HYDRO

Norsk Hydro a.s Bergen
E&P Research Centre

Document frontpage
Exploration and Production

Doc. type: [ ] Agreement [ ] Amendment [X] Report

Storage: [ ] 2 years [X] 5 years [ ] Permanent archives

Grading: [ ] Open [ ] Internal [X] Confidential [ ] Very conf. [ ] Strictly conf.

Doc. id: R-58583

Copy no.

Distribution:
Statoil
Amerada Hess
Esso
Mobil
PL122
NPD
Archive Harstad
Archive R-Bergen

Title:

PETROLEUM GEOCHEMISTRY

WELL 6507/2-2

BA-92-2730-1

2 J [illegible] 1992

Keywords:
Source rocks, maturity, oil correlation. Rock Eval, biological markers, vitrinite reflectance kerogen composition, TA1.

Pages-appendix	Amendment no.	Revision no.	Revision date
15			
Quadrant/Block-well	**Project no.**	**Licens no.**	**Date**
6507/2-2	12201102DG	PL 122	12.11.92
Department	Geosection		
Section	Bas.mod./Petr.Geochem.		
Authors	Lotte Aakvaag, Reidun Myklebust, Nils Telnæs L. Aa. R.		
Controlled			
Accepted	Sigrid Mjøstue 16/12-92.		
Approved			

Postal address: N-5020 Bergen
Office address: Sandsliveien 90, 5049 Sandsli
Phone: National: (05) 99 50 00, Internat.: +47 5 99 50 00
Telefax: National: (05) 99 61 96, Internat.: +47 5 99 61 96
Telex: 40920 hydro n

List of Tables

1.1.	Formation tops, with average RockEval data and vitrinite reflectance.
1.2.	List of samples analysed.
2.1.	Average vitrinite reflectance values.
3.1.1.	Source rock screening data.
3.1.2.	Rock Eval data before and after extraction.
3.2.1.	Sediment extraction weights.
3.2.2.	Sediment extraction yields (percent, gravimetric).
3.2.3.	Sediment extraction ratios (gravimetric).
3.3.1.	Iatroscan results.
3.3.2.	Calculated ratios from Iatroscan.
3.4.	Oil composition (Iatroscan).
3.5.	Molecular ratios from GC of alkane fraction.
3.6.	Biomarker ratios.
3.7.	Stable carbon isotope results.
3.8.	Visual kerogen composition.

TABLE 1.1

HYLAB RESULTS MANAGEMENT : Formation Summary Reporting selected from screen

Well		St.Depth	En.Depth	<— Simple Mean —> S1 kg/t	S2 kg/t	TOC %	HI	PI	Tmax	VRo	<— Weighted Mean —> S1 kg/t	S2 kg/t	TOC %	HI
6507/2-2		407.00	1680.00	0.03	0.27	0.3	81	0.1	421	0.34	0.03	0.27	0.3	82
6507/2-2		1680.00	1850.00	0.09	0.81	0.8	114	0.1	429	0.36	0.09	0.81	0.8	114
6507/2-2		1850.00	1987.00	0.02	0.30	0.6	59	0.0	427	0.38	0.02	0.31	0.5	64
6507/2-2		1987.00	2817.50	0.10	0.56	0.7	72	0.1	430	0.43	0.09	0.52	0.7	68
6507/2-2		2817.50	3380.00	0.57	1.09	1.0	107	0.3	438	0.52	0.54	1.01	1.0	104
6507/2-2		3380.00	3672.50	0.53	1.35	1.5	90	0.3	441	0.60	0.51	1.29	1.4	88
6507/2-2		3380.00	3672.50	0.53	1.35	1.5	90	0.3	441	0.60	0.51	1.29	1.4	88
6507/2-2		3672.50	3697.50	3.65	13.66	5.5	277	0.3	450		3.17	11.53	4.8	271
6507/2-2		3697.50	3720.00	0.56	0.88	1.0	86	0.4	443	0.53	0.60	0.91	1.0	89
6507/2-2		3672.50	3720.00	1.85	6.20	2.9	166	0.3	446	0.53	1.45	4.39	2.2	149
6507/2-2		3720.00	3743.00	0.45	0.50	1.1	50	0.5	435		0.51	0.61	1.1	61
6507/2-2		3743.00	3770.00	0.70	1.22	0.9	121	0.4	441	0.58	0.70	1.21	1.0	123
6507/2-2		3770.00	3958.00	7.44	48.57	22.4	195	0.2	453	0.81	7.10	46.26	21.4	190
6507/2-2		3720.00	3958.00	5.95	38.23	18.1	172	0.2	451	0.78	5.85	37.48	17.5	170

TABLE 1.2

LIST OF SAMPLES ANALYSED
WELL 6507/2-2

START DEPTH (M)	END DEPTH (M)	GR/FM	TYPE	LITHOLOGY	ROCK-EVAL/TOC BEFORE EXTR.	ROCK-EVAL/TOC AFTER EXTR.	EXTRACTION	IATROSCAN	MPLC	GC-MSD SAT	GC ARO	ISOTOPE 13C (FRAC)	ISOTOPE 13C (KER.)	VIS.KEROGEN	PY-GC AFTER EXTR.
2822.00	2822.00		SWC	SST	X	X	X	X	X	X					
2830.00	2830.00		COCH	SST	X	X	X	X	X	X	X	o		+	
2820.00	2831.00		DST2	OIL				X	X	X	X	o			
3284.00	3284.00		COCH	SST	X	X	X	X	X	X	X	o		+	
3286.00	3286.00		SWC	SST	X	X	X	X	X	X					
3290.00	3290.00		SWC	SST	X	X	X	X	X	X					
3285.00	3294.00		DST1	OIL				X	X	X	X	o			
3335.50	3335.50		COCH	SST		X	X	X	X	X	X	o			
3385.00	3387.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3400.00	3402.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3405.00	3407.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3435.00	3437.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3463.00	3465.00		DC	CLYST(BULK)	X	X	X	X	X	X		o	o	+	X
3512.00	3515.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3592.00	3595.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3597.00	3600.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3627.00	3630.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3687.00	3687.00		COCH	SST		X	X	X	X	X					
3720.00	3722.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3742.00	3745.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3771.00	3771.00		COCH	SST	X	X	X	X	X	X					
3782.00	3785.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X
3807.00	3810.00		DC	COAL(BULK)	X	X	X	X	X	X				+	X
3832.00	3835.00		DC	COAL(BULK)	X	X	X	X	X	X				+	X
3860.00	3862.00		DC	COAL(BULK)	X	X	X	X	X	X				+	X
3872.00	3875.00		DC	COAL(BULK)	X	X	X	X	X	X				+	X
3882.00	3885.00		DC	COAL(BULK)	X	X	X	X	X	X				+	X
3924.50	3924.50		COCH	COAL	X	X	X	X	X	X		o	o	+	X
3926.75	3926.75		COCH	SST	X	X	X	X	X	X					
3952.00	3955.00		DC	CLYST(BULK)	X	X	X	X	X	X				+	X

x = F-BERGEN

o = GEOLAB NOR , NORWAY

\+ = GEOCHEM LABS , UK

GEOLAB UK Vitrinite reflectance : 700 - 3940 m , 68 samples .

F-BERGEN RockEval/TOC-screening : 690 - 3955 m , 565 samples

TABLE: 2.1

Petroleum Geochemistry Group
Research Centre Bergen

HYDRO

VITRINITE REFLECTANCE (average values), WELL 6507/2-2

Depth (m)	Group/Fm.	Lithology	Type	Population I	Population II	Analysing Company
700.00		SST	DC	0.29 (4)		GEO-OPTICS
750.00		SLTY.SH	DC	0.34 (4)		GEO-OPTICS
800.00		SLTY.SH	DC	0.30 (5)		GEO-OPTICS
850.00		SH/SST	DC	0.27 (3)		GEO-OPTICS
900.00		SLTY.SH	DC	0.27 (4)		GEO-OPTICS
950.00		SLTY.SH	DC	0.35 (10)		GEO-OPTICS
1000.00		SLTY.SH	DC	0.31 (7)		GEO-OPTICS
1050.00		SLTY.SH	DC			GEO-OPTICS
1100.00		SLTY.SH	DC	0.31 (2)		GEO-OPTICS
1150.00		SLTY.SH	DC	0.33 (1)		GEO-OPTICS
1200.00		SLTY.SH	DC	0.33 (1)		GEO-OPTICS
1250.00		SLTY.SH	DC			GEO-OPTICS
1300.00		SLTY.SH	DC	0.32 (1)		GEO-OPTICS
1350.00		SLTY.SH	DC	0.43 (2)		GEO-OPTICS
1400.00		SLTY.SH	DC	0.41 (1)		GEO-OPTICS
1450.00		SH	DC	0.49 (5)		GEO-OPTICS
1500.00		SLTY.SH	DC	0.36 (5)		GEO-OPTICS
1550.00		SLTY.SH	DC	0.33 (8)		GEO-OPTICS
1600.00		SH	DC	0.36 (3)		GEO-OPTICS
1650.00		SLTY.SH	DC	0.30 (3)		GEO-OPTICS
1700.00		SLTY.SH	DC	0.38 (11)		GEO-OPTICS
1750.00		SLTY.SH	DC	0.36 (20)		GEO-OPTICS
1800.00		SLTY.SH	DC	0.34 (20)		GEO-OPTICS
1850.00		SH	DC	0.34 (6)		GEO-OPTICS
1900.00		CALC.CLYST	DC	0.38 (2)		GEO-OPTICS
1950.00		SH	DC			GEO-OPTICS
2000.00		SH	DC	0.39 (3)		GEO-OPTICS
2050.00		SH	DC	0.43 (3)		GEO-OPTICS
2100.00		SH	DC	0.45 (2)		GEO-OPTICS
2150.00		SH	DC	0.40 (12)		GEO-OPTICS
2200.00		SH	DC	0.37 (15)		GEO-OPTICS
2250.00		SH	DC	0.36 (8)		GEO-OPTICS
2300.00		SH	DC	0.44 (7)		GEO-OPTICS

VITRINITE REFLECTANCE (average values), WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Population I	Population II	Analysing Company
2350.00		SH	DC	0.44 (10)		GEO-OPTICS
2400.00		SLTY.SH	DC	0.46 (7)		GEO-OPTICS
2450.00		SLTY.SH	DC	0.40 (9)		GEO-OPTICS
2500.00		SH	DC	0.49 (4)		GEO-OPTICS
2550.00		SLTY.SH	DC	0.39 (9)		GEO-OPTICS
2600.00		SH	DC	0.46 (9)		GEO-OPTICS
2650.00		SH	DC	0.42 (4)		GEO-OPTICS
2700.00		SH	DC	0.44 (3)		GEO-OPTICS
2750.00		SH	DC	0.53 (8)		GEO-OPTICS
2800.00		SH	DC	0.43 (2)		GEO-OPTICS
2850.00		MRL	DC	0.45 (1)		GEO-OPTICS
2900.00		SH	DC	0.54 (4)		GEO-OPTICS
2950.00		SH	DC	0.48 (6)		GEO-OPTICS
3000.00		SH	DC	0.46 (1)		GEO-OPTICS
3050.00		SH	DC	0.47 (9)		GEO-OPTICS
3100.00		SH	DC	0.48 (5)		GEO-OPTICS
3150.00		SH	DC	0.45 (3)		GEO-OPTICS
3200.00		SH	DC	0.49 (20)		GEO-OPTICS
3250.00		BULK	DC	0.70 (7)		GEO-OPTICS
3300.00		BULK	DC	0.59 (8)		GEO-OPTICS
3350.00		BULK	DC	0.58 (20)		GEO-OPTICS
3400.00		BULK	DC	0.55 (7)		GEO-OPTICS
3450.00		BULK	DC	0.59 (7)		GEO-OPTICS
3500.00		BULK	DC	0.58 (13)		GEO-OPTICS
3550.00		BULK	DC	0.56 (14)		GEO-OPTICS
3650.00		BULK	DC	0.76 (21)		GEO-OPTICS
3700.00		BULK	DC	0.53 (6)		GEO-OPTICS
3750.00		BULK	DC	0.58 (9)		GEO-OPTICS
3772.60			COCH	0.60 (14)		GEO-OPTICS
3778.50			COCH	0.72 (23)		GEO-OPTICS
3800.00		BULK	DC	0.63 (8)		GEO-OPTICS
3830.00		BULK	DC	0.74 (21)		GEO-OPTICS
3860.00		BULK	DC	0.81 (21)		GEO-OPTICS

VITRINITE REFLECTANCE (average values), WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Population I	Population II	Analysing Company
3900.00		BULK	DC	0.79 (20)		GEO-OPTICS
3924.50		COAL	COCH	1.00 (22)		GEO-OPTICS
3929.20			COCH	1.05 (20)		GEO-OPTICS
3940.00		BULK	DC	0.92 (20)		GEO-OPTICS

TABLE: 3.1.1

Petroleum Geochemistry Group
Research Centre Bergen
HYDRO

ROCK EVAL SCREENING DATA, WELL 6507/2-2

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
690.00		BULK	DC	420	0.05	0.15	0.1	150	0.25	F-BERGEN
700.00		BULK	DC	430	0.01	0.05	0.1	50	0.17	F-BERGEN
710.00		BULK	DC		0.00	0.01	0.1	10		F-BERGEN
720.00		BULK	DC	411	0.01	0.09	0.2	45	0.10	F-BERGEN
730.00		BULK	DC	475	0.00	0.09	0.1	90	0.00	F-BERGEN
740.00		BULK	DC	417	0.01	0.09	0.1	90	0.10	F-BERGEN
750.00		BULK	DC	415	0.01	0.11	0.2	55	0.08	F-BERGEN
760.00		BULK	DC	415	0.00	0.09	0.2	45	0.00	F-BERGEN
770.00		BULK	DC	416	0.01	0.13	0.2	65	0.07	F-BERGEN
780.00		BULK	DC	404	0.00	0.05	0.1	50	0.00	F-BERGEN
790.00		BULK	DC	427	0.00	0.05	0.1	50	0.00	F-BERGEN
800.00		BULK	DC	423	0.00	0.05	0.1	50	0.00	F-BERGEN
810.00		BULK	DC		0.00	0.05	0.1	50	0.00	F-BERGEN
820.00		BULK	DC		0.00	0.05	0.1	50	0.00	F-BERGEN
830.00		BULK	DC	432	0.00	0.07	0.1	70	0.00	F-BERGEN
840.00		BULK	DC	473	0.00	0.07	0.1	70	0.00	F-BERGEN
850.00		BULK	DC	430	0.00	0.07	0.1	70	0.00	F-BERGEN
860.00		BULK	DC	427	0.01	0.17	0.2	85	0.06	F-BERGEN
870.00		BULK	DC	428	0.01	0.17	0.3	57	0.06	F-BERGEN
880.00		BULK	DC	422	0.03	0.33	0.3	110	0.08	F-BERGEN
890.00		BULK	DC	420	0.03	0.29	0.4	73	0.09	F-BERGEN
900.00		BULK	DC	429	0.03	0.29	0.3	97	0.09	F-BERGEN
910.00		BULK	DC	421	0.01	0.23	0.3	77	0.04	F-BERGEN
920.00		BULK	DC	423	0.05	0.31	0.4	78	0.14	F-BERGEN
930.00		BULK	DC	425	0.03	0.27	0.4	68	0.10	F-BERGEN
940.00		BULK	DC	424	0.01	0.21	0.3	70	0.05	F-BERGEN
950.00		BULK	DC	418	0.03	0.19	0.3	63	0.14	F-BERGEN
960.00		BULK	DC	418	0.01	0.19	0.3	63	0.05	F-BERGEN
970.00		BULK	DC	418	0.03	0.21	0.3	70	0.13	F-BERGEN
980.00		BULK	DC	416	0.01	0.19	0.2	95	0.05	F-BERGEN
990.00		BULK	DC	420	0.01	0.11	0.2	55	0.08	F-BERGEN
1000.00		BULK	DC	415	0.01	0.11	0.2	55	0.08	F-BERGEN
1010.00		BULK	DC	421	0.01	0.15	0.2	75	0.06	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
1020.00		BULK	DC	455	0.01	0.17	0.2	85	0.06	F-BERGEN
1030.00		BULK	DC	416	0.03	0.19	0.3	63	0.14	F-BERGEN
1040.00		BULK	DC	414	0.03	0.21	0.3	70	0.13	F-BERGEN
1050.00		BULK	DC	417	0.03	0.21	0.2	105	0.13	F-BERGEN
1060.00		BULK	DC	415	0.01	0.17	0.2	85	0.06	F-BERGEN
1070.00		BULK	DC	417	0.01	0.15	0.2	75	0.06	F-BERGEN
1080.00		BULK	DC	416	0.01	0.15	0.2	75	0.06	F-BERGEN
1090.00		BULK	DC	423	0.03	0.11	0.2	55	0.21	F-BERGEN
1100.00		BULK	DC	422	0.01	0.15	0.2	75	0.06	F-BERGEN
1110.00		BULK	DC	421	0.03	0.19	0.2	95	0.14	F-BERGEN
1130.00		BULK	DC	417	0.00	0.07	0.1	70	0.00	F-BERGEN
1140.00		BULK	DC	418	0.01	0.09	0.1	90	0.10	F-BERGEN
1150.00		BULK	DC	419	0.01	0.11	0.2	55	0.08	F-BERGEN
1160.00		BULK	DC	420	0.01	0.15	0.2	75	0.06	F-BERGEN
1170.00		BULK	DC	420	0.00	0.09	0.1	90	0.00	F-BERGEN
1180.00		BULK	DC	421	0.01	0.17	0.2	85	0.06	F-BERGEN
1190.00		BULK	DC	409	0.00	0.07	0.1	70	0.00	F-BERGEN
1200.00		BULK	DC	428	0.00	0.03	0.1	30		F-BERGEN
1210.00		BULK	DC	415	0.00	0.09	0.2	45	0.00	F-BERGEN
1220.00		BULK	DC	420	0.00	0.09	0.1	90	0.00	F-BERGEN
1230.00		BULK	DC	424	0.00	0.05	0.1	50	0.00	F-BERGEN
1240.00		BULK	DC	423	0.00	0.07	0.1	70	0.00	F-BERGEN
1250.00		BULK	DC		0.00	0.05	0.1	50	0.00	F-BERGEN
1260.00		BULK	DC	421	0.00	0.09	0.2	45	0.00	F-BERGEN
1270.00		BULK	DC		0.00	0.09	0.1	90	0.00	F-BERGEN
1280.00		BULK	DC		0.00	0.01	0.0	0		F-BERGEN
1290.00		BULK	DC	427	0.00	0.07	0.1	70	0.00	F-BERGEN
1300.00		BULK	DC	459	0.00	0.05	0.1	50	0.00	F-BERGEN
1310.00		BULK	DC	422	0.01	0.07	0.1	70	0.13	F-BERGEN
1320.00		BULK	DC	421	0.00	0.07	0.1	70	0.00	F-BERGEN
1330.00		BULK	DC	417	0.01	0.05	0.1	50	0.17	F-BERGEN
1340.00		BULK	DC	428	0.01	0.20	0.2	100	0.05	F-BERGEN
1350.00		BULK	DC	415	0.01	0.11	0.1	110	0.08	F-BERGEN

TABLE: 3.1.1

Petroleum Geochemistry Group
Research Centre Bergen

HYDRO

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
1360.00		BULK	DC	422	0.01	0.13	0.2	65	0.07	F-BERGEN
1370.00		BULK	DC	417	0.01	0.11	0.1	110	0.08	F-BERGEN
1380.00		BULK	DC	416	0.00	0.09	0.1	90	0.00	F-BERGEN
1390.00		BULK	DC	412	0.02	0.10	0.1	100	0.17	F-BERGEN
1400.00		BULK	DC	419	0.01	0.15	0.1	150	0.06	F-BERGEN
1410.00		BULK	DC	427	0.01	0.13	0.2	65	0.07	F-BERGEN
1420.00		BULK	DC	433	0.04	0.16	0.1	160	0.20	F-BERGEN
1430.00		BULK	DC	429	0.02	0.20	0.3	67	0.09	F-BERGEN
1440.00		BULK	DC	422	0.03	0.31	0.4	78	0.09	F-BERGEN
1450.00		BULK	DC	426	0.07	0.57	0.6	95	0.11	F-BERGEN
1460.00		BULK	DC	423	0.07	0.52	0.5	104	0.12	F-BERGEN
1470.00		BULK	DC	421	0.05	0.49	0.5	98	0.09	F-BERGEN
1480.00		BULK	DC	424	0.07	0.54	0.5	108	0.11	F-BERGEN
1500.00		BULK	DC	425	0.05	0.55	0.6	92	0.08	F-BERGEN
1510.00		BULK	DC	430	0.07	0.53	0.6	88	0.12	F-BERGEN
1520.00		BULK	DC	426	0.09	0.65	0.6	108	0.12	F-BERGEN
1530.00		BULK	DC	425	0.09	0.67	0.6	112	0.12	F-BERGEN
1540.00		BULK	DC	429	0.07	0.65	0.6	108	0.10	F-BERGEN
1550.00		BULK	DC	419	0.13	0.90	0.6	150	0.13	F-BERGEN
1560.00		BULK	DC	424	0.09	0.67	0.6	112	0.12	F-BERGEN
1570.00		BULK	DC	431	0.11	1.00	0.7	143	0.10	F-BERGEN
1580.00		BULK	DC	430	0.12	1.02	0.7	146	0.11	F-BERGEN
1590.00		BULK	DC	432	0.07	0.79	0.7	113	0.08	F-BERGEN
1600.00		BULK	DC	430	0.07	0.75	0.6	125	0.09	F-BERGEN
1610.00		BULK	DC	432	0.07	0.83	0.6	138	0.08	F-BERGEN
1620.00		BULK	DC	431	0.05	0.70	0.6	117	0.07	F-BERGEN
1630.00		BULK	DC	424	0.09	0.81	0.7	116	0.10	F-BERGEN
1640.00		BULK	DC	419	0.11	0.80	0.7	114	0.12	F-BERGEN
1650.00		BULK	DC	422	0.11	0.89	0.8	111	0.11	F-BERGEN
1660.00		BULK	DC	420	0.11	0.78	0.7	111	0.12	F-BERGEN
1670.00		BULK	DC	417	0.09	0.75	0.7	107	0.11	F-BERGEN
1680.00		BULK	DC	415	0.09	0.72	0.8	90	0.11	F-BERGEN
1690.00		BULK	DC	421	0.13	0.96	0.8	120	0.12	F-BERGEN

TABLE: 3.1.1

Petroleum Geochemistry Group
Research Centre Bergen

HYDRO

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
1700.00		BULK	DC	416	0.13	0.98	0.9	109	0.12	F-BERGEN
1710.00		BULK	DC	425	0.09	0.95	0.9	106	0.09	F-BERGEN
1720.00		BULK	DC	423	0.05	0.79	0.9	88	0.06	F-BERGEN
1730.00		BULK	DC	425	0.09	0.90	1.0	90	0.09	F-BERGEN
1740.00		BULK	DC	423	0.11	0.97	1.0	97	0.10	F-BERGEN
1750.00		BULK	DC	422	0.09	0.98	1.0	98	0.08	F-BERGEN
1760.00		BULK	DC	424	0.09	0.86	0.9	96	0.09	F-BERGEN
1770.00		BULK	DC	418	0.13	0.96	0.9	107	0.12	F-BERGEN
1780.00		BULK	DC	418	0.15	1.05	1.0	105	0.13	F-BERGEN
1790.00		BULK	DC	420	0.15	1.29	1.2	107	0.10	F-BERGEN
1800.00		BULK	DC	421	0.11	1.06	1.1	96	0.09	F-BERGEN
1810.00		BULK	DC	423	0.09	0.73	0.6	122	0.11	F-BERGEN
1820.00		BULK	DC	403	0.09	0.53	0.3	177	0.15	F-BERGEN
1830.00		BULK	DC	413	0.07	0.46	0.5	92	0.13	F-BERGEN
1840.00		BULK	DC	494	0.01	0.21	0.1	210	0.05	F-BERGEN
1850.00		BULK	DC		0.00	0.13	0.1	130	0.00	F-BERGEN
1860.00		BULK	DC	479	0.01	0.21	0.2	105	0.05	F-BERGEN
1870.00		BULK	DC	470	0.01	0.21	0.2	105	0.05	F-BERGEN
1880.00		BULK	DC	417	0.03	0.47	0.5	94	0.06	F-BERGEN
1890.00		BULK	DC	409	0.07	0.67	0.6	112	0.09	F-BERGEN
1900.00		BULK	DC	420	0.03	0.71	0.7	101	0.04	F-BERGEN
1910.00		BULK	DC	419	0.01	0.17	0.4	43	0.06	F-BERGEN
1920.00		BULK	DC	417	0.01	0.11	0.3	37	0.08	F-BERGEN
1930.00		BULK	DC	459	0.00	0.12	0.2	60	0.00	F-BERGEN
1940.00		BULK	DC	422	0.00	0.17	0.5	34	0.00	F-BERGEN
1950.00		BULK	DC	423	0.00	0.25	0.7	36	0.00	F-BERGEN
1955.00		BULK	DC	424	0.01	0.47	0.9	52	0.02	F-BERGEN
1960.00		BULK	DC	410	0.01	0.29	0.5	58	0.03	F-BERGEN
1965.00		BULK	DC	420	0.01	0.31	0.8	39	0.03	F-BERGEN
1970.00		BULK	DC	426	0.01	0.29	0.9	32	0.03	F-BERGEN
1975.00		BULK	DC	414	0.01	0.33	0.7	47	0.03	F-BERGEN
1980.00		BULK	DC	415	0.03	0.23	0.7	33	0.12	F-BERGEN
1985.00		BULK	DC	420	0.01	0.17	0.7	24	0.06	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
1990.00		BULK	DC	424	0.00	0.13	0.6	22	0.00	F-BERGEN
1995.00		BULK	DC	421	0.01	0.19	0.6	32	0.05	F-BERGEN
2000.00		BULK	DC	419	0.01	0.15	0.5	30	0.06	F-BERGEN
2005.00		BULK	DC	423	0.01	0.17	0.4	43	0.06	F-BERGEN
2010.00		BULK	DC	420	0.01	0.15	0.5	30	0.06	F-BERGEN
2015.00		BULK	DC	418	0.01	0.11	0.5	22	0.08	F-BERGEN
2020.00		BULK	DC	422	0.01	0.17	0.5	34	0.06	F-BERGEN
2030.00		BULK	DC	425	0.01	0.21	0.4	53	0.05	F-BERGEN
2040.00		BULK	DC	450	0.00	0.11	0.4	28	0.00	F-BERGEN
2050.00		BULK	DC	425	0.00	0.13	0.4	33	0.00	F-BERGEN
2060.00		BULK	DC	434	0.00	0.19	0.4	48	0.00	F-BERGEN
2070.00		BULK	DC	424	0.00	0.13	0.4	33	0.00	F-BERGEN
2080.00		BULK	DC	425	0.00	0.13	0.4	33	0.00	F-BERGEN
2090.00		BULK	DC	427	0.00	0.15	0.4	38	0.00	F-BERGEN
2100.00		BULK	DC	424	0.00	0.15	0.4	38	0.00	F-BERGEN
2110.00		BULK	DC	423	0.00	0.17	0.5	34	0.00	F-BERGEN
2120.00		BULK	DC	425	0.00	0.21	0.5	42	0.00	F-BERGEN
2130.00		BULK	DC	424	0.00	0.21	0.5	42	0.00	F-BERGEN
2140.00		BULK	DC	426	0.01	0.19	0.5	38	0.05	F-BERGEN
2150.00		BULK	DC	419	0.01	0.17	0.5	34	0.06	F-BERGEN
2160.00		BULK	DC	420	0.01	0.13	0.5	26	0.07	F-BERGEN
2170.00		BULK	DC	423	0.00	0.09	0.4	23	0.00	F-BERGEN
2180.00		BULK	DC	423	0.01	0.19	0.5	38	0.05	F-BERGEN
2190.00		BULK	DC	426	0.01	0.19	0.5	38	0.05	F-BERGEN
2195.00		BULK	DC	427	0.01	0.29	0.6	48	0.03	F-BERGEN
2200.00		BULK	DC	429	0.01	0.31	0.6	52	0.03	F-BERGEN
2210.00		BULK	DC	429	0.01	0.35	0.7	50	0.03	F-BERGEN
2215.00		BULK	DC	422	0.01	0.21	0.6	35	0.05	F-BERGEN
2220.00		BULK	DC	428	0.03	0.37	0.7	53	0.07	F-BERGEN
2225.00		BULK	DC	428	0.03	0.42	0.7	60	0.07	F-BERGEN
2230.00		BULK	DC	429	0.01	0.33	0.7	47	0.03	F-BERGEN
2235.00		BULK	DC	431	0.01	0.43	0.7	61	0.02	F-BERGEN
2240.00		BULK	DC	428	0.03	0.44	0.7	63	0.06	F-BERGEN

TABLE: 3.1.1

Petroleum Geochemistry Group
Research Centre Bergen

HYDRO

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2250.00		BULK	DC	429	0.03	0.37	0.7	53	0.07	F-BERGEN
2260.00		BULK	DC	429	0.03	0.39	0.7	56	0.07	F-BERGEN
2270.00		BULK	DC	428	0.03	0.51	0.8	64	0.06	F-BERGEN
2280.00		BULK	DC	428	0.03	0.53	0.8	66	0.05	F-BERGEN
2290.00		BULK	DC	428	0.01	0.49	0.8	61	0.02	F-BERGEN
2300.00		BULK	DC	429	0.01	0.49	0.8	61	0.02	F-BERGEN
2305.00		BULK	DC	428	0.03	0.45	0.8	56	0.06	F-BERGEN
2310.00		BULK	DC	427	0.02	0.50	0.8	63	0.04	F-BERGEN
2315.00		BULK	DC	429	0.03	0.55	0.9	61	0.05	F-BERGEN
2320.00		BULK	DC	429	0.03	0.52	0.9	58	0.05	F-BERGEN
2330.00		BULK	DC	430	0.03	0.55	0.9	61	0.05	F-BERGEN
2340.00		BULK	DC	430	0.03	0.59	0.9	66	0.05	F-BERGEN
2345.00		BULK	DC	430	0.01	0.55	0.9	61	0.02	F-BERGEN
2350.00		BULK	DC	430	0.03	0.58	0.9	64	0.05	F-BERGEN
2355.00		BULK	DC	427	0.03	0.57	0.9	63	0.05	F-BERGEN
2360.00		BULK	DC	430	0.03	0.60	0.8	75	0.05	F-BERGEN
2365.00		BULK	DC	428	0.10	0.41	0.7	59	0.20	F-BERGEN
2370.00		BULK	DC	431	0.03	0.37	0.6	62	0.07	F-BERGEN
2375.00		BULK	DC	430	0.03	0.52	0.7	74	0.05	F-BERGEN
2380.00		BULK	DC	430	0.03	0.47	0.7	67	0.06	F-BERGEN
2385.00		BULK	DC	430	0.03	0.64	0.7	91	0.04	F-BERGEN
2390.00		BULK	DC	430	0.03	0.58	0.7	83	0.05	F-BERGEN
2395.00		BULK	DC	431	0.03	0.61	0.7	87	0.05	F-BERGEN
2400.00		BULK	DC	430	0.05	0.67	0.7	96	0.07	F-BERGEN
2405.00		BULK	DC	431	0.05	0.66	0.7	94	0.07	F-BERGEN
2410.00		BULK	DC	431	0.05	0.61	0.8	76	0.08	F-BERGEN
2415.00		BULK	DC	431	0.04	0.42	0.7	60	0.09	F-BERGEN
2420.00		BULK	DC	431	0.03	0.45	0.7	64	0.06	F-BERGEN
2425.00		BULK	DC	431	0.05	0.59	0.7	84	0.08	F-BERGEN
2430.00		BULK	DC	431	0.03	0.64	0.8	80	0.04	F-BERGEN
2435.00		BULK	DC	431	0.05	0.65	0.7	93	0.07	F-BERGEN
2440.00		BULK	DC	431	0.05	0.61	0.7	87	0.08	F-BERGEN
2445.00		BULK	DC	431	0.03	0.62	0.7	89	0.05	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2450.00		BULK	DC	429	0.03	0.51	0.7	73	0.06	F-BERGEN
2455.00		BULK	DC	428	0.01	0.25	0.6	42	0.04	F-BERGEN
2460.00		BULK	DC	429	0.03	0.48	0.7	69	0.06	F-BERGEN
2465.00		BULK	DC	429	0.03	0.45	0.7	64	0.06	F-BERGEN
2470.00		BULK	DC	424	0.04	0.48	0.7	69	0.08	F-BERGEN
2475.00		BULK	DC	432	0.03	0.54	0.7	77	0.05	F-BERGEN
2480.00		BULK	DC	432	0.03	0.65	0.7	93	0.04	F-BERGEN
2485.00		BULK	DC	433	0.03	0.51	0.7	73	0.06	F-BERGEN
2490.00		BULK	DC	433	0.03	0.54	0.7	77	0.05	F-BERGEN
2495.00		BULK	DC	431	0.03	0.55	0.7	79	0.05	F-BERGEN
2500.00		BULK	DC	431	0.03	0.47	0.7	67	0.06	F-BERGEN
2505.00		BULK	DC	432	0.03	0.57	0.7	81	0.05	F-BERGEN
2510.00		BULK	DC	427	0.04	0.42	0.7	60	0.09	F-BERGEN
2515.00		BULK	DC	432	0.03	0.44	0.7	63	0.06	F-BERGEN
2520.00		BULK	DC	430	0.03	0.44	0.7	63	0.06	F-BERGEN
2525.00		BULK	DC	431	0.03	0.53	0.7	76	0.05	F-BERGEN
2530.00		BULK	DC	430	0.03	0.46	0.7	66	0.06	F-BERGEN
2535.00		BULK	DC	429	0.03	0.41	0.7	59	0.07	F-BERGEN
2540.00		BULK	DC	425	0.05	0.63	0.7	90	0.07	F-BERGEN
2545.00		BULK	DC	431	0.05	0.54	0.8	68	0.08	F-BERGEN
2550.00		BULK	DC	434	0.13	0.81	0.9	90	0.14	F-BERGEN
2555.00		BULK	DC	434	0.17	0.95	0.9	106	0.15	F-BERGEN
2560.00		BULK	DC	433	0.11	0.79	0.9	88	0.12	F-BERGEN
2565.00		BULK	DC	432	0.13	0.82	0.9	91	0.14	F-BERGEN
2570.00		BULK	DC	431	0.07	0.67	0.8	84	0.09	F-BERGEN
2575.00		BULK	DC	433	0.13	0.85	0.9	94	0.13	F-BERGEN
2580.00		BULK	DC	434	0.09	0.65	0.8	81	0.12	F-BERGEN
2585.00		BULK	DC	431	0.09	0.61	0.8	76	0.13	F-BERGEN
2590.00		BULK	DC	433	0.20	0.88	0.9	98	0.19	F-BERGEN
2595.00		BULK	DC	429	0.21	0.87	0.9	97	0.19	F-BERGEN
2600.00		BULK	DC	434	0.27	0.89	0.9	99	0.23	F-BERGEN
2605.00		BULK	DC	435	0.05	0.49	0.7	70	0.09	F-BERGEN
2610.00		BULK	DC	429	0.23	0.92	0.9	102	0.20	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2615.00		BULK	DC	433	0.19	0.77	1.0	77	0.20	F-BERGEN
2620.00		BULK	DC	432	0.23	0.85	1.0	85	0.21	F-BERGEN
2625.00		BULK	DC	433	0.23	0.81	0.9	90	0.22	F-BERGEN
2630.00		BULK	DC	433	0.17	0.70	0.9	78	0.20	F-BERGEN
2635.00		BULK	DC	433	0.17	0.73	0.9	81	0.19	F-BERGEN
2640.00		BULK	DC	434	0.19	0.81	0.9	90	0.19	F-BERGEN
2645.00		BULK	DC	434	0.25	0.83	0.9	92	0.23	F-BERGEN
2650.00		BULK	DC	434	0.17	0.75	0.9	83	0.18	F-BERGEN
2655.00		BULK	DC	433	0.13	0.65	0.8	81	0.17	F-BERGEN
2660.00		BULK	DC	434	0.19	0.75	0.9	83	0.20	F-BERGEN
2665.00		BULK	DC	431	0.22	0.76	0.9	84	0.22	F-BERGEN
2670.00		BULK	DC	432	0.20	0.72	0.9	80	0.22	F-BERGEN
2675.00		BULK	DC	430	0.19	0.57	0.8	71	0.25	F-BERGEN
2680.00		BULK	DC	433	0.29	0.80	0.9	89	0.27	F-BERGEN
2685.00		BULK	DC	433	0.25	0.67	0.9	74	0.27	F-BERGEN
2690.00		BULK	DC	431	0.25	0.64	0.8	80	0.28	F-BERGEN
2695.00		BULK	DC	432	0.27	0.80	0.9	89	0.25	F-BERGEN
2700.00		BULK	DC	433	0.24	0.80	0.9	89	0.23	F-BERGEN
2705.00		BULK	DC	434	0.29	0.84	0.9	93	0.26	F-BERGEN
2710.00		BULK	DC	433	0.39	0.91	0.9	101	0.30	F-BERGEN
2715.00		BULK	DC	433	0.41	0.95	0.9	106	0.30	F-BERGEN
2720.00		BULK	DC	427	0.29	0.67	0.7	96	0.30	F-BERGEN
2725.00		BULK	DC	428	0.66	1.37	0.9	152	0.33	F-BERGEN
2730.00		BULK	DC	434	0.44	1.20	0.9	133	0.27	F-BERGEN
2735.00		BULK	DC	428	0.34	1.06	0.9	118	0.24	F-BERGEN
2740.00		BULK	DC	434	0.29	1.02	1.0	102	0.22	F-BERGEN
2745.00		BULK	DC	434	0.31	1.01	0.9	112	0.23	F-BERGEN
2750.00		BULK	DC	435	0.19	0.84	0.9	93	0.18	F-BERGEN
2755.00		BULK	DC	427	0.27	1.05	1.0	105	0.20	F-BERGEN
2760.00		BULK	DC	436	0.19	0.99	0.9	110	0.16	F-BERGEN
2765.00		BULK	DC	436	0.18	0.92	0.9	102	0.16	F-BERGEN
2770.00		BULK	DC	433	0.19	0.96	0.9	107	0.17	F-BERGEN
2775.00		BULK	DC	434	0.15	0.84	0.9	93	0.15	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2780.00		BULK	DC	481	0.27	0.31	0.1	310	0.47	F-BERGEN
2785.00		BULK	DC	436	0.14	0.82	1.0	82	0.15	F-BERGEN
2790.00		BULK	DC	436	0.15	0.76	0.9	84	0.16	F-BERGEN
2795.00		BULK	DC	435	0.15	0.75	1.0	75	0.17	F-BERGEN
2800.00		BULK	DC	435	0.17	0.79	1.0	79	0.18	F-BERGEN
2805.00		BULK	DC	434	0.21	0.93	1.1	85	0.18	F-BERGEN
2810.00		BULK	DC	434	0.25	0.83	1.0	83	0.23	F-BERGEN
2815.00		BULK	DC	434	0.29	0.83	1.0	83	0.26	F-BERGEN
2820.00		BULK	DC	433	0.27	0.83	1.0	83	0.25	F-BERGEN
2822.00		SST	SWC	477	0.58	0.50	0.2	313	0.54	F-BERGEN
2825.00		BULK	DC	430	0.37	0.90	1.0	90	0.29	F-BERGEN
2830.00		BULK	DC	432	0.35	0.87	1.0	87	0.29	F-BERGEN
2830.00		SST	COCH	500	1.37	0.29	0.2	126	0.83	F-BERGEN
2835.00		BULK	DC	432	0.59	0.51	0.7	73	0.54	F-BERGEN
2840.00		BULK	DC	432	0.91	0.62	0.7	89	0.59	F-BERGEN
2845.00		BULK	DC	429	0.45	0.43	0.6	72	0.51	F-BERGEN
2850.00		BULK	DC	429	0.47	0.43	0.6	72	0.52	F-BERGEN
2855.00		BULK	DC	434	0.39	0.67	0.9	74	0.37	F-BERGEN
2860.00		BULK	DC	434	0.25	0.70	0.9	78	0.26	F-BERGEN
2865.00		BULK	DC	429	0.37	0.88	1.0	88	0.30	F-BERGEN
2870.00		BULK	DC	436	0.32	0.80	0.9	89	0.29	F-BERGEN
2875.00		BULK	DC	433	0.27	0.71	0.9	79	0.28	F-BERGEN
2880.00		BULK	DC	434	0.42	0.79	0.9	88	0.35	F-BERGEN
2885.00		BULK	DC	433	0.29	0.67	0.9	74	0.30	F-BERGEN
2890.00		BULK	DC	430	0.30	0.72	0.9	80	0.29	F-BERGEN
2895.00		BULK	DC	431	0.26	0.66	1.0	66	0.28	F-BERGEN
2900.00		BULK	DC	437	0.29	0.79	1.0	79	0.27	F-BERGEN
2905.00		BULK	DC	436	0.31	0.83	1.0	83	0.27	F-BERGEN
2910.00		BULK	DC	433	0.39	0.79	0.9	88	0.33	F-BERGEN
2915.00		BULK	DC	430	0.57	0.67	0.9	74	0.46	F-BERGEN
2920.00		BULK	DC	431	0.48	0.74	0.9	82	0.39	F-BERGEN
2925.00		BULK	DC	431	0.41	0.61	0.9	68	0.40	F-BERGEN
2930.00		BULK	DC	433	0.39	0.73	0.9	81	0.35	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
2935.00		BULK	DC	433	0.36	0.58	0.8	73	0.38	F-BERGEN
2940.00		BULK	DC	434	0.44	0.62	0.8	78	0.42	F-BERGEN
2945.00		BULK	DC	435	0.42	0.64	1.0	64	0.40	F-BERGEN
2950.00		BULK	DC	437	0.46	0.64	0.9	71	0.42	F-BERGEN
2955.00		BULK	DC	434	0.51	0.57	0.8	71	0.47	F-BERGEN
2960.00		BULK	DC	435	0.39	0.59	0.8	74	0.40	F-BERGEN
2965.00		BULK	DC	434	0.42	0.54	0.7	77	0.44	F-BERGEN
2970.00		BULK	DC	436	0.27	0.59	0.8	74	0.31	F-BERGEN
2975.00		BULK	DC	436	0.33	0.69	0.9	77	0.32	F-BERGEN
2980.00		BULK	DC	435	0.31	0.73	0.8	91	0.30	F-BERGEN
2985.00		BULK	DC	436	0.29	0.77	0.9	86	0.27	F-BERGEN
2990.00		BULK	DC	439	0.46	1.06	1.1	96	0.30	F-BERGEN
2990.00		BULK	DC	430	0.56	1.01	0.3	316	0.36	F-BERGEN
2995.00		BULK	DC	439	0.38	0.86	1.0	86	0.31	F-BERGEN
2995.00		BULK	DC	429	0.59	0.99	0.2	471	0.37	F-BERGEN
3000.00		BULK	DC	438	0.59	0.97	0.9	103	0.38	F-BERGEN
3005.00		BULK	DC	437	0.52	0.90	0.9	95	0.37	F-BERGEN
3010.00		BULK	DC	439	0.55	1.05	1.0	103	0.34	F-BERGEN
3015.00		BULK	DC	439	0.55	1.03	1.0	103	0.35	F-BERGEN
3020.00		BULK	DC	440	0.51	0.96	1.0	97	0.35	F-BERGEN
3025.00		BULK	DC	440	0.42	0.91	1.0	94	0.32	F-BERGEN
3030.00		BULK	DC	439	0.61	0.98	1.0	98	0.38	F-BERGEN
3035.00		BULK	DC	440	0.56	0.92	1.0	88	0.38	F-BERGEN
3040.00		BULK	DC	439	0.60	1.05	1.1	95	0.36	F-BERGEN
3045.00		BULK	DC	441	0.56	1.13	1.1	101	0.33	F-BERGEN
3050.00		BULK	DC	436	0.45	0.99	1.0	101	0.31	F-BERGEN
3055.00		BULK	DC	439	0.56	0.94	1.0	94	0.37	F-BERGEN
3060.00		BULK	DC	434	0.53	0.91	1.0	90	0.37	F-BERGEN
3065.00		BULK	DC	439	0.46	0.88	1.0	86	0.34	F-BERGEN
3070.00		BULK	DC	436	0.50	1.05	1.0	106	0.32	F-BERGEN
3075.00		BULK	DC	438	0.53	0.96	1.1	87	0.36	F-BERGEN
3080.00		BULK	DC	442	0.44	1.01	1.0	100	0.30	F-BERGEN
3085.00		BULK	DC	441	0.37	1.01	1.0	99	0.27	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
3090.00		BULK	DC	437	0.54	1.07	1.0	111	0.34	F-BERGEN
3095.00		BULK	DC	433	0.59	1.00	1.0	96	0.37	F-BERGEN
3100.00		BULK	DC	435	0.70	1.04	0.9	113	0.40	F-BERGEN
3105.00		BULK	DC	439	0.56	0.90	0.9	97	0.38	F-BERGEN
3110.00		BULK	DC	439	0.62	1.08	1.0	111	0.36	F-BERGEN
3115.00		BULK	DC	439	0.46	0.85	0.9	94	0.35	F-BERGEN
3120.00		BULK	DC	440	0.48	1.02	0.9	109	0.32	F-BERGEN
3125.00		BULK	DC	437	0.53	1.04	0.9	112	0.34	F-BERGEN
3130.00		BULK	DC	436	0.47	0.92	0.9	103	0.34	F-BERGEN
3135.00		BULK	DC	439	0.62	0.82	1.0	82	0.43	F-BERGEN
3140.00		BULK	DC	435	0.62	0.81	0.9	86	0.43	F-BERGEN
3145.00		BULK	DC	438	0.45	0.80	1.0	83	0.36	F-BERGEN
3150.00		BULK	DC	435	0.56	0.86	0.9	96	0.39	F-BERGEN
3155.00		BULK	DC	434	0.58	0.98	0.9	103	0.37	F-BERGEN
3160.00		BULK	DC	436	0.73	1.15	1.0	113	0.39	F-BERGEN
3165.00		BULK	DC	435	0.48	1.13	0.8	135	0.30	F-BERGEN
3170.00		BULK	DC	435	0.51	1.27	0.9	148	0.29	F-BERGEN
3175.00		BULK	DC	437	0.56	1.32	0.9	139	0.30	F-BERGEN
3180.00		BULK	DC	434	0.63	1.44	1.0	144	0.30	F-BERGEN
3185.00		BULK	DC	436	0.58	1.17	1.0	122	0.33	F-BERGEN
3190.00		BULK	DC	440	0.38	1.03	1.0	100	0.27	F-BERGEN
3195.00		BULK	DC	442	0.38	0.83	1.0	85	0.31	F-BERGEN
3200.00		BULK	DC	441	0.49	1.12	1.1	101	0.30	F-BERGEN
3202.00		BULK	DC	439	0.69	1.40	1.1	126	0.33	F-BERGEN
3205.00		BULK	DC	439	0.52	1.32	1.1	117	0.28	F-BERGEN
3207.00		BULK	DC	439	0.49	1.14	1.1	107	0.30	F-BERGEN
3210.00		BULK	DC	435	0.71	1.33	1.1	125	0.35	F-BERGEN
3212.00		BULK	DC	437	0.81	1.76	1.2	142	0.32	F-BERGEN
3215.00		BULK	DC	439	0.74	1.61	1.2	133	0.31	F-BERGEN
3217.00		BULK	DC	438	0.76	1.00	1.5	68	0.43	F-BERGEN
3220.00		BULK	DC	437	0.65	1.22	1.1	115	0.35	F-BERGEN
3225.00		BULK	DC	433	0.58	1.12	1.0	112	0.34	F-BERGEN
3227.00		BULK	DC	439	0.53	1.12	1.0	112	0.32	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
3230.00		BULK	DC	440	0.53	1.07	1.0	108	0.33	F-BERGEN
3232.00		BULK	DC	439	0.47	0.96	0.9	103	0.33	F-BERGEN
3235.00		BULK	DC	439	0.49	1.02	1.0	104	0.32	F-BERGEN
3237.00		BULK	DC	439	0.40	0.92	0.9	100	0.30	F-BERGEN
3240.00		BULK	DC	441	0.45	0.97	0.9	103	0.32	F-BERGEN
3242.00		BULK	DC	440	0.45	0.95	0.9	101	0.32	F-BERGEN
3245.00		BULK	DC	441	0.48	0.94	1.0	92	0.34	F-BERGEN
3247.00		BULK	DC	441	0.35	0.76	0.9	84	0.32	F-BERGEN
3250.00		BULK	DC	439	0.38	0.94	1.0	97	0.29	F-BERGEN
3252.00		BULK	DC	440	0.44	1.01	1.1	94	0.30	F-BERGEN
3255.00		BULK	DC	441	0.37	0.81	1.1	74	0.31	F-BERGEN
3257.00		BULK	DC	435	0.39	0.82	1.0	82	0.32	F-BERGEN
3260.00		BULK	DC	441	0.32	0.69	1.0	70	0.32	F-BERGEN
3262.00		BULK	DC	442	0.35	0.75	1.0	78	0.32	F-BERGEN
3265.00		BULK	DC	441	0.47	1.12	1.2	96	0.30	F-BERGEN
3267.00		BULK	DC	440	0.41	1.19	1.1	105	0.26	F-BERGEN
3270.00		BULK	DC	434	0.74	1.91	1.8	109	0.28	F-BERGEN
3272.00		BULK	DC	439	0.58	1.56	1.5	106	0.27	F-BERGEN
3275.00		BULK	DC	442	0.73	1.52	1.5	101	0.32	F-BERGEN
3277.00		BULK	DC	441	1.55	3.06	3.1	99	0.34	F-BERGEN
3280.00		BULK	DC	440	0.69	1.97	1.9	106	0.26	F-BERGEN
3282.00		BULK	DC	443	1.32	2.61	2.7	96	0.34	F-BERGEN
3284.00		SST	COCH	500	0.44	0.31	0.1	238	0.59	F-BERGEN
3285.00		BULK	DC	443	0.88	1.87	2.0	93	0.32	F-BERGEN
3286.00		SST	SWC		2.40	0.89	0.6	144	0.73	F-BERGEN
3287.00		BULK	DC	435	0.71	1.41	1.6	87	0.33	F-BERGEN
3290.00		BULK	DC	435	0.59	1.77	1.5	120	0.25	F-BERGEN
3290.00		SST	SWC	439	1.19	1.15	0.9	122	0.51	F-BERGEN
3292.00		BULK	DC	441	0.43	1.54	1.2	125	0.22	F-BERGEN
3295.00		BULK	DC	441	0.62	2.34	1.5	152	0.21	F-BERGEN
3297.00		BULK	DC	441	0.44	1.58	1.2	132	0.22	F-BERGEN
3300.00		BULK	DC	442	0.47	1.75	1.3	137	0.21	F-BERGEN
3302.00		BULK	DC	441	0.45	1.48	1.2	125	0.23	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
3305.00		BULK	DC	439	0.60	1.40	1.3	112	0.30	F-BERGEN
3307.00		BULK	DC	431	0.78	1.62	1.3	122	0.32	F-BERGEN
3310.00		BULK	DC	439	0.74	1.60	1.5	107	0.32	F-BERGEN
3312.00		BULK	DC	438	0.93	1.79	1.5	118	0.34	F-BERGEN
3315.00		BULK	DC	437	0.80	1.47	1.4	109	0.35	F-BERGEN
3317.00		BULK	DC	439	0.77	1.61	1.4	113	0.32	F-BERGEN
3320.00		BULK	DC	438	0.71	1.69	1.3	128	0.30	F-BERGEN
3322.00		BULK	DC	439	0.64	1.95	1.4	141	0.25	F-BERGEN
3325.00		BULK	DC	438	0.62	1.83	1.3	139	0.25	F-BERGEN
3327.00		BULK	DC	438	0.68	1.93	1.4	143	0.26	F-BERGEN
3330.00		BULK	DC	436	1.03	1.64	0.9	184	0.39	F-BERGEN
3332.00		BULK	DC	434	1.31	1.55	1.1	138	0.46	F-BERGEN
3335.50		SST	COCH		1.31	0.39	0.3	156	0.77	F-BERGEN
3345.00		BULK	DC	437	0.79	1.83	1.4	135	0.30	F-BERGEN
3347.00		BULK	DC	434	0.95	1.92	1.4	134	0.33	F-BERGEN
3350.00		BULK	DC	440	0.86	1.64	1.2	132	0.34	F-BERGEN
3352.00		BULK	DC	441	0.83	2.15	1.5	141	0.28	F-BERGEN
3355.00		BULK	DC	440	0.74	1.13	1.2	94	0.40	F-BERGEN
3370.00		BULK	DC	441	0.68	1.14	1.2	98	0.37	F-BERGEN
3375.00		BULK	DC	435	0.38	0.98	1.1	88	0.28	F-BERGEN
3380.00		BULK	DC	430	0.25	0.53	0.9	62	0.32	F-BERGEN
3382.00		BULK	DC	443	0.26	0.54	1.0	54	0.32	F-BERGEN
3385.00		BULK	DC	443	0.39	0.96	1.2	81	0.29	F-BERGEN
3387.00		CLYST	DC	443	0.93	2.87	1.9	149	0.24	F-BERGEN
3390.00		BULK	DC	440	0.77	2.75	1.7	166	0.22	F-BERGEN
3392.00		BULK	DC	442	0.58	1.28	1.1	111	0.31	F-BERGEN
3395.00		BULK	DC	442	0.91	2.64	1.5	181	0.26	F-BERGEN
3397.00		BULK	DC	443	0.87	2.90	1.6	181	0.23	F-BERGEN
3400.00		BULK	DC	442	0.93	2.59	1.5	169	0.26	F-BERGEN
3402.00		CLYST	DC	436	1.08	3.18	1.6	195	0.25	F-BERGEN
3405.00		BULK	DC	442	0.98	2.56	1.6	160	0.28	F-BERGEN
3407.00		CLYST	DC	442	0.96	2.57	1.6	163	0.27	F-BERGEN
3410.00		BULK	DC	442	0.75	1.88	1.4	138	0.29	F-BERGEN

TABLE: 3.1.1

Petroleum Geochemistry Group
Research Centre Bergen
HYDRO

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
3412.00		BULK	DC	442	0.76	1.94	1.4	139	0.28	F-BERGEN
3417.00		BULK	DC	444	0.65	1.89	1.3	142	0.26	F-BERGEN
3420.00		BULK	DC	441	0.56	0.91	1.1	86	0.38	F-BERGEN
3427.00		BULK	DC	442	0.48	1.18	1.1	110	0.29	F-BERGEN
3430.00		BULK	DC	442	0.54	0.83	1.0	81	0.39	F-BERGEN
3435.00		BULK	DC	442	0.48	1.26	1.1	112	0.28	F-BERGEN
3437.00		CLYST	DC	443	0.74	2.75	1.5	181	0.21	F-BERGEN
3440.00		BULK	DC	443	0.59	1.73	1.2	142	0.25	F-BERGEN
3445.00		BULK	DC	442	0.56	1.78	1.3	138	0.24	F-BERGEN
3450.00		BULK	DC	442	0.33	0.63	0.8	84	0.34	F-BERGEN
3452.00		BULK	DC	441	0.32	0.76	0.8	94	0.30	F-BERGEN
3455.00		BULK	DC	441	0.34	0.72	0.8	88	0.32	F-BERGEN
3460.00		BULK	DC	443	0.56	1.72	1.3	138	0.25	F-BERGEN
3465.00		CLYST	DC	438	0.62	2.21	1.2	180	0.22	F-BERGEN
3470.00		BULK	DC	444	0.34	0.72	0.9	77	0.32	F-BERGEN
3475.00		BULK	DC	442	0.48	1.85	1.3	148	0.21	F-BERGEN
3480.00		BULK	DC	443	0.37	1.02	1.0	101	0.27	F-BERGEN
3485.00		BULK	DC	443	0.38	1.04	1.0	99	0.27	F-BERGEN
3490.00		BULK	DC	442	0.42	1.15	1.1	108	0.27	F-BERGEN
3495.00		BULK	DC	435	0.37	0.74	0.9	80	0.33	F-BERGEN
3497.00		BULK	DC	435	0.36	0.50	0.8	61	0.42	F-BERGEN
3500.00		BULK	DC	441	0.27	0.52	0.8	63	0.34	F-BERGEN
3510.00		BULK	DC	441	0.28	0.55	0.8	70	0.34	F-BERGEN
3515.00		CLYST	DC	441	0.39	1.36	1.1	120	0.22	F-BERGEN
3520.00		BULK	DC	440	0.29	0.58	0.8	73	0.33	F-BERGEN
3525.00		BULK	DC	442	0.27	0.45	0.8	59	0.38	F-BERGEN
3527.00		BULK	DC	441	0.30	0.57	0.9	67	0.34	F-BERGEN
3530.00		BULK	DC	442	0.34	0.76	0.9	84	0.31	F-BERGEN
3535.00		BULK	DC	441	0.30	0.55	0.9	61	0.35	F-BERGEN
3540.00		BULK	DC	439	0.32	0.61	1.0	64	0.34	F-BERGEN
3545.00		BULK	DC	443	0.49	1.49	1.4	108	0.25	F-BERGEN
3550.00		BULK	DC	440	0.34	0.65	1.1	61	0.34	F-BERGEN
3555.00		BULK	DC	440	0.36	0.57	1.1	51	0.39	F-BERGEN

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
3560.00		BULK	DC	441	0.34	0.78	1.1	73	0.30	F-BERGEN
3565.00		BULK	DC	441	0.39	0.71	1.3	57	0.35	F-BERGEN
3570.00		BULK	DC	441	0.31	0.43	1.1	38	0.42	F-BERGEN
3572.00		BULK	DC	440	0.38	0.40	1.4	29	0.49	F-BERGEN
3580.00		BULK	DC	445	0.56	1.36	1.8	74	0.29	F-BERGEN
3585.00		BULK	DC	445	0.69	1.96	2.2	91	0.26	F-BERGEN
3590.00		BULK	DC	444	0.45	0.80	1.5	52	0.36	F-BERGEN
3595.00		CLYST	DC	442	0.85	2.80	2.9	96	0.23	F-BERGEN
3600.00		CLYST	DC	443	1.00	4.04	3.4	118	0.20	F-BERGEN
3605.00		BULK	DC	445	0.70	2.10	2.1	100	0.25	F-BERGEN
3610.00		BULK	DC	444	0.66	1.64	2.0	80	0.29	F-BERGEN
3615.00		BULK	DC	444	0.65	1.62	2.0	81	0.29	F-BERGEN
3617.00		BULK	DC	445	0.72	1.96	2.4	82	0.27	F-BERGEN
3620.00		BULK	DC	443	0.51	0.80	1.7	48	0.39	F-BERGEN
3625.00		BULK	DC	445	0.51	1.20	2.0	59	0.30	F-BERGEN
3627.00		BULK	DC	445	0.63	1.40	2.2	63	0.31	F-BERGEN
3630.00		CLYST	DC	447	0.74	1.93	2.7	72	0.28	F-BERGEN
3632.00		BULK	DC	447	0.65	1.78	2.5	70	0.27	F-BERGEN
3635.00		BULK	DC	446	0.52	1.27	2.0	64	0.29	F-BERGEN
3637.00		BULK	DC	444	0.53	0.94	1.6	58	0.36	F-BERGEN
3640.00		BULK	DC	445	0.57	1.20	1.9	65	0.32	F-BERGEN
3642.00		BULK	DC	445	0.58	1.29	2.1	63	0.31	F-BERGEN
3645.00		BULK	DC	445	0.40	0.64	1.8	36	0.38	F-BERGEN
3650.00		BULK	DC	446	0.56	1.45	2.4	60	0.28	F-BERGEN
3652.00		BULK	DC	446	0.59	1.45	2.5	58	0.29	F-BERGEN
3655.00		BULK	DC	445	0.53	1.17	2.3	52	0.31	F-BERGEN
3660.00		BULK	DC	445	0.56	0.87	2.0	43	0.39	F-BERGEN
3665.00		BULK	DC	433	0.41	0.49	1.7	29	0.46	F-BERGEN
3667.00		BULK	DC	443	0.36	0.50	1.4	37	0.42	F-BERGEN
3670.00		BULK	DC	425	0.21	0.27	0.8	34	0.44	F-BERGEN
3672.00		BULK	DC	401	0.23	0.28	0.8	33	0.45	F-BERGEN
3685.00		BULK	DC	447	13.03	55.39	20.0	277	0.19	F-BERGEN
3687.00		SST	COCH		0.38	0.42	0.2	280	0.48	F-BERGEN

TABLE: 3.1.1

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
3690.00		BULK	DC	444	0.52	1.00	1.0	104	0.34	F-BERGEN
3692.00		BULK	DC	433	3.46	9.26	4.8	195	0.27	F-BERGEN
3695.00		BULK	DC	436	1.03	2.18	1.7	126	0.32	F-BERGEN
3700.00		BULK	DC	441	0.73	1.19	1.2	101	0.38	F-BERGEN
3705.00		BULK	DC	446	0.55	1.02	1.3	81	0.35	F-BERGEN
3707.00		BULK	DC	445	0.44	0.82	1.0	85	0.35	F-BERGEN
3710.00		BULK	DC	443	0.38	0.78	1.0	76	0.33	F-BERGEN
3712.00		BULK	DC	442	0.53	0.72	0.9	85	0.42	F-BERGEN
3715.00		BULK	DC	448	0.34	0.62	0.8	74	0.35	F-BERGEN
3720.00		BULK	DC	440	0.94	0.98	0.9	110	0.49	F-BERGEN
3722.00		CLYST	DC	431	0.79	0.88	0.8	106	0.47	F-BERGEN
3725.00		BULK	DC		0.21	0.15	0.8	19	0.58	F-BERGEN
3727.00		BULK	DC	432	0.23	0.17	1.0	17	0.57	F-BERGEN
3730.00		BULK	DC		0.25	0.23	1.1	20	0.52	F-BERGEN
3732.00		BULK	DC		0.35	0.29	1.5	19	0.55	F-BERGEN
3735.00		BULK	DC		0.35	0.33	1.3	25	0.51	F-BERGEN
3740.00		BULK	DC	444	0.96	1.46	1.0	151	0.40	F-BERGEN
3745.00		CLYST	DC	439	1.47	1.68	1.3	133	0.47	F-BERGEN
3750.00		BULK	DC	439	0.75	1.63			0.32	F-BERGEN
3755.00		BULK	DC	442	0.70	1.27	1.0	123	0.36	F-BERGEN
3760.00		BULK	DC	443	0.57	1.31	0.9	151	0.30	F-BERGEN
3765.00		BULK	DC	444	0.43	0.88	0.8	110	0.33	F-BERGEN
3770.00		BULK	DC	444	0.29	0.52	0.6	93	0.36	F-BERGEN
3771.00		SST	COCH		0.10	0.28	0.1	200	0.26	F-BERGEN
3780.00		BULK	DC	449	0.17	0.11	0.2	52	0.61	F-BERGEN
3785.00		CLYST	DC	446	0.80	1.31	0.7	198	0.38	F-BERGEN
3790.00		BULK	DC	448	0.17	0.41	0.5	87	0.29	F-BERGEN
3795.00		BULK	DC	448	0.21	0.87	0.8	105	0.19	F-BERGEN
3800.00		BULK	DC	449	0.27	0.86	1.0	87	0.24	F-BERGEN
3810.00		COAL	DC	450	15.19	98.87	43.6	227	0.13	F-BERGEN
3820.00		BULK	DC	450	7.88	49.80	22.9	218	0.14	F-BERGEN
3825.00		BULK	DC	447	3.08	16.79	9.9	170	0.16	F-BERGEN
3827.00		BULK	DC	449	1.05	4.04	3.4	120	0.21	F-BERGEN

TABLE: 3.1.1

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
3830.00		BULK	DC	448	4.23	26.95	12.9	209	0.14	F-BERGEN
3832.00		BULK	DC	451	10.27	68.01	29.8	228	0.13	F-BERGEN
3835.00		COAL	DC	451	14.88	96.64	41.6	232	0.13	F-BERGEN
3840.00		BULK	DC	449	8.19	52.01	22.8	228	0.14	F-BERGEN
3845.00		BULK	DC	449	1.64	6.79	4.9	140	0.19	F-BERGEN
3847.00		BULK	DC	448	2.90	13.75	7.6	180	0.17	F-BERGEN
3852.00		BULK	DC	446	2.66	11.86	7.2	166	0.18	F-BERGEN
3855.00		BULK	DC	451	13.23	81.80	37.7	217	0.14	F-BERGEN
3857.00		BULK	DC	450	6.20	45.78	19.3	237	0.12	F-BERGEN
3860.00		BULK	DC	451	4.28	27.08	12.8	212	0.14	F-BERGEN
3862.00		COAL	DC	447	15.96	110.20	50.2	220	0.13	F-BERGEN
3865.00		BULK	DC	451	10.07	65.11	29.2	223	0.13	F-BERGEN
3867.00		BULK	DC	451	11.17	75.81	31.9	238	0.13	F-BERGEN
3870.00		BULK	DC	452	15.53	99.24	44.7	222	0.14	F-BERGEN
3872.00		BULK	DC	452	15.62	101.13	45.4	223	0.13	F-BERGEN
3875.00		COAL	DC	452	17.46	127.25	49.1	259	0.12	F-BERGEN
3877.00		BULK	DC	451	5.78	36.74	15.9	230	0.14	F-BERGEN
3880.00		BULK	DC	453	4.74	30.39	13.5	225	0.13	F-BERGEN
3882.00		BULK	DC	452	6.28	40.00	17.9	223	0.14	F-BERGEN
3885.00		COAL	DC	453	18.52	108.33	51.9	209	0.15	F-BERGEN
3890.00		BULK	DC	451	5.87	36.56	17.3	211	0.14	F-BERGEN
3892.00		BULK	DC	450	2.96	15.59	8.9	176	0.16	F-BERGEN
3895.00		BULK	DC	452	3.04	16.50	10.1	163	0.16	F-BERGEN
3897.00		BULK	DC	453	4.17	24.77	13.2	188	0.14	F-BERGEN
3900.00		BULK	DC	453	5.83	38.54	18.7	206	0.13	F-BERGEN
3905.00		BULK	DC	453	7.79	48.07	23.5	205	0.14	F-BERGEN
3910.00		BULK	DC	453	3.71	19.44	11.5	169	0.16	F-BERGEN
3912.00		BULK	DC	454	7.22	44.93	19.3	232	0.14	F-BERGEN
3915.00		BULK	DC	453	9.74	69.43	31.1	223	0.12	F-BERGEN
3920.00		BULK	DC	451	7.18	52.44	24.1	218	0.12	F-BERGEN
3924.50		COAL	COCH	450	20.57	170.57	81.4	210	0.11	F-BERGEN
3926.75		SST	COCH		0.80	0.46	0.3	184	0.63	F-BERGEN
3935.00		BULK	DC	453	11.29	75.45	35.1	215	0.13	F-BERGEN

Petroleum Geochemistry Group
Research Centre Bergen
HYDRO

ROCK EVAL SCREENING DATA, WELL 6507/2-2 (cont'd)

Depth (m)	Group/Fm.	Lithology	Type	Tmax DegC	S1 kg/t	S2 kg/t	TOC %	HI	PI	Analysing Company
3940.00		BULK	DC	453	6.88	46.72	24.0	195	0.13	F-BERGEN
3945.00		BULK	DC	454	12.09	83.08	38.7	215	0.13	F-BERGEN
3950.00		BULK	DC	453	9.71	67.95	31.4	217	0.13	F-BERGEN
3955.00		COAL	DC	456	14.15	92.27	44.1	209	0.13	F-BERGEN

ROCK EVAL/TOC-VALUES BEFORE AND AFTER EXTRACTION
WELL 6507/2-2

START DEPTH (M)	END DEPTH (M)	GR/FM	TYPE	LITHOLOGY	BEFORE EXTR. AFTER EXTR.	S1 KG/TONNE	S2 KG/TONNE	Tmax	TOC %	HI
2822.00	3830.00		SWC	SST	BEFORE	0.58	0.50		0.16	312
2822.00	3830.00		"	"	AFTER	0.01	0.14		0.14	92
2830.00	3830.00		COCH	"	BEFORE	1.37	0.29		0.23	126
2830.00	3830.00		"	"	AFTER	0.00	0.07		0.12	58
3284.00	3284.00		COCH	"	BEFORE	0.44	0.31		0.13	238
3284.00	3284.00		"	"	AFTER	0.05	0.05		0.10	50
3286.00	3286.00	"	SWC	"	BEFORE	2.40	0.89		0.62	143
3286.00	3286.00	"	"	"	AFTER	0.09	0.37		0.40	92
3290.00	3290.00	"	"	"	BEFORE	1.19	1.15		0.94	122
3290.00	3290.00	"	"	"	AFTER	0.09	0.69		0.82	84
3335.50	3335.50		COCH	"	BEFORE	1.31	0.39		0.25	156
3335.50	3335.50		"	"	AFTER	0.08	0.08		0.13	61
3385.00	3387.00		DC	CLYST(BULK)	BEFORE	0.93	2.87	443	1.90	149
3385.00	3387.00		"	"	AFTER	0.08	1.78	441	1.61	110
3400.00	3402.00		"	"	BEFORE	1.08	3.18	436	1.60	195
3400.00	3402.00		"	"	AFTER	0.07	2.19	443	1.41	155
3405.00	3407.00		"	"	BEFORE	0.96	2.57	442	1.60	163
3405.00	3407.00		"	"	AFTER	0.05	0.83	442	0.81	102
3435.00	3437.00		"	"	BEFORE	0.74	2.75	443	1.50	181
3435.00	3437.00		"	"	AFTER	0.03	2.04	442	1.30	156
3463.00	3465.00		"	"	BEFORE	0.62	2.21	438	1.20	180
3463.00	3465.00		"	"	AFTER	0.06	1.06	443	0.92	115
3512.00	3515.00		"	"	BEFORE	0.39	1.36	441	1.10	120
3512.00	3515.00		"	"	AFTER	0.05	0.53	442	0.70	75
3592.00	3595.00		"	"	BEFORE	0.85	2.80	442	2.90	96
3592.00	3595.00		"	"	AFTER	0.04	0.44	447	0.36	122
3597.00	3600.00	"	"	"	BEFORE	1.00	4.04	443	3.40	118
3597.00	3600.00	"	"	"	AFTER	0.10	2.42	444	3.01	80
3627.00	3630.00	"	"	"	BEFORE	0.74	1.93	447	2.70	72
3627.00	3630.00	"	"	"	AFTER	0.07	0.77	444	1.74	44
3687.00	3687.00		COCH	SST	BEFORE	0.38	0.42		0.15	280
3687.00	3687.00		"	"	AFTER	0.12	0.16		0.05	320
3720.00	3722.00		DC	CLYST(BULK)	BEFORE	0.79	0.88	431	0.80	106
3720.00	3722.00		"	"	AFTER	0.01	0.19	443	0.26	73
3742.00	3745.00		"	"	BEFORE	1.47	1.68	439	1.30	133
3742.00	3745.00		"	"	AFTER	0.06	0.52	441	0.71	73

TABLE 3.1.2

ROCK EVAL/TOC-VALUES BEFORE AND AFTER EXTRACTION
WELL 6507/2-2

START DEPTH (M)	END DEPTH (M)	GR/FM	TYPE	LITHOLOGY	BEFORE EXTR. AFTER EXTR.	S1 KG/TONNE	S2 KG/TONNE	Tmax	TOC %	HI
3771.00	3771.00		COCH	SST	BEFORE	0.10	0.28		0.10	200
3771.00	3771.00		"	"	AFTER	0.08	0.12		0.08	150
3782.00	3785.00		DC	CLYST(BULK)	BEFORE	0.80	1.31	446	0.66	198
3782.00	3785.00		"	"	AFTER	0.03	0.60	437	0.42	142
3807.00	3810.00		"	COAL	BEFORE	15.19	98.87	450	43.60	227
3807.00	3810.00		"	"	AFTER	2.37	83.89	449	30.82	272
3832.00	3835.00		"	"	BEFORE	14.88	96.64	451	41.60	232
3832.00	3835.00		"	"	AFTER	1.05	57.89	448	38.73	149
3860.00	3862.00		"	"	BEFORE	15.96	110.19	447	50.19	219
3860.00	3862.00		"	"	AFTER	3.20	110.75	448	53.17	208
3872.00	3875.00		"	"	BEFORE	17.46	127.25	452	49.10	259
3872.00	3875.00		"	"	AFTER	1.23	101.72	447	38.73	262
3882.00	3885.00		"	"	BEFORE	18.52	108.33	453	51.90	209
3882.00	3885.00		"	"	AFTER	1.29	96.29	448	47.90	201
3924.50	3924.50		COCH	"	BEFORE	20.57	170.57	450	81.39	209
3924.50	3924.50		"	"	AFTER	7.02	154.89	447	75.71	204
3926.75	3926.75		"	SST	BEFORE	0.80	0.46		0.30	184
3926.75	3926.75	"	"	"	AFTER	0.03	0.05		0.06	83
3952.00	3955.00	"	DC	CLYST(BULK)	BEFORE	14.15	92.27	456	44.10	209
3952.00	3955.00	"	"	"	AFTER	1.66	76.50	452	39.43	194

Petroleum Geochemistry Group
Research Centre Bergen
HYDRO

SEDIMENT EXTRACTION WEIGHTS, WELL 6507/2-2

Depth (m)	Group/Fm.	Lithology	Type	Rock (g)	EOM (mg)	SAT (mg)	ARO (mg)	POL (mg)	ASP (mg)	Analysing Company
2822.00		SST	SWC	14.1	15.0	3.9	1.3	1.2	1.2	F-BERGEN
2830.00		SST	COCH	20.4	34.9	16.6	3.5	2.5	0.4	F-BERGEN
3284.00		SST	COCH	22.3	12.4	4.3	1.4	0.7	1.2	F-BERGEN
3286.00		SST	SWC	10.4	19.1	5.5	2.5	1.4	1.4	F-BERGEN
3290.00		SST	SWC	13.9	20.2	6.1	4.1	2.8	2.2	F-BERGEN
3335.50		SST	COCH	16.9	28.6	13.7	4.0	1.7	1.5	F-BERGEN
3387.00		CLYST	DC	12.1	39.8	7.5	5.3	4.4	10.8	F-BERGEN
3402.00		CLYST	DC	11.9	26.6	4.6	3.3	6.3	6.4	F-BERGEN
3407.00		CLYST	DC	11.1	22.7	6.0	3.4	3.2	4.8	F-BERGEN
3437.00		CLYST	DC	6.1	12.5	1.7	1.8	2.0	4.3	F-BERGEN
3465.00		CLYST	DC	11.0	19.0	3.0	2.7	2.9	7.1	F-BERGEN
3515.00		CLYST	DC	8.7	12.6	2.6	1.1	1.8	3.8	F-BERGEN
3595.00		CLYST	DC	7.3	4.8	1.5	0.4	0.9	1.0	F-BERGEN
3600.00		CLYST	DC	3.7	13.8	1.7	2.0	2.1	5.4	F-BERGEN
3630.00		CLYST	DC	13.7	39.7	9.9	6.7	5.2	6.3	F-BERGEN
3687.00		SST	COCH	23.5	16.8	5.0	1.5	1.0	1.8	F-BERGEN
3722.00		CLYST	DC	10.9	17.7	3.7	1.4	0.9	2.6	F-BERGEN
3745.00		CLYST	DC	11.2	27.3	8.7	3.7	3.6	3.3	F-BERGEN
3771.00		SST	COCH	16.1	4.1	1.1	0.5	0.8	0.7	F-BERGEN
3785.00		CLYST	DC	6.3	20.5	1.7	2.8	2.9	9.0	F-BERGEN
3810.00		COAL	DC	1.1	30.2	1.4	5.4	2.2	13.6	F-BERGEN
3835.00		COAL	DC	1.0	21.6	0.7	3.3	2.0	12.6	F-BERGEN
3862.00		COAL	DC	1.0	32.5	0.9	4.8	1.6	16.9	F-BERGEN
3875.00		COAL	DC	1.1	23.5	1.1	4.3	2.6	11.1	F-BERGEN
3885.00		COAL	DC	1.1	26.1	1.8	5.5	2.8	10.7	F-BERGEN
3924.50		COAL	COCH	1.0	12.3	1.1	2.7	0.7	2.3	F-BERGEN
3926.75		SST	COCH	14.3	17.3	7.4	1.7	1.5	0.7	F-BERGEN
3955.00		COAL	DC	0.9	17.7	1.3	3.3		8.3	F-BERGEN

Petroleum Geochemistry Group
Research Centre Bergen
HYDRO

OIL COMPOSITION WEIGHTS, WELL 6507/2-2

Depth	Group/Fm.	Name	OIL	SAT	ARO	POL	ASP	Analysing Company
2831.0		DST # 2	98.5	7.2	0.8	0.3	0.0	F-BERGEN
3294.0		DST # 1A	96.8	5.6	1.2	0.3	0.0	F-BERGEN

Petroleum Geochemistry Group
Research Centre Bergen
HYDRO

SEDIMENT EXTRACTION PERCENTAGES (GRAVIMETRIC), WELL 6507/2-2

Depth (m)	Group/Fm.	Lithology	Type	EOM (mg)	EOM (%)	Hydrocarbons (%) SAT	ARO	TOTAL	Non Hydrocarbons (%) POL	ASP	TOTAL	Analysing Company
2822.00		SST	SWC	15.0	0.1	56.1	18.7	74.8	17.3	8.0	25.3	F-BERGEN
2830.00		SST	COCH	34.9	0.2	72.6	15.3	87.9	10.9	1.1	12.1	F-BERGEN
3284.00		SST	COCH	12.4	0.1	60.7	19.8	80.4	9.9	9.7	19.6	F-BERGEN
3286.00		SST	SWC	19.1	0.2	54.2	24.6	78.9	13.8	7.3	21.1	F-BERGEN
3290.00		SST	SWC	20.2	0.1	41.8	28.1	69.9	19.2	10.9	30.1	F-BERGEN
3335.50		SST	COCH	28.6	0.2	66.9	19.5	86.5	8.3	5.2	13.5	F-BERGEN
3387.00		CLYST	DC	39.8	0.3	31.8	22.5	54.2	18.6	27.1	45.8	F-BERGEN
3402.00		CLYST	DC	26.6	0.2	24.6	17.6	42.2	33.7	24.1	57.8	F-BERGEN
3407.00		CLYST	DC	22.7	0.2	37.5	21.3	58.8	20.0	21.1	41.2	F-BERGEN
3437.00		CLYST	DC	12.5	0.2	20.3	21.5	41.7	23.9	34.4	58.3	F-BERGEN
3465.00		CLYST	DC	19.0	0.2	21.8	19.7	41.5	21.1	37.4	58.5	F-BERGEN
3515.00		CLYST	DC	12.6	0.1					30.2	30.2	F-BERGEN
3595.00		CLYST	DC	4.8	0.1	42.4	11.3	53.7	25.4	20.8	46.3	F-BERGEN
3600.00		CLYST	DC	13.8	0.4	17.8	21.0	38.8	22.0	39.1	61.2	F-BERGEN
3630.00		CLYST	DC	39.7	0.3	38.2	25.9	64.1	20.1	15.9	35.9	F-BERGEN
3687.00		SST	COCH	16.8	0.1	59.5	17.9	77.4	11.9	10.7	22.6	F-BERGEN
3722.00		CLYST	DC	17.7	0.2	52.6	19.9	72.5	12.8	14.7	27.5	F-BERGEN
3745.00		CLYST	DC	27.3	0.2	47.8	20.3	68.1	19.8	12.1	31.9	F-BERGEN
3771.00		SST	COCH	4.1	0.0	38.0	17.3	55.3	27.6	17.1	44.7	F-BERGEN
3785.00		CLYST	DC	20.5	0.3	12.9	21.2	34.1	22.0	43.9	65.9	F-BERGEN
3810.00		COAL	DC	30.2	2.8	8.6	33.0	41.5	13.4	45.0	58.5	F-BERGEN
3835.00		COAL	DC	21.6	2.1	4.9	22.9	27.8	13.9	58.3	72.2	F-BERGEN
3862.00		COAL	DC	32.5	3.2	5.9	31.6	37.5	10.5	52.0	62.5	F-BERGEN
3875.00		COAL	DC	23.5	2.1	7.3	28.4	35.6	17.1	47.2	64.4	F-BERGEN
3885.00		COAL	DC	26.1	2.3	10.5	32.1	42.6	16.4	41.0	57.4	F-BERGEN
3924.50		COAL	COCH	12.3	1.2	19.9	48.8	68.7	12.6	18.7	31.3	F-BERGEN
3926.75		SST	COCH	17.3	0.1	67.0	15.4	82.4	13.6	4.0	17.6	F-BERGEN
3955.00		COAL	DC	17.7	2.1					46.9	46.9	F-BERGEN

SEDIMENT EXTRACTION RATIOS (GRAVIMETRIC), WELL 6507/2-2

Depth (m)	Group/Fm.	Lithology	Type	TOC (%)	EOM/TOC (%)	SAT/TOC (%)	SAT/ARO (%)	HC/Non HC (%)	Analysing Company
2822.00		SST	SWC	0.2	0.7	350.4	3.0	3.0	F-BERGEN
2830.00		SST	COCH	0.2	0.7	315.7	4.7	7.3	F-BERGEN
3284.00		SST	COCH	0.1	0.4	466.8	3.1	4.1	F-BERGEN
3286.00		SST	SWC	0.6	0.3	87.5	2.2	3.7	F-BERGEN
3290.00		SST	SWC	0.9	0.2	44.5	1.5	2.3	F-BERGEN
3335.50		SST	COCH	0.3	0.7	267.7	3.4	6.4	F-BERGEN
3387.00		CLYST	DC	1.9	0.2	16.5	1.4	1.2	F-BERGEN
3402.00		CLYST	DC	1.6	0.1	15.1	1.4	0.7	F-BERGEN
3407.00		CLYST	DC	1.6	0.1	23.8	1.8	1.4	F-BERGEN
3437.00		CLYST	DC	1.5	0.1	13.3	0.9	0.7	F-BERGEN
3465.00		CLYST	DC	1.2	0.1	17.8	1.1	0.7	F-BERGEN
3515.00		CLYST	DC	1.1	0.1				F-BERGEN
3595.00		CLYST	DC	2.9	0.0	14.6	3.8	1.2	F-BERGEN
3600.00		CLYST	DC	3.4	0.1	5.2	0.9	0.6	F-BERGEN
3630.00		CLYST	DC	2.7	0.1	14.2	1.5	1.8	F-BERGEN
3687.00		SST	COCH	0.2	0.5	396.8	3.3	3.4	F-BERGEN
3722.00		CLYST	DC	0.8	0.2	63.4	2.6	2.6	F-BERGEN
3745.00		CLYST	DC	1.3	0.2	37.9	2.4	2.1	F-BERGEN
3771.00		SST	COCH	0.1	0.2	271.5	2.2	1.2	F-BERGEN
3785.00		CLYST	DC	0.7	0.5	19.5	0.6	0.5	F-BERGEN
3810.00		COAL	DC	43.6	0.1	0.2	0.3	0.7	F-BERGEN
3835.00		COAL	DC	41.6	0.1	0.1	0.2	0.4	F-BERGEN
3862.00		COAL	DC	50.2	0.1	0.1	0.2	0.6	F-BERGEN
3875.00		COAL	DC	49.1	0.0	0.1	0.3	0.6	F-BERGEN
3885.00		COAL	DC	51.9	0.0	0.2	0.3	0.7	F-BERGEN
3924.50		COAL	COCH	81.4	0.0	0.2	0.4	2.2	F-BERGEN
3926.75		SST	COCH	0.3	0.5	267.9	4.4	4.7	F-BERGEN
3955.00		COAL	DC	44.1	0.0				F-BERGEN

TABLE: 3.2.3

OIL COMPOSITION RATIOS (GRAVIMETRIC), WELL 6507/2-2

Depth (m)	Group/Fm.	Name	Hydrocarbons (%) SAT	ARO	TOTAL	Non Hydrocarbons (%) POL	ASP	TOTAL	HC (%)	NHC (%)	SAT/ ARO	HC/ NHC	Analysing Company
2831.0(		DST # 2	86.7	9.6	96.4	3.6	0.0	3.6	96.4	3.6	9.0	26.7	F-BERGEN
3294.0(		DST # 1A	80.0	15.7	95.7	4.3	0.0	4.3	95.7	4.3	5.1	22.3	F-BERGEN

SEDIMENT EXTRACTION PERCENTAGES (IATROSCAN), WELL 6507/2-2

Depth (m)	Group/Fm.	Lithology	Type	Hydrocarbons (%) SAT	ARO	TOTAL	Non Hydrocarbons (%) POL	ASP	TOTAL	Analysing Company
2822.00		SST	SWC	51.2	26.2	77.4	12.7	9.9	22.6	F-BERGEN
2830.00		SST	COCH	56.7	31.8	88.5	9.5	2.0	11.5	F-BERGEN
3284.00		SST	COCH	56.7	24.9	81.6	14.4	4.0	18.4	F-BERGEN
3286.00		SST	SWC	49.0	26.8	75.8	16.0	8.2	24.2	F-BERGEN
3290.00		SST	SWC	27.1	36.7	63.8	32.1	4.1	36.2	F-BERGEN
3335.50		SST	COCH	62.1	25.4	87.5	7.3	5.2	12.5	F-BERGEN
3387.00		CLYST	DC	17.2	24.5	41.7	48.0	10.3	58.3	F-BERGEN
3402.00		CLYST	DC	18.5	25.1	43.6	47.2	9.2	56.4	F-BERGEN
3407.00		CLYST	DC	27.0	26.3	53.3	38.7	8.0	46.7	F-BERGEN
3437.00		CLYST	DC	8.1	22.5	30.6	53.1	16.3	69.4	F-BERGEN
3465.00		CLYST	DC	13.5	24.9	38.4	49.7	11.9	61.6	F-BERGEN
3515.00		CLYST	DC	19.8	22.3	42.1	47.4	10.5	57.9	F-BERGEN
3595.00		CLYST	DC	36.7	20.9	57.6	27.2	15.2	42.4	F-BERGEN
3600.00		CLYST	DC	8.9	22.2	31.1	54.6	14.3	68.9	F-BERGEN
3630.00		CLYST	DC	30.7	29.8	60.5	34.0	5.5	39.5	F-BERGEN
3687.00		SST	COCH	56.9	26.0	82.9	11.6	5.5	17.1	F-BERGEN
3722.00		CLYST	DC	42.6	28.3	70.9	22.8	6.3	29.1	F-BERGEN
3745.00		CLYST	DC	40.7	25.7	66.4	28.5	5.1	33.6	F-BERGEN
3771.00		SST	COCH	29.1	25.6	54.7	25.9	19.4	45.3	F-BERGEN
3785.00		CLYST	DC	27.0	51.2	78.2	17.6	4.2	21.8	F-BERGEN
3810.00		COAL	DC	2.5	32.3	34.8	52.3	12.9	65.2	F-BERGEN
3835.00		COAL	DC	2.2	17.5	19.7	59.9	20.4	80.3	F-BERGEN
3862.00		COAL	DC	2.1	19.6	21.7	56.6	21.7	78.3	F-BERGEN
3875.00		COAL	DC	1.4	25.9	27.3	57.2	15.5	72.7	F-BERGEN
3885.00		COAL	DC	2.5	21.5	24.0	59.5	16.5	76.0	F-BERGEN
3924.50		COAL	COCH	10.6	41.5	52.1	38.8	9.1	47.9	F-BERGEN
3926.75		SST	COCH	57.8	27.5	85.3	10.8	3.9	14.7	F-BERGEN
3955.00		COAL	DC	2.5	30.9	33.4	49.1	17.5	66.6	F-BERGEN

Petroleum Geochemistry Group
Research Centre Bergen
HYDRO

SEDIMENT EXTRACTION RATIOS (IATROSCAN), WELL 6507/2-2

Depth (m)	Group/Fm.	Lithology	Type	TOC (%)	EOM/TOC (%)	SAT/TOC (%)	SAT/ARO (%)	HC/Non HC (%)	Analysing Company
2822.00		SST	SWC	0.2		320.0	2.0	3.4	F-BERGEN
2830.00		SST	COCH	0.2		246.5	1.8	7.7	F-BERGEN
3284.00		SST	COCH	0.1		436.2	2.3	4.4	F-BERGEN
3286.00		SST	SWC	0.6		79.0	1.8	3.1	F-BERGEN
3290.00		SST	SWC	0.9		28.8	0.7	1.8	F-BERGEN
3335.50		SST	COCH	0.3		248.4	2.4	7.0	F-BERGEN
3387.00		CLYST	DC	1.9		8.9	0.7	0.7	F-BERGEN
3402.00		CLYST	DC	1.6		11.3	0.7	0.8	F-BERGEN
3407.00		CLYST	DC	1.6		17.1	1.0	1.1	F-BERGEN
3437.00		CLYST	DC	1.5		5.3	0.4	0.4	F-BERGEN
3465.00		CLYST	DC	1.2		11.0	0.5	0.6	F-BERGEN
3515.00		CLYST	DC	1.1		17.5	0.9	0.7	F-BERGEN
3595.00		CLYST	DC	2.9		12.6	1.8	1.4	F-BERGEN
3600.00		CLYST	DC	3.4		2.6	0.4	0.5	F-BERGEN
3630.00		CLYST	DC	2.7		11.4	1.0	1.5	F-BERGEN
3687.00		SST	COCH	0.2		379.3	2.2	4.8	F-BERGEN
3722.00		CLYST	DC	0.8		51.3	1.5	2.4	F-BERGEN
3745.00		CLYST	DC	1.3		32.3	1.6	2.0	F-BERGEN
3771.00		SST	COCH	0.1		207.9	1.1	1.2	F-BERGEN
3785.00		CLYST	DC	0.7		40.9	0.5	3.6	F-BERGEN
3810.00		COAL	DC	43.6		0.1	0.1	0.5	F-BERGEN
3835.00		COAL	DC	41.6		0.1	0.1	0.2	F-BERGEN
3862.00		COAL	DC	50.2		0.0	0.1	0.3	F-BERGEN
3875.00		COAL	DC	49.1		0.0	0.1	0.4	F-BERGEN
3885.00		COAL	DC	51.9		0.0	0.1	0.3	F-BERGEN
3924.50		COAL	COCH	81.4		0.1	0.3	1.1	F-BERGEN
3926.75		SST	COCH	0.3		231.2	2.1	5.8	F-BERGEN
3955.00		COAL	DC	44.1		0.1	0.1	0.5	F-BERGEN

TABLE: 3.4

OIL COMPOSITION RATIOS (IATROSCAN), WELL 6507/2-2

Depth (m)	Group/Fm.	Name	Hydrocarbons (%) SAT	ARO	TOTAL	Non Hydrocarbons (%) POL	ASP	TOTAL	HC (%)	NHC (%)	SAT/ ARO	HC/ NHC	Analysing Company
2831.00		DST # 2	78.5	19.8	98.3	1.0	0.7	1.7	98.3	1.7	4.0	57.8	F-BERGEN
3294.00		DST # 1A	78.2	20.6	98.8	0.9	0.3	1.2	98.8	1.2	3.8	82.3	F-BERGEN

Petroleum Geochemistry Group
Research Centre Bergen
HYDRO

SATURATED FRACTION MOLECULAR RATIOS, WELL 6507/2-2

Depth (m)	Group/Fm.	Lithology	Type	Pristane/ nC17	Pristane/ Phytane	CPI-I	CPI-II	nC17/ nC27	Analysing Company
2822.00		SST	SWC	1.03	1.83	1.21	1.00		F-BERGEN
2830.00		SST	COCH	0.60	2.00	1.20	0.98		F-BERGEN
2831.00			OIL	0.71	1.94	1.19	0.96		F-BERGEN
3284.00		SST	COCH	0.60	1.54	1.08	0.98		F-BERGEN
3286.00		SST	SWC	0.74	1.46	1.04	1.06		F-BERGEN
3290.00		SST	SWC	0.79	1.48	1.10	1.05		F-BERGEN
3294.00			OIL	0.59	1.52	1.08	0.95		F-BERGEN
3335.50		SST	COCH	0.65	1.55	1.07	0.98		F-BERGEN
3387.00		CLYST	DC	0.64	1.96	1.15	1.04		F-BERGEN
3402.00		CLYST	DC	0.64	2.00	1.16	1.01		F-BERGEN
3407.00		CLYST	DC	0.66	1.85	1.20	0.97		F-BERGEN
3437.00		CLYST	DC	0.64	1.80	1.26	1.06		F-BERGEN
3465.00		CLYST	DC	0.72	1.82	1.40	1.12		F-BERGEN
3515.00		CLYST	DC	0.80	1.73	1.22	0.99		F-BERGEN
3595.00		CLYST	DC	0.66	1.58	1.22	1.02		F-BERGEN
3600.00		CLYST	DC	0.81	2.39	1.34	1.13		F-BERGEN
3630.00		CLYST	DC	0.85	2.11	1.13	1.01		F-BERGEN
3687.00		SST	COCH	0.58	1.37	1.10	1.10		F-BERGEN
3722.00		CLYST	DC	0.74	1.33	1.15	0.80		F-BERGEN
3745.00		CLYST	DC	0.65	1.37	1.49	0.86		F-BERGEN
3771.00		SST	COCH	0.46	1.48	1.11	1.01		F-BERGEN
3785.00		CLYST	DC	0.73	2.47	1.18	1.13		F-BERGEN
3810.00		COAL	DC	0.26	1.43	1.17	1.03		F-BERGEN
3835.00		COAL	DC	0.45	2.35	1.16	1.03		F-BERGEN
3862.00		COAL	DC	0.39	2.42	1.16	1.00		F-BERGEN
3875.00		COAL	DC	0.45	2.06	1.12	1.00		F-BERGEN
3885.00		COAL	DC	0.57	2.77	1.16	1.03		F-BERGEN
3924.50		COAL	COCH	0.57	3.59	1.16	1.04		F-BERGEN
3926.75		SST	COCH	0.56	1.88	1.09	1.06		F-BERGEN
3955.00		COAL	DC	0.56	3.10	1.12	1.00		F-BERGEN

BIOMARKER RATIOS AND ISOMERISATION

WELL 6507/2-2

				TRITERPANES MZ 191						STERANES MZ 217	
DEPTH m	TYPE	LITH-OLOGY	GR/FM	Ts/ Tm	NOR/ NOR+HOP	BNOR/ BNOR+NOR	MORETAN/ HOPAN	% 22S BISHOMOHOP	25-NORHOP/ HOPAN	20S % aaa	20S+R % abb
2822	SWC	SST		0.6	0.36	0.25	0.19	52	0.04	32	36
2830	COCH	"		0.6	0.35	0.26	0.18	50	0.04	29	33
2831	DST2	OIL		0.8	0.40	0.25	0.16	57	0.05	32	35
3284	COCH	SST		1.4	0.35	0.12	0.14	59	0.11	58	57
3286	SWC	"		1.3	0.41	0.15	0.14	58	0.10	57	57
3290	"	"		0.9	0.37	0.13	0.18	53	0.07	45	50
3294	DST1	OIL		1.3	0.36	0.11	0.14	57	0.13	64	56
3335.5	COCH	SST		1.8	0.29	0.09	0.13	61	0.09	58	59
3387	DC	CLYST		0.9	0.31	0.06	0.14	60	0.07	52	52
3402	"	"		1.2	0.30	-	0.12	59	0.04	52	55
3407	"	"		1.0	0.36	0.10	0.13	58	0.18	52	59
3437	"	"		1.0	0.32	-	0.14	57	0.03	51	53
3465	"	"		0.8	0.34	0.07	0.13	58	0.09	52	57
3515	"	"		0.7	0.41	0.14	0.14	59	0.28	54	59
3595	"	"		1.1	0.41	0.15	0.11	60	0.23	56	57
3600	"	"		0.7	0.33	0.08	0.12	58	0.11	52	58
3630	"	"		0.8	0.42	0.18	0.13	59	0.43	52	59
3687	COCH	SST		1.5	0.34	0.18	0.16	63	0.17	54	60
3722	DC	CLYST		0.9	0.46	0.20	0.14	60	0.54	52	61
3745	"	"		0.9	0.44	0.18	0.14	60	0.35	54	60
3771	COCH	SST		1.9	0.38	0.15	0.10	59	0.12	56	59
3785	DC	CLYST		0.7	0.31	-	0.13	59	0.04	46	57
3810	DC	COAL		1.4	0.27	-	0.10	57	0.04	54	57
3835	"	"		1.2	0.29	-	0.09	57	0.06	50	58
3862	"	"		2.2	0.32	-	0.10	57	0.07	54	58
3875	"	"		1.8	0.31	-	0.10	58	0.06	54	56
3885	"	"		2.1	0.27	-	0.10	55	0.10	49	57
3924.5	COCH	"		2.0	0.31	-	0.10	57	0.06	52	60
3926.75	COCH	SST		2.6	0.34	-	0.09	63	0.17	55	59
3955	DC	COAL		1.6	0.30	-	0.09	54	0.10	52	55

BIOMARKER RATIOS AND ISOMERISATION

BIOMARKER STANDARD

			TRITERPANES MZ 191						STERANES MZ 217	
DEPTH m	TYPE	LITHOLOGY	Ts/ Tm	NOR/ NOR+HOP	BNOR/ BNOR+NOR	MORETAN/ HOPAN	% 22S BISHOMOHOP	25-NORHOP/ HOPAN	20S % aaa	20S+R % abb
Biom.std.	DST2 (30/6-13)	OIL	1.0	0.28	0.39	0.11	57	0.09	56	52
" "	" "	"	1.0	0.28	0.39	0.12	58	0.10	54	54
" "	" "	"	1.0	0.30	0.38	0.12	59	0.10	53	53
" "	" "	"	1.0	0.32	0.32	0.12	57	0.12	51	55

TABLE 3.7

HYLAB RESULTS MANAGEMENT : ISOTOPE ANALYSIS RESULTS SELECTED FROM SCREEN

Well	Code	Type	St.Depth	En.Depth	Oil	Extr	Sat	Aro	NSO	Asph	Pyro	Kero
6507/2-2	1	COCH	2830.00	2830.00		-27.60	-27.89	-26.90	-27.67	-26.82		
6507/2-2	2	OIL	2820.00	2831.00	-27.03		-27.69	-27.61	-27.06			
6507/2-2	3	COCH	3284.00	3284.00		-27.87	-28.38	-25.64	-27.24	-26.62		
6507/2-2	4	OIL	3285.00	3294.00	-28.01		-28.52	-27.13	-27.52			
6507/2-2	5	COCH	3335.50	3335.50		-28.05	-28.41	-26.01	-27.62	-26.95		
6507/2-2	6	DCW	3462.00	3465.00		-26.16	-27.81	-26.10	-26.24	-25.24		-24.48
6507/2-2	7	COCH	3924.50	3924.50		-25.73	-27.41	-25.43	-25.76	-25.00		-24.59

TABLE 3.8

KEROGEN COMPOSITION

Well: 6507/2-2

GEOCHEM SAMPLE NUMBER	DEPTH (m)	VISUAL ESTIMATE (%) Am	Al	H	W	I
6557-001	3385-3387	5	2	31	43	19
6557-002	3400-3402	5	-	33	52	10
6557-003	3405-3407	2	-	23	53	22
6557-004	3435-3437	1	-	30	59	10 max
6557-005	3463-3465	3	-	30	57	10
6557-006	3513-3515	2	1	30	52	15
6557-007	3592-3595	28	-	22	40	10
6557-008	3597-3600	77	-	3	18	2
6557-009	3627-3630	15	-	10	55	20
6557-010	3720-3722	(-	-	10	50	40)
6557-011	3742-3742	see remarks - table 1				
6557-012	3782-3785	see remarks - table 1				
6557-013	3807-3810	3	-	15	72	10
6557-014	3832-3835	33	-	14	50	3
6557-015	3860-3862	5	-	20	70	5
6557-016	3872-3875	9	-	25	64	2
6557-017	3882-3885	12	-	23	60	5
6557-018	3924.50 CORE	10	-	23	64	3
6557-019	3952-3955	18	-	17	62	3

( ) poor quality sample, treat data with caution

TABLE 1
KEROGEN TYPE AND MATURATION

JOB 6557 GEOCHEM SAMPLE NUMBER	DEPTH/ IDENTITY	ORGANIC MATTER DESCRIPTION					THERMAL MATURATION	
		TYPES >35%;10-35%;<10%	REMARKS	RE-WORKED (%)	PARTICLE SIZE	PRESERV-ATION	THERMAL ALTERATION INDEX	1-10 SCALE
WELL: 6507/2-2								
6557-001	3385-3387m	W-H;I;Am-Al			F-M	G	2	4
6557-002	3400-3402m	W-H;I;Am			F-M	F	2	4
6557-003	3405-3407m	W;H-I;Am			F-M	F-G	2	4
6557-004	3435-3437m	W;H-I;Am			F-M	G	2	4
6557-005	3463-3465m	W;H-I;Am			F-M	F-G	2	4
6557-006	3513-3515m	W;H-I;Am-Al			F-M	F-G	2	4.5
6557-007	3592-3595m	-;W-Am-H-I;-	widespread sapropelisation		F-M	F-G	2/2 to 2+	4.9
6557-008	3597-3600m	Am;W;H-I			F-M	F-G	2 to 2+	5
6557-009	3627-3630m	W;I-Am-H;-			F-M	F-G	2 to 2+(?)	5(?)
6557-010	3720-3722m	(W-I;H;-)	lean, dominated by contamination - sample received was very small and of poor quality (abundant LCM)		F-M	F	2 to 2+	5
6557-011	3742-3745m	(W-I;H;Am)	lean, unreliable - submitted sample tiny and of poor quality (abundant LCM)		F-M	F	--	-
6557-012	3782-3785m	(W-I;-;H)	as 6557-011		F-M	F	--	-

Algal, Amorphous, Herbaceous, Inertinite, Resin, Wood
preservation = Poor, Fair, Good size = Fine, Medium, Coarse

TAI SCALE	1	1+ to 2-	2-	2	2 TO 2+	2+ TO 3-	3	3+	4	5
1-10 SCALE	1	2	3	4	5	6	7	8	9	10

TABLE 1
KEROGEN TYPE AND MATURATION

JOB 6557 GEOCHEM SAMPLE NUMBER	DEPTH/ IDENTITY	ORGANIC MATTER DESCRIPTION					THERMAL MATURATION	
		TYPES >35%;10-35%;<10%	REMARKS	RE-WORKED (%)	PARTICLE SIZE	PRESERV-ATION	THERMAL ALTERATION INDEX	1-10 SCALE
6557-013	3807-3810m	W;H-I;Am			F-M	F-G	2 to 2+	5
6557-014	3832-3835m	W-Am;H;I	widespread sapropelisation		F-C	G	2 to 2+	5
6557-015	3860-3862m	W;H;I-Am			F-C	G	2 to 2+	5
6557-016	3872-3875m	W;H;Am-I	incipient sapropelisation		F-M	G	2 to 2+	5
6557-017	3882-3885m	W;H-Am;I	incipient sapropelisation		F-M	G	2 to 2+	5
6557-018	CORE 3924.5m	W;H-Am;I	incipient sapropelisation		F-M/C	G	2 to 2+	5
6557-019	3952-3955m	W;Am-H;I	widespread sapropelisation		F-C	G	2 to 2+/2+	5.3

Algal,Amorphous,Herbaceous,Inertinite,Resin,Wood
preservation = Poor,Fair,Good size = Fine,Medium,Coarse

TAI SCALE	1	1+ to 2-	2	2+	2 to 2+	2+ to 3-	3	3+	4	5		
1-10 SCALE	1	2	3	4	5	6	7	8	9	10		

Well I.D.: 6507/2-2 700-3940m

T.D.	B.D.	Ravg.	N
700	-	0.29	4
750	-	0.34	4
800	-	0.30	5
850	-	0.27	3
900	-	0.27	4
950	-	0.35	10
1000	-	0.31	7
1050	-	NDP	-
1100	-	0.31	2
1150	-	0.33	1
1200	-	0.33	1
1250	-	NDP	-
1300	-	0.32	1
1350	-	0.43	2
1400	-	0.41	1
1450	-	0.49	5
1500	-	0.36	5
1550	-	0.33	8
-	-	0.56	1
1600	-	0.36	3
1650	-	0.30	3
1700	-	0.38	11
1750	-	0.36	20
1800	-	0.34	20
1850	-	0.34	6
1900	-	0.38	2
1950	-	NDP	-
2000	-	0.39	3
2050	-	0.43	3
2100	-	0.45	2
2150	-	0.40	12
2200	-	0.37	15
2250	-	0.36	8
2300	-	0.44	7
2350	-	0.44	10
2400	-	0.46	7
2450	-	0.40	9
2500	-	0.49	4
2550	-	0.39	9
2600	-	0.46	9
2650	-	0.42	4
2700	-	0.44	3
2750	-	0.53	8
2800	-	0.43	2
2850	-	0.45	1
2900	-	0.54	4
2950	-	0.48	6
3000	-	0.46	1
3050	-	0.47	9
3100	-	0.48	5
3150	-	0.45	3
3200	-	0.49	20
3250	-	0.70	7
3300	-	0.59	8
3350	-	0.58	20
3400	-	0.55	7
3450	-	0.59	7
3500	-	0.58	13
3550	-	0.56	14
3600	-	0.59	20
3650	-	0.76	21
3700	-	0.53	6
3750	-	0.58	9

3772.6	-	0.60	14
3778.5	-	0.72	23
3800	-	0.63	8
3830	-	0.74	21
3860	-	0.81	21
3900	-	0.79	20
3924.5	-	1.00	22
3929.2	-	1.05	20
3940	-	0.92	20

Sample ID: 6507/2-2 700m
R.o. Aver.: 0.29 (4)
Lithology: Sandstone 40%; cement 30%; silty shale 30%
Phytoclast Content: Very low
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: -
Bitumen: Stain. - light; wisps - trace
VR populations: 1
Mineralogy: Iron oxide specks
General Comments: Phytoclasts restricted to shale
0.37
0.28
0.25
0.25

Sample ID: 6507/2-2 750m
R.o. Aver.: 0.34 (4)
Lithology: Silty shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light; wisps - trace
VR populations: 1
Mineralogy: -
General Comments: -
0.47
0.38
0.23
0.26

?

Sample ID: 6507/2-2 800m
R.o. Aver.: 0.30 (5)
Lithology: Silty shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light; wisps - trace
VR populations: 1
Mineralogy: -
General Comments: Tentative result
0.22
0.31
0.32
0.34
0.33

?

Sample ID: 6507/2-2 850m
R.o. Aver.: 0.27 (3)
Lithology: Sandy shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light; wisps - trace
VR populations: 1
Mineralogy: -
General Comments: -
0.25
0.23
0.34

?

Sample ID: 6507/2-2 900m
R.o. Aver.: 0.27 (4)
Lithology: Silty shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - low - y
Bitumen: Stain. - light; wisps - trace
VR populations: 1
Mineralogy: -
General Comments: -
0.26
0.24
0.28
0.28

Sample ID: 6507/2-2 950m
R.o. Aver.: 0.35 (10)
Lithology: Sandstone 20%; silty shale 80%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light/mod.; wisps - trace
VR populations: 1
Mineralogy: -
General Comments: -
0.37
0.36
0.28
0.27
0.37
0.38
0.37
0.31
0.40
0.39

Sample ID: 6507/2-2 1000m
R.o. Aver.: 0.31 (7)
Lithology: Silty shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light/mod.
VR populations: 1
Mineralogy: -
General Comments: -
0.32
0.31
0.34
0.33
0.29
0.26
0.32

Sample ID: 6507/2-2 1050m
R.o. Aver.: NDP
Lithology: Silty shale 100%
Phytoclast Content: Virtually barren
    Vitrinite: -
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - low - y
Bitumen: Stain. - light
VR populations: -
Mineralogy: -
General Comments: -

Sample ID: 6507/2-2 1100m
R.o. Aver.: 0.31 (2)
Lithology: Silty shale 100%
Phytoclast Content: Virtually barren
    Vitrinite: Two
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y+y/o
Bitumen: Stain. - light
VR populations: 1
Mineralogy: -
General Comments: -
0.33
0.28

Sample ID: 6507/2-2 1150m
R.o. Aver.: 0.33 (1)
Lithology: Silty shale 100%
Phytoclast Content: Virtually barren
    Vitrinite: One
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Algae - tr. - g; spores - tr. - y
Bitumen: Stain. - light/mod.
VR populations: 1
Mineralogy: -
General Comments: -
0.33

Sample ID: 6507/2-2 1200m
R.o. Aver.: 0.33 (1)
Lithology: Silty shale 80%; sandstone 20%
Phytoclast Content: Virtually barren
    Vitrinite: One
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - low - y
Bitumen: Stain. - light/mod.; wisps - low
VR populations: 1
Mineralogy: Calcareous
General Comments: Tentative result
0.33

?

Sample ID: 6507/2-2 1250m
R.o. Aver.: NDP
Lithology: Silty shale 70%; carbonate 30%
Phytoclast Content: Virtually barren
    Vitrinite: -
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light
VR populations: -
Mineralogy: -
General Comments: -

Sample ID: 6507/2-2 1300m
R.o. Aver.: 0.32 (1)
Lithology: Sandstone 40%; silty shale 60%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - tr.; wisps - tr.
VR populations: 1
Mineralogy: -
General Comments: -
0.32

Sample ID: 6507/2-2 1350m
R.o. Aver.: 0.43 (2)
Lithology: Sandstone 20%; silty shale 80%
Phytoclast Content: Trace
    Vitrinite: Tr
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light; wisps - tr.
VR populations: 1
Mineralogy: -
General Comments: -
0.44
0.42

Sample ID: 6507/2-2 1400m
R.o. Aver.: 0.41 (1)
Lithology: Silty shale 100%
Phytoclast Content: Virtually barren
    Vitrinite: One
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light
VR populations: 1
Mineralogy: -
General Comments: -
0.41

Sample ID: 6507/2-2 1450m
R.o. Aver.: 0.49 (5)
Lithology: Shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y-y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.53
0.53
0.46
0.43
0.48

Sample ID: 6507/2-2 1500m
R.o. Aver.: 0.36 (5)
Lithology: Silty shale 100%
Phytoclast Content: Very low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - low - y-y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.27
0.34
0.31
0.48
0.41

Sample ID: 6507/2-2 1550m
R.o. Aver.: 0.33 (8); 0.56 (1)
Lithology: Silty shale 100%
Phytoclast Content: Low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - low -y+y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 2
Mineralogy: -
General Comments: -
0.33
0.34
0.34
0.29
0.32
0.33
0.29
0.37
0.56

Sample ID: 6507/2-2 1600m
R.o. Aver.: 0.36 (3)
Lithology: Shale 100%
Phytoclast Content: Very low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.38
0.40
0.31

Sample ID: 6507/2-2 1650m
R.o. Aver.: 0.30 (3)
Lithology: Silty shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod./strong
VR populations: 1
Mineralogy: -
General Comments: -
0.31
0.28
0.32

Sample ID: 6507/2-2 1700m
R.o. Aver.: 0.38 (11)
Lithology: Silty shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - low y+y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: Glauconite
General Comments: -
0.47
0.36
0.30
0.29
0.33
0.43
0.43
0.35
0.47
0.34
0.46

Sample ID: 6507/2-2 1750m
R.o. Aver.: 0.36 (20)
Lithology: Silty shale 100%
Phytoclast Content: Low
    Vitrinite: 60%
    Inertinite: 40%
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - mod./strong; wisps - low
VR populations: 1
Mineralogy: Foram + shell debris; glauconite
General Comments: -
0.29
0.35
0.34
0.35
0.46
0.39
0.38
0.32
0.28
0.37
0.37
0.33
0.31
0.34
0.38
0.39
0.39
0.44
0.35
0.35

?

Sample ID: 6507/2-2 1800m
R.o. Aver.: 0.34 (20)
Lithology: Silty shale 100%
Phytoclast Content: Low
    Vitrinite: 50%
    Inertinite: 50%
    Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod./strong; wisps - low
VR populations: 1
Mineralogy: Shell + foram debris; glauconite; iron oxide specks
General Comments: -
0.30
0.33
0.34
0.32
0.31
0.32
0.30
0.41
0.34
0.31
0.41
0.26
0.28
0.37
0.38
0.28
0.38
0.40
0.37
0.42

Sample ID: 6507/2-2 1850m
R.o. Aver.: 0.34 (6)
Lithology: Shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - tr.; wisps - v. low
VR populations: 1
Mineralogy: Shell + foram debris
General Comments: -
0.33
0.37
0.34
0.32
0.31
0.34

?

Sample ID: 6507/2-2 1900m
R.o. Aver.: 0.38 (2)
Lithology: Calcareous silty shale 100%
Phytoclast Content: Trace
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Algal wisps - tr. - g; spores - tr. - y
Bitumen: Stain. - light; wisps + blebs - mod.
VR populations: 1
Mineralogy: Rather pyritic
General Comments: -
0.32
0.43

Sample ID: 6507/2-2 1950m
R.o. Aver.: NDP
Lithology: Shale 100%
Phytoclast Content: Low-moderate
    Vitrinite: -
    Inertinite: Tr.
    Exinite: -
UV fluorescence: -
Bitumen: Stain. - light; wisps - low
VR populations: -
Mineralogy: -
General Comments: -

Sample ID: 6507/2-2 2000m
R.o. Aver.: 0.39 (3)
Lithology: Shale 100%
Phytoclast Content: Low-moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y-y/o
Bitumen: Stain. - light; wisps + specks - low
VR populations: 1
Mineralogy: Marly
General Comments: -
0.40
0.38
0.39

Sample ID: 6507/2-2 2050m
R.o. Aver.: 0.43 (3)
Lithology: Shale 100%
Phytoclast Content: Low-moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y/o
Bitumen: Stain. - light/mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.48
0.40
0.40

Sample ID: 6507/2-2 2100m
R.o. Aver.: 0.45 (2)
Lithology: Shale 100%
Phytoclast Content: Low-moderate
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: Spores - tr. - y/o
Bitumen: Stain. - light; wisps - tr.
VR populations: 1
Mineralogy: -
General Comments: -
0.46
0.43

Sample ID: 6507/2-2 2150m
R.o. Aver.: 0.40 (12)
Lithology: Shale 100%
Phytoclast Content: Moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y/o
Bitumen: Stain. - light; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.40
0.42
0.43
0.38
0.42
0.33
0.38
0.47
0.40
0.37
0.40
0.43

Sample ID: 6507/2-2 2200m
R.o. Aver.: 0.37 (15)
Lithology: Shale 100%
Phytoclast Content: Moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y
Bitumen: Stain. - light; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.36
0.45
0.43
0.33
0.34
0.34
0.38
0.47
0.34
0.35
0.31
0.34
0.36
0.40
0.42

Sample ID: 6507/2-2 2250m
R.o. Aver.: 0.36 (8)
Lithology: Shale 100%
Phytoclast Content: Low-moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - light/mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.34
0.35
0.34
0.31
0.34
0.47
0.35
0.37

?

Sample ID: 6507/2-2 2300m
R.o. Aver.: 0.44 (7)
Lithology: Shale 100%
Phytoclast Content: Moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.44
0.43
0.49
0.44
0.47
0.43
0.35

Sample ID: 6507/2-2 2350m
R.o. Aver.: 0.44 (10)
Lithology: Shale 100%
Phytoclast Content: Moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - mod. - y+y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.38
0.48
0.48
0.48
0.48
0.43
0.50
0.45
0.36
0.40

?

Sample ID: 6507/2-2 2400m
R.o. Aver.: 0.46 (7)
Lithology: Silty shale 100%
Phytoclast Content: Moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - mod. - y+y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.46
0.55
0.47
0.39
0.32
0.58
0.44

Sample ID: 6507/2-2 2450m
R.o. Aver.: 0.40 (9)
Lithology: Silty shale 100%
Phytoclast Content: Low-moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - mod. - y+y/o
Bitumen: Stain. - light
VR populations: 1
Mineralogy: -
General Comments: -
0.52
0.41
0.40
0.32
0.40
0.42
0.44
0.37
0.31

Sample ID: 6507/2-2 2500m
R.o. Aver.: 0.49 (4)
Lithology: Shale 100%
Phytoclast Content: Low-moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod.; wisps - v. low
VR populations: 1
Mineralogy: -
General Comments: -
0.41
0.42
0.56
0.56

Sample ID: 6507/2-2 2550m
R.o. Aver.: 0.39 (9)
Lithology: Silty shale 100%
Phytoclast Content: Low-moderate
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod.; wisps - v. low
VR populations: 1
Mineralogy: -
General Comments: -
0.38
0.39
0.39
0.44
0.43
0.41
0.44
0.39
0.27

Sample ID: 6507/2-2 2600m
R.o. Aver.: 0.46 (9)
Lithology: Shale 100%
`hytoclast Content: Low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - low - y/o; h/c specks - low - y
Bitumen: Stain. - mod.; wisps - v. low
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.46
0.44
0.36
0.48
0.49
0.50
0.52
0.49
0.40

Sample ID: 6507/2-2 2650m
R.o. Aver.: 0.42 (4)
Lithology: Shale 90%; siltstone 10%
Phytoclast Content: Low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - mod. - y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.52
0.35
0.39
0.42

Sample ID: 6507/2-2 2700m
R.o. Aver.: 0.44 (3)
Lithology: Shale 100%
Phytoclast Content: Very low
    Vitrinite: Tr.
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod.; wisps - mod.
VR populations: 1
Mineralogy: -
General Comments: -
0.43
0.41
0.48

Sample ID: 6507/2-2 2750m
R.o. Aver.: 0.53 (8)
Lithology: Shale 100%
Phytoclast Content: Very low
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: -
0.54
0.52
0.49
0.60
0.51
0.46
0.58
0.54

Sample ID: 6507/2-2 2800m
R.o. Aver.: 0.43 (2)
Lithology: Shale 100%
Phytoclast Content: Trace
Vitrinite: Tr.
Inertinite: Tr.
Exinite: -
UV fluorescence: Spores - low - y+y/o
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.47
0.39

Sample ID: 6507/2-2 2850m
R.o. Aver.: 0.45 (1)
Lithology: Sandstone 10%; cement 30%; marl 40%; shale 20%
Phytoclast Content: Trace
    Vitrinite: One
    Inertinite: Tr.
    Exinite: -
UV fluorescence: Spores - low - y-l.o.
Bitumen: Stain. - mod. in shale; wisps - low
VR populations: 1
Mineralogy: Iron oxide masses
General Comments: Phytoclasts degraded
0.45

?

Sample ID: 6507/2-2 2900m
R.o. Aver.: 0.54 (4)
Lithology: Shale 100%; cement tr.
hytoclast Content: Very low
Vitrinite: Tr.
Inertinite: Tr.
Exinite: -
UV fluorescence: -
Bitumen: Stain. - var. - mod.; wisps - trace
VR populations: 1
Mineralogy: Iron oxides
General Comments: Phytoclasts degraded
0.54
0.49
0.57
0.56

Sample ID: 6507/2-2 2950m
R.o. Aver.: 0.48 (6)
Lithology: Shale 80%; marl 10%; cement 10%
Phytoclast Content: Low
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: Carb. - low - y/o; h/c specks - tr. - y
Bitumen: Stain. - mod.
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.45
0.47
0.50
0.46
0.52
0.45

Sample ID: 6507/2-2 3000m
R.o. Aver.: 0.46 (1)
Lithology: Shale 50%; cement 50%
hytoclast Content: Low
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: Spores - tr. - y/o
Bitumen: Stain. - mod.
VR populations: 1
Mineralogy: Iron oxide specks
General Comments: Phytoclasts very degraded
0.46

Sample ID: 6507/2-2 3050m
R.o. Aver.: 0.47 (9)
Lithology: Shale 100%
Phytoclast Content: Moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: -
Bitumen: Stain. - mod.; wisps - mod. (degraded)
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.47
0.42
0.47
0.48
0.48
0.44
0.47
0.48
0.48

Sample ID: 6507/2-2 3100m
R.o. Aver.: 0.48 (5)
Lithology: Shale 80%; cement 20%
Phytoclast Content: Low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y/o
Bitumen: Stain. - mod.; wisps - mod. (degraded)
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.51
0.45
0.50
0.45
0.51

Sample ID: 6507/2-2 3150m
R.o. Aver.: 0.45 (3)
Lithology: Shale 80%; rock flour 20%
Phytoclast Content: Low
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: Spores - tr. - y/o+l.o.
Bitumen: Stain. - mod.; wisps - low
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.43
0.44
0.49

Sample ID: 6507/2-2 3200m
R.o. Aver.: 0.49 (20)
Lithology: Shale 70%; marl 30%
Phytoclast Content: Moderate
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: Spores - tr. - y/o
Bitumen: Stain. - mod.; wisps - mod.
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.54
0.61
0.49
0.45
0.48
0.43
0.45
0.43
0.41
0.51
0.50
.49
0.40
0.53
0.42
0.59
0.55
0.45
0.55
0.53

Sample ID: 6507/2-2 3250m
R.o. Aver.: 0.70 (7)
Lithology: Shale 60%; marl 40%
Phytoclast Content: Moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y/o
Bitumen: Stain. - light; wisps - mod. (degraded)
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded; wide spread in R.o.
0.77
0.92
0.70
0.63
0.60
0.62
0.67

Sample ID: 6507/2-2 3300m
R.o. Aver.: 0.59 (8)
Lithology: Shale 100%
Phytoclast Content: Low-moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y/o+l.o.; h/c specks -
tr. - y/o
Bitumen: Stain. - light; wisps - mod./rich
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.55
0.50
0.52
0.64
0.65
0.59
0.61
0.69

Sample ID: 6507/2-2 3350m
R.o. Aver.: 0.58 (20)
Lithology: Shale 70%; silty shale 30%
`hytoclast Content: Moderate
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - y/o+l.o.
Bitumen: Stain. - light/mod.; wisps - mod.
VR populations: 1
Mineralogy: -
General Comments: -
0.57
0.56
0.63
0.53
0.61
0.49
0.55
0.65
0.59
0.55
0.57
`.56
J.57
0.54
0.68
0.70
0.63
0.48
0.54
0.58

Sample ID: 6507/2-2 3400m
R.o. Aver.: 0.55 (7)
Lithology: Shale 100%
hytoclast Content: Low
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: Spores - low - l.o.
Bitumen: Stain. - mod./strong; wisps - mod./rich
VR populations: 1
Mineralogy: Trace of rock flour
General Comments: Some cuttings show blackened amorphinite
0.60
0.56
0.54
0.55
0.59
0.44
0.56

Sample ID: 6507/2-2 3450m
R.o. Aver.: 0.59 (7)
Lithology: Rock flour 80%; shale 20%
Phytoclast Content: Low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: -
Bitumen: Stain. - mod.; wisps - mod.
VR populations: 1
Mineralogy: -
General Comments: -
0.71
0.72
0.53
0.49
0.59
0.56
0.53

Sample ID: 6507/2-2 3500m
R.o. Aver.: 0.58 (13)
Lithology: Shale 20%; rock flour 80%
Phytoclast Content: Very low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: -
Bitumen: Stain. - mod.; wisps - mod.
VR populations: 1
Mineralogy: -
General Comments: -
0.76
0.51
0.68
0.51
0.51
0.62
0.57
0.63
0.56
0.54
0.55
^.64
..44

Sample ID: 6507/2-2 3550m
R.o. Aver.: 0.56 (14)
Lithology: Rock flour 80%; silty shale 20%
Phytoclast Content: Low
Vitrinite: 10%
Inertinite: 90%
Exinite: -
UV fluorescence: Spores - tr. - l-m.o.
Bitumen: Stain. - mod.; wisps - mod./rich
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts in a few cuttings only
0.61
0.54
0.50
0.51
0.53
0.55
0.56
0.53
0.58
0.52
0.54
0.65
.60
0.58

Sample ID: 6507/2-2 3650m
R.o. Aver.: 0.76 (21)
Lithology: Rock flour 50%; silty shale 50%
Phytoclast Content: Low-moderate
    Vitrinite: 20%
    Inertinite: 80%
    Exinite: -
UV fluorescence: -
Bitumen: Stain. - mod./strong; wisps - mod./rich
VR populations: 1
Mineralogy: -
General Comments: Variable R.o. possibly due to bit.
impregnation
0.83
0.67
0.80
0.56
0.60
0.64
0.71
0.66
0.76
0.90
0.68
0.70
0.71
0.72
0.98
0.66
0.67
1.04
0.72
1.04
1.00

Sample ID: 6507/2-2 3700m
R.o. Aver.: 0.53 (6)
Lithology: Sandstone 20%; carbonate 10%; silty shale 20%;
ust 50%
hytoclast Content: Very low
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: H/c specks - low/mod. - y; rich in Sst.
Bitumen: Stain. - var. - light/strong; wisps - low
VR populations: 1
Mineralogy: V. variable lithologies
General Comments: Phytoclasts degraded
0.51
0.53
0.57
0.59
0.49
0.48

Sample ID: 6507/2-2 3750m
R.o. Aver.: 0.58 (9)
Lithology: Silty shale 40%; sandstone 20%; rust 20%; rock flour 20%
Phytoclast Content: Very low
Vitrinite: Tr.
Inertinite: Tr.
Exinite: -
UV fluorescence: H/c specks - low - y
Bitumen: Stain. - mod.; wisps - mod.
VR populations: 1
Mineralogy: -
General Comments: -
0.58
0.52
0.61
0.45
0.65
0.49
0.71
0.57
0.67

Sample ID: 6507/2-2 3772.6m
R.o. Aver.: 0.60 (14)
Lithology: Shaly siltstone 100%
Phytoclast Content: Low
    Vitrinite: Tr.
    Inertinite: 100%
    Exinite: -
UV fluorescence: Spores - tr. - m-d.o.; carb. - mod. - y/o
Bitumen: Stain. - mod.; wisps - mod./rich
VR populations: 1
Mineralogy: -
General Comments: -
0.62
0.67
0.59
0.55
0.59
0.57
0.55
0.62
0.62
0.57
0.59
.67
0.59
0.65

Sample ID: 6507/2-2 3778.5m
R.o. Aver.: 0.72 (23)
Lithology: Silty shale 100%
Phytoclast Content: Low-moderate
Vitrinite: 30%
Inertinite: 70%
Exinite: -
UV fluorescence: Carb. - low - y/o-m.o.
Bitumen: Stain. - light/ mod.; wisps - mod./rich
VR populations: 1
Mineralogy: -
General Comments: -
0.69
0.73
0.73
0.59
0.79
0.70
0.72
0.67
0.82
0.70
0.76
0.80
0.74
0.70
0.60
0.65
0.69
0.67
0.64
0.88
0.73
0.78
0.73

Sample ID: 6507/2-2 3800m
R.o. Aver.: 0.63 (8)
Lithology: Sandstone 20%; siltstone 40%; shale 40%
hytoclast Content: Low
Vitrinite: Tr.
Inertinite: 100%
Exinite: -
UV fluorescence: H/c specks - low - y+m.o.; carb. - low - m.o.
Bitumen: Stain. - var. - light/mod. - strong; wisps - mod./rich
VR populations: 1
Mineralogy: -
General Comments: Phytoclasts degraded
0.74
0.54
0.65
0.58
0.58
0.60
0.67
0.68

Sample ID: 6507/2-2 3830m
R.o. Aver.: 0.74 (21)
Lithology: Shale 20%; siltstone 80%
Phytoclast Content: Moderate
Vitrinite: 70%
Inertinite: 30%
Exinite: -
UV fluorescence: -
Bitumen: Stain. - mod./strong in silt; strong in shale
VR populations: 1
Mineralogy: -
General Comments: Meas. on shale; bedding strongly distorted
0.87
0.83
0.82
0.94
0.83
0.76
0.84
0.71
0.75
0.65
.80
..61
0.68
0.59
0.76
0.69
0.71
0.75
0.72
0.64
0.69

Sample ID: 6507/2-2 3860m
R.o. Aver.: 0.81 (21)
Lithology: Siltstone 30%; shale 30%; coal 40%
Phytoclast Content: Very rich
    Vitrinite: 30%
    Inertinite: 70%
    Exinite: -
UV fluorescence: -
Bitumen: Stain. - strong in shale; mod./strong in silt;
wisps - rich in silt
VR populations: 1
Mineralogy: -
General Comments: Coal brecciated
0.86
0.84
0.73
0.78
0.84
0.96
0.84
0.84
0.81
0.76
0.78
0.83
0.86
0.89
0.81
0.79
0.89
0.74
0.76
0.68
0.62

Sample ID: 6507/2-2 3900m
R.o. Aver.: 0.79 (20)
Lithology: Silty shale 80%; rock flour tr.; coal 20%
hytoclast Content: Rich
Vitrinite: 30%
Inertinite: 70%
Exinite: -
UV fluorescence: -
Bitumen: Stain. - v. strong
VR populations: 1
Mineralogy: -
General Comments: Coal dirty + brecciated
0.69
0.65
0.77
0.75
0.77
0.82
0.80
0.78
0.88
0.88
0.97
.91
.90
0.74
0.77
0.83
0.65
0.64
0.77
0.77

Sample ID: 6507/2-2 3924.5m
R.o. Aver.: 1.00 (22)
Lithology: Coal 100%
.ytoclast Content: Total
Vitrinite: 100%
Inertinite: Tr.
Exinite: Tr.
UV fluorescence: -
Bitumen: -
VR populations: 1
Mineralogy: -
General Comments: Coal clean
1.04
1.01
1.02
1.07
1.02
0.97
0.97
0.97
1.05
1.08
1.09
10
1.04
0.98
0.98
0.91
0.91
0.95
1.07
0.99
0.91
0.95

Sample ID: 6507/2-2 3929.2m
R.o. Aver.: 1.05 (20)
Lithology: Coal 100%
hytoclast Content: Total
Vitrinite: 100%
Inertinite: -
Exinite: -
UV fluorescence: H/c or resin - tr. - m-d.o.
Bitumen: -
VR populations: 1
Mineralogy: -
General Comments: -
1.11
1.09
1.11
0.97
0.98
1.14
0.99
1.13
1.05
1.05
1.00
.00
1.15
1.07
0.98
1.03
1.06
1.05
1.07
1.03

Sample ID: 6507/2-2 3940m
R.o. Aver.: 0.92 (20)
Lithology: Shale 805% coal 20%
Phytoclast Content: Rich
    Vitrinite: 40%
    Inertinite: 60%
    Exinite: -
UV fluorescence: Carb. - tr. - m.o.
Bitumen: Stain. - strong
VR populations: 1
Mineralogy: -
General Comments: -
1.04
1.05
0.98
0.92
0.95
1.01
0.86
0.86
0.87
0.80
0.93
0.90
0.75
1.01
0.92
0.91
0.96
0.92
0.85
0.96