCW	0.3	1.6	0.0	5.1	32	0	0.16	490	F-BERGEN
4907.00		0		DCW	0.3	1.7	0.0	5.9	29	0	0.15	488	F-BERGEN
4910.00		0		DCW	0.3	1.5	0.0	5.2	28	0	0.16	485	F-BERGEN
4912.00		0		DCW	0.3	1.5	0.0	5.3	29	0	0.16	489	F-BERGEN
4913.00		0	CLYST	SWC	0.1	1.0	0.0	3.9	27	0	0.11	494	F-BERGEN
4915.00		0		DCW	0.3	1.6	0.0	5.0	32	0	0.16	488	F-BERGEN
4917.00		0		DCW	0.2	1.0	0.0	3.4	30	0	0.16	488	F-BERGEN
4920.00		0		DCW	0.2	0.8	0.0	2.9	27	0	0.16	489	F-BERGEN
4922.00		0		DCW	0.1	0.6	0.0	1.8	31	0	0.20	488	F-BERGEN
4925.00		0		DCW	0.1	0.7	0.0	2.4	27	0	0.15	496	F-BERGEN
4927.00		0		DCW	0.1	0.7	0.0	2.4	29	0	0.17	481	F-BERGEN
4930.00		0		DCW	0.2	1.1	0.0	3.5	31	0	0.13	486	F-BERGEN
4932.00		0		DCW	0.2	1.3	0.0	3.9	34	0	0.14	480	F-BERGEN
4935.00		0		DCW	0.2	1.1	0.0	3.6	31	0	0.16	487	F-BERGEN
4937.00		0		DCW	0.3	2.4	0.0	7.6	32	0	0.10	477	F-BERGEN
4940.00		0		DCW	0.3	1.8	0.0	5.5	32	0	0.13	485	F-BERGEN
4942.00		0		DCW	0.3	1.3	0.0	4.3	30	0	0.16	487	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)



Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4943.00		0	CLYST	SWC	0.1	0.9	0.0	4.0	22	0	0.11	500	F-BERGEN
4945.00		0		DCW	0.3	2.0	0.0	6.2	32	0	0.13	482	F-BERGEN
4947.00		0		DCW	0.3	1.7	0.0	5.5	30	0	0.14	484	F-BERGEN
4950.00		0		DCW	0.2	1.5	0.0	4.9	32	0	0.12	488	F-BERGEN
4952.00		0		DCW	0.1	0.3	0.0	0.9	37	0	0.13	486	F-BERGEN
4955.00		0		DCW	0.1	0.4	0.0	1.3	35	0	0.17	488	F-BERGEN
4957.00		0		DCW	0.2	0.7	0.0	2.0	36	0	0.19	487	F-BERGEN
4957.00		0	CLYST	SWC	0.1	0.7	0.0	3.0	22	0	0.10	502	F-BERGEN
4960.00		0		DCW	0.2	1.0	0.0	2.7	39	0	0.17	485	F-BERGEN
4962.00		0		DCW	0.2	0.8	0.0	2.4	35	0	0.15	487	F-BERGEN
4964.00		0		COCH	0.0	0.0	0.0	0.1	10	0	0.00	499	F-BERGEN
4965.00		0		DCW	0.4	1.5	0.0	3.0	50	0	0.22	476	F-BERGEN
4966.00		0		COCH	0.0	0.1	0.0	0.3	43	0	0.19	503	F-BERGEN
4967.00		0		DCW	0.4	2.2	0.0	4.5	49	0	0.17	490	F-BERGEN
4968.00		0		COCH	0.1	1.1	0.0	3.1	37	0	0.07	496	F-BERGEN
4970.00		0		DCW	0.4	2.3	0.0	4.9	47	0	0.14	488	F-BERGEN
4971.00		0		COCH	0.2	2.3	0.0	6.1	37	0	0.07	494	F-BERGEN
4971.25		0		COCH	0.1	0.5	0.0	2.5	20	0	0.09	500	F-BERGEN
4972.00		0		DCW	0.4	1.9	0.0	4.6	42	0	0.17	489	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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HYDRO

Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
4973.00		0		COCH	0.1	0.8	0.0	3.0	26	0	0.08	496	F-BERGEN
4975.00		0		DCW	0.4	2.2	0.0	5.0	44	0	0.15	490	F-BERGEN
4976.00		0		COCH	0.1	0.5	0.0	2.0	24	0	0.09	499	F-BERGEN
4977.00		0		DCW	0.3	1.9	0.0	4.5	42	0	0.15	490	F-BERGEN
4978.00		0		COCH	0.1	0.7	0.0	2.8	25	0	0.09	497	F-BERGEN
4980.00		0		COCH	0.1	0.7	0.0	2.6	26	0	0.07	495	F-BERGEN
4980.00		0	CLYST	SWC	0.1	0.8	0.0	4.2	20	0	0.11	506	F-BERGEN
4980.20		0		COCH	0.0	0.0	0.0	0.1	30	0	0.00	378	F-BERGEN
4985.00		0		DCW	0.5	1.8	0.0	4.2	44	0	0.22	486	F-BERGEN
4987.00		0		DCW	0.6	2.1	0.0	4.6	45	0	0.21	487	F-BERGEN
4990.00		0		DCW	0.5	2.1	0.0	4.6	47	0	0.19	487	F-BERGEN
4992.00		0		DCW	0.5	1.9	0.0	4.4	43	0	0.20	487	F-BERGEN
4995.00		0		DCW	0.5	2.2	0.0	4.9	45	0	0.18	488	F-BERGEN
4997.00		0		DCW	0.4	1.6	0.0	3.6	44	0	0.19	481	F-BERGEN
5000.00		0		DCW	0.4	2.1	0.0	5.0	42	0	0.15	491	F-BERGEN
5002.00		0		DCW	0.4	1.6	0.0	4.0	41	0	0.19	489	F-BERGEN
5005.00		0		DCW	0.5	2.0	0.0	4.2	46	0	0.20	488	F-BERGEN
5007.00		0		DCW	0.4	1.8	0.0	3.7	47	0	0.19	487	F-BERGEN
5010.00		0		DCW	0.3	1.5	0.0	3.7	39	0	0.18	487	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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HYDRO

Depth (m)	Group/Fm.	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
5012.00		0		DCW	0.4	2.3	0.0	5.3	44	0	0.15	492	F-BERGEN
5015.00		0		DCW	0.3	1.9	0.0	4.7	40	0	0.15	490	F-BERGEN
5017.00		0		DCW	0.3	1.6	0.0	4.1	40	0	0.17	489	F-BERGEN
5020.00		0		DCW	0.4	1.7	0.0	4.1	40	0	0.20	487	F-BERGEN
5021.00		0		COCH	0.1	2.1	0.0	6.4	33	0	0.06	504	F-BERGEN
5022.00		0		DCW	0.4	2.2	0.0	4.9	45	0	0.15	493	F-BERGEN
5025.00		0		DCW	0.3	1.7	0.0	4.2	41	0	0.17	490	F-BERGEN
5027.00		0		DCW	0.3	1.4	0.0	3.8	36	0	0.19	488	F-BERGEN
5030.00		0		DCW	0.3	1.6	0.0	4.3	38	0	0.18	490	F-BERGEN
5032.00		0		DCW	0.3	1.9	0.0	4.8	40	0	0.16	491	F-BERGEN
5032.00		0		DCW	0.3	1.9	0.0	4.8	40	0	0.16	491	F-BERGEN
5035.00		0		DCW	0.3	1.4	0.0	3.2	44	0	0.18	483	F-BERGEN
5037.00		0		DCW	0.3	1.7	0.0	4.3	40	0	0.14	485	F-BERGEN
5042.00		0		DCW	0.3	1.9	0.0	4.7	41	0	0.15	488	F-BERGEN
5045.00		0		DCW	0.3	2.0	0.0	4.7	43	0	0.13	490	F-BERGEN
5047.00		0		DCW	0.3	1.7	0.0	4.3	40	0	0.14	483	F-BERGEN
5050.00		0		DCW	0.3	2.4	0.0	5.8	42	0	0.12	489	F-BERGEN
5052.00		0		DCW	0.3	1.9	0.0	4.7	41	0	0.14	489	F-BERGEN
5055.00		0		DCW	0.3	2.2	0.0	5.5	39	0	0.13	489	F-BERGEN



Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)



Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
5057.00		0		DCW	0.4	2.4	0.0	5.3	45	0	0.14	489	F-BERGEN
5060.00		0		DCW	0.3	2.0	0.0	5.0	40	0	0.14	490	F-BERGEN
5062.00		0		DCW	0.3	2.5	0.0	6.1	41	0	0.12	489	F-BERGEN
5065.00		0		DCW	0.3	2.0	0.0	5.1	40	0	0.13	489	F-BERGEN
5070.00		0		DCW	0.3	1.6	0.0	4.2	37	0	0.16	488	F-BERGEN
5072.00		0		DCW	0.3	2.0	0.0	4.7	42	0	0.15	490	F-BERGEN
5075.00		0		DCW	0.4	2.2	0.0	5.0	44	0	0.14	490	F-BERGEN
5075.00		0	CLYST	SWC	0.2	1.1	0.0	4.2	27	0	0.14	489	F-BERGEN
5077.00		0		DCW	0.3	1.6	0.0	4.4	38	0	0.17	490	F-BERGEN
5080.00		0		DCW	0.3	1.7	0.0	4.5	38	0	0.15	489	F-BERGEN
5082.00		0		DCW	0.3	2.0	0.0	5.7	35	0	0.13	489	F-BERGEN
5085.00		0		DCW	0.3	2.2	0.0	6.2	36	0	0.13	489	F-BERGEN
5087.00		0		DCW	0.3	2.4	0.0	6.0	40	0	0.11	490	F-BERGEN
5090.00		0		DCW	0.3	1.9	0.0	4.9	39	0	0.12	491	F-BERGEN
5092.00		0		DCW	0.3	2.2	0.0	5.7	39	0	0.12	487	F-BERGEN
5095.00		0		DCW	0.3	1.7	0.0	4.5	38	0	0.13	489	F-BERGEN
5097.00		0		DCW	0.3	1.9	0.0	5.0	38	0	0.14	491	F-BERGEN
5100.00		0		DCW	0.3	2.1	0.0	5.3	40	0	0.13	488	F-BERGEN
5102.00		0		DCW	0.3	2.2	0.0	5.7	39	0	0.11	491	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)



Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
5105.00		0		DCW	0.2	1.7	0.0	4.8	35	0	0.12	491	F-BERGEN
5107.00		0		DCW	0.3	2.1	0.0	5.3	39	0	0.11	495	F-BERGEN
5110.00		0		DCW	0.3	3.0	0.0	6.8	45	0	0.09	493	F-BERGEN
5112.00		0		DCW	0.3	1.8	0.0	4.5	40	0	0.16	488	F-BERGEN
5115.00		0		DCW	0.3	2.1	0.0	5.8	36	0	0.12	491	F-BERGEN
5117.00		0		DCW	0.4	6.1	0.0	11.7	52	0	0.06	491	F-BERGEN
5120.00		0		DCW	0.3	2.1	0.0	5.5	38	0	0.11	493	F-BERGEN
5122.00		0		DCW	0.3	5.2	0.0	11.0	47	0	0.06	492	F-BERGEN
5125.00		0		DCW	0.4	7.2	0.0	13.2	55	0	0.05	491	F-BERGEN
5127.00		0		DCW	0.3	6.1	0.0	12.0	51	0	0.05	490	F-BERGEN
5130.00		0		DCW	0.5	3.0	0.0	7.0	43	0	0.13	492	F-BERGEN
5132.00		0		DCW	0.3	1.9	0.0	5.3	36	0	0.14	492	F-BERGEN
5135.00		0		DCW	0.3	3.3	0.0	7.1	46	0	0.10	492	F-BERGEN
5137.00		0		DCW	0.3	3.3	0.0	7.5	45	0	0.09	492	F-BERGEN
5140.00		0		DCW	0.3	2.8	0.0	7.0	40	0	0.09	494	F-BERGEN
5142.00		0		DCW	0.3	2.2	0.0	6.1	35	0	0.11	493	F-BERGEN
5145.00		0		DCW	0.3	2.7	0.0	6.9	38	0	0.09	494	F-BERGEN
5147.00		0		DCW	0.3	2.7	0.0	6.1	44	0	0.09	493	F-BERGEN
5150.00		0		DCW	0.2	1.8	0.0	4.9	37	0	0.10	494	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
5152.00		0		DCW	0.2	1.6	0.0	5.1	32	0	0.10	492	F-BERGEN
5155.00		0		DCW	0.2	2.0	0.0	5.7	36	0	0.11	493	F-BERGEN
5157.00		0		DCW	0.2	3.1	0.0	7.8	40	0	0.07	497	F-BERGEN
5160.00		0		DCW	0.2	2.6	0.0	6.5	40	0	0.07	490	F-BERGEN
5162.00		0		DCW	0.2	2.3	0.0	6.2	37	0	0.09	495	F-BERGEN
5167.00		0		DCW	0.2	2.2	0.0	5.8	37	0	0.09	489	F-BERGEN
5170.00		0		DCW	0.2	2.8	0.0	7.0	40	0	0.07	498	F-BERGEN
5172.00		0		DCW	0.2	2.0	0.0	5.0	41	0	0.08	495	F-BERGEN
5175.00		0		DCW	0.2	4.1	0.0	8.1	50	0	0.05	494	F-BERGEN
5177.00		0		DCW	0.3	7.6	0.0	11.9	64	0	0.04	492	F-BERGEN
5177.00		0		DCW	0.3	7.6	0.0	11.9	64	0	0.04	492	F-BERGEN
5180.00		0		DCW	0.3	6.8	0.0	10.7	63	0	0.04	491	F-BERGEN
5182.00		0		DCW	0.3	5.7	0.0	9.8	58	0	0.05	491	F-BERGEN
5185.00		0		DCW	0.3	4.8	0.0	9.7	49	0	0.05	492	F-BERGEN
5187.00		0		DCW	0.2	4.9	0.0	8.9	56	0	0.04	493	F-BERGEN
5190.00		0		DCW	0.2	6.0	0.0	10.5	57	0	0.03	493	F-BERGEN
5192.00		0		DCW	0.2	1.6	0.0	4.6	35	0	0.09	490	F-BERGEN
5195.00		0		DCW	0.2	2.1	0.0	5.6	38	0	0.08	496	F-BERGEN
5196.00		0	CLYST	SWC	0.0	0.5	0.0	3.0	16	0	0.06	496	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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HYDRO

Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
5197.00		0		DCW	0.2	2.4	0.0	6.0	40	0	0.07	496	F-BERGEN
5200.00		0		DCW	0.2	3.0	0.0	6.4	47	0	0.06	496	F-BERGEN
5202.00		0		DCW	0.2	1.7	0.0	4.7	36	0	0.08	489	F-BERGEN
5205.00		0		DCW	0.2	2.7	0.0	6.4	43	0	0.07	495	F-BERGEN
5207.00		0		DCW	0.2	3.3	0.0	7.2	46	0	0.06	491	F-BERGEN
5210.00		0		DCW	0.2	2.9	0.0	6.3	45	0	0.05	497	F-BERGEN
5212.00		0		DCW	0.3	5.9	0.0	10.3	57	0	0.04	493	F-BERGEN
5215.00		0		DCW	0.2	4.1	0.0	8.0	52	0	0.05	493	F-BERGEN
5217.00		0		DCW	0.2	3.2	0.0	6.7	47	0	0.05	494	F-BERGEN
5220.00		0		DCW	0.1	2.2	0.0	5.3	41	0	0.06	497	F-BERGEN
5222.00		0		DCW	0.2	4.4	0.0	8.5	51	0	0.04	494	F-BERGEN
5225.00		0		DCW	0.2	0.7	0.0	2.0	33	0	0.19	488	F-BERGEN
5227.00		0		DCW	0.0	0.2	0.0	0.7	30	0	0.13	505	F-BERGEN
5230.00		0		DCW	0.0	0.3	0.0	0.9	34	0	0.03	492	F-BERGEN
5232.00		0		DCW	0.0	0.2	0.0	0.5	34	0	0.06	499	F-BERGEN
5235.00		0		DCW	0.2	1.1	0.0	3.0	36	0	0.12	483	F-BERGEN
5237.00		0		DCW	0.2	3.1	0.0	7.1	44	0	0.07	489	F-BERGEN
5237.00		0	CLYST	SWC	0.1	0.3	0.0	1.5	18	0	0.21	470	F-BERGEN
5240.00		0		DCW	0.2	2.5	0.0	6.1	41	0	0.08	494	F-BERGEN

Table 2.2 SOURCE ROCK SCREENING DATA WELL 6205/3-1R (cont'd)

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HYDRO

Depth (m)	Group/Fm	%	Lithology	Sample	S1 Kg/t	S2 Kg/t	S3 Kg/t	TOC %	HI	OI	PI	Tmax Deg.c	Company
5242.00		0		DCW	0.2	1.4	0.0	4.1	34	0	0.11	493	F-BERGEN
5245.00		0		DCW	0.2	1.4	0.0	4.0	34	0	0.11	493	F-BERGEN
5247.00		0		DCW	0.2	1.9	0.0	5.7	33	0	0.11	496	F-BERGEN
5250.00		0		DCW	0.1	0.6	0.0	2.2	26	0	0.11	496	F-BERGEN
5252.00		0		DCW	0.2	1.2	0.0	3.3	37	0	0.16	486	F-BERGEN
5254.83		0		COCH	0.1	1.0	0.0	4.3	23	0	0.05	501	F-BERGEN
5255.00		0		DCW	0.2	1.3	0.0	3.7	35	0	0.15	486	F-BERGEN
5257.00		0		DCW	0.2	1.4	0.0	4.2	33	0	0.14	490	F-BERGEN
5260.00		0		DCW	0.2	1.3	0.0	4.4	29	0	0.14	488	F-BERGEN
5262.87		0		COCH	0.0	0.2	0.0	1.1	15	0	0.06	515	F-BERGEN

**TABLE 2.3**

Methyl Phenanthrene Index  
Methyl Phenanthrene Distribution Factor  
Tmax from Rock Eval  
Calculated Vitrinite Reflectance  
Measured Vitrinite Reflectance

TABLE 2.3

MATURITY PARAMETERS OF AROMATIC FRACTION WELL 6205/3-1R  
METHYL-PHENANTRENE INDICES AND CALCULATED VITRINITE REFLECTANCE.

DEPTH M	SAMPLE TYPE	MPI 1	MPDF	Tmax	CALC.VITR.% Tmax-conv.	CALC.VITR.% MPDF-Conv.	VITR.REFL.% Measured
4310.00	SWC	0.99	0.53	467	0.99	1.02	
4410.00	DCW	1.19	0.60	471	1.03	1.18	
4449.80	COCH	1.24	0.66	478	1.15	1.31	
4450.65	COCH	1.24	0.67	479	1.17	1.34	1.16
4577.00	SWC	1.32	0.72	483	1.25	1.45	
4633.00	SWC	1.36	0.72	489	1.37	1.45	
4777.00	SWC	1.32	0.74	488	1.35	1.49	
4787.65	COCH	1.25	0.74	492	1.43	1.49	1.46
4789.00	COCH	1.22	0.76	491	1.41	1.54	1.66
4789.50	COCH	1.22	0.76	497	1.55	1.54	
4849.00	SWC	1.33	0.77	487	1.33	1.56	
4913.00	SWC	1.36	0.78	494	1.47	1.58	
4971.25	COCH	1.20	0.81	500	1.64	1.65	1.72
5021.00	COCH	1.00	0.77	504		1.56	1.63
5262.87	COCH	1.00	0.81	515		1.65	1.85

**TABLE 2.4**

Sterane Isomerisation



TABLE 2.4

BIOMARKER RATIOS WELL 6205/3-1R  
STERANE ISOMERISATION

DEPTH M	SAMPLE TYPE	C29-20S %aaa	C29-20S+R % abb
4310.00	SWC	39	53
4335.70	COCH	42	51
4335.80	COCH	44	55
4338.70	COCH	44	56
4410.00	DCW	48	48
4449.80	COCH		
4450.65	COCH		
4577.00	SWC	43	57
4633.00	SWC	42	59
4777.00	SWC	45	60
4787.65	COCH	50	65
4789.00	COCH	47	60
4789.50	COCH	47	63
4849.00	SWC	46	61
4913.00	SWC	46	62
4971.25	COCH	41	62
5020.90	COCH	47	62
5021.00	COCH	48	55
5262.87	COCH	47	52
BIOMSTD.	OIL	44	59

**TABLE 2.5**

Triterpane Ratios and Isomerisation

**TABLE 3.1**

Extraction Yields and latroscan  
Group Type Separation

## IATRO GROUP SEPARATION

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Table 3.1 SOURCE ROCK EXTRACTION DATA I WELL 6205/3-1R

Depth(m)	Group/Fm	EOM(mg)	EOM(%)	Hydrocarbons			Non Hydrocarbons		
				SAT(%)	ARO(%)	TOTAL(%)	NSO(%)	ASPH(%)	TOTAL(%)
4310.00		19.30	0.21	40	37	77	19	4	23
4335.70		2.30	0.01	11	33	44	47	9	56
4335.80		2.80	0.01	5	42	47	50	3	53
4338.70		3.30	0.02	15	25	40	44	16	60
4410.00		41.20	0.22					14	
4449.80		24.00	0.14	6	44	50	47	3	50
4450.65		19.90	0.11	7	26	33	62	5	67
4577.00		10.50	0.09	9	42	51	41	8	49
4633.00		15.10	0.08	4	53	57	34	9	43
4777.00		4.30	0.07	10	42	52	36	12	48
4787.65		2.40	0.01	2	36	38	47	15	62
4789.00		3.40	0.02	7	34	41	50	9	59
4789.50		3.80	0.02	2	46	48	42	10	52
4849.00		4.60	0.04	3	66	69	25	6	31
4913.00		3.70	0.05	13	43	56	29	15	44
4971.25		3.00	0.01	1	57	58	37	5	42
5020.90		0.50	0.00	43	14	57	33	10	43
5021.00		2.40	0.04	9	34	43	41	16	57

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Table 3.1 SOURCE ROCK EXTRACTION DATA I WELL 6205/3-1R (cont'd)

Depth(m)	Group/Fm	EOM(mg)	EOM(%)	Hydrocarbons			Non Hydrocarbons		
				SAT(%)	ARO(%)	TOTAL(%)	NSO(%)	ASPH(%)	TOTAL(%)
5262.87		1.80	0.01	2	51	53	37	10	47

**TABLE 3.3**

Molecular Ratios Saturated Fraction

Table 3.3 SATURATED FRAC., MOLECULAR RATIOS WELL 6205/3-1R

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HYDRO

Depth	Group/Fm	Pr/n-C17	Pr/Ph	CPI-I	CPI-II	n-C15+/Total	n-C20/n-C25
4310.00		0.70	1.50	1.10	0.90		
4335.70		0.40	0.80	1.10	1.00		
4335.80		0.40	1.40	1.10	1.00		
4338.70		0.40	1.40	1.10	1.00		
4410.00		0.69	2.61	1.17	1.03		
4449.80		0.58	2.92	1.14	1.02		
4450.65		0.60	2.89	1.11	1.02		
4577.00		0.86	1.38	1.25	1.14		
4633.00		0.58	1.66	1.37	1.24		
4777.00		0.70	1.20	0.00	0.00		
4787.65		0.73	1.42	0.95	1.00		
4789.00		0.63	1.40	1.00	0.99		
4789.50		0.73	1.32	1.05	1.01		
4849.00		0.47	1.27	0.92	1.02		
4913.00		0.38	1.32	1.14	1.09		
4971.25		0.54	1.31	1.00	0.98		
5020.90		0.50	1.10	0.00	0.00		
5021.00		0.60	1.10	0.00	0.00		

Table 3.3 SATURATED FRAC., MOLECULAR RATIOS WELL 6205/3-1R (cont'd)

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HYDRO

Depth	Group/Fm	Pr/n-C17	Pr/Ph	CPI-I	CPI-II	n-C15+/Total	n-C20/n-C25
5262.87		0.47	0.99	1.20	1.12		