

1.2 Casing Summary

Size inch	Weight lbs/ft	Grade	Connection	Casing shoe mbdf	Comments
36"	553	X52	D90MT	733 (x/o)	2 joints including wellhead joint.
30"	310	X52	SL-60	782	4 joints.
20"	203	X56	H60MT	922 (x/o)	18.3/4" wellhead locked down with 40 kibs. 16" adaptor at 872m.
20"	129	X56	E60MT	1296	
13.3/8"	72	P110	AMS	2518	

1.3 Mud

Section	Details
42" x 36" top hole:	Sea water with guar gum hi-vis pills as required. 1.20 sg spud mud left in hole for running conductor.
26" surface hole:	Sea water with guar gum hi-vis pills as required. Displaced hole to 1.40 sg mud before running casing.
12-1/4" pilot, 16" hole section:	BARASILC (sodium silicate) mud @ 1.22 sg, gradually increased to 1.25 sg for the hole opening and to 1.27 sg before the casing run.
12-1/4" hole section:	BARASILC (sodium silicate) mud @ 1.27 sg. Due to an increase in pore pressure, the mud weight was brought up to 1.42 sg by 3370m. From about 4000m onwards the silicate concentration was allowed to deplete, leaving a Glycol-Enhanced KCl-Polymer mud system.
Abandonment (mud left in the well):	Glycol-Enhanced KCl-Polymer of 1.42 sg from TD to 850 m and 1.30 sg from 850 m to 720 m.

1.4 Cementing

42" x 36" Hole / 36" x 30" Conductor

Type and density:	41.2m ³ , 1.56sg, "G" lead 11.9m ³ , 1.90sg, "G" tail
Top of cement:	Seabed, 709.5m
Casing shoe:	782m

26" Hole / 20" Surface Casing

Type and density:	129m ³ , 1.56sg, Gasblok "G" lead 72m ³ , 1.90sg, Gasblok "G" tail
Top of cement:	Top of 30" wellhead housing, 707.5m
Casing shoe:	1296m
Displacement:	98m ³ seawater, no bump, floats holding

16" Hole / 13.3/8" Intermediate Casing

Type and density:	16m ³ , 1.90sg, "G" tail
Top of cement:	2218m (calculated)
Casing shoe:	2518m
Displacement :	142m ³ , bumped plug to 352bar

Table 10 : MDT Pressure Summary

Test No	Run No	Depth (MDRKE)	MDP Press. Before (bar)	MDP Press. After (bar)	Formation Pressure (bar)	Interpretation
1	2b	3366.06	470.71	471.96		Dry Test
2	2b	3367.02	472.67	473.17		Seal fail
3	2b	3367.53	474.55	474.35		Dry Test
5	2b	3460.56	488.36	488.13		Seal fail
6	2b	3461.05	488.01	487.89		Seal fail
7	2b	3462.05	487.93	487.93		Seal fail
8	2b	3471.07	489.22	489.13		Dry Test
10	2b	3476.01	489.85	489.78	456.00	Draw-down pretest
11	2b	3688.51	519.40	519.24		Dry Test
12	2b	3694.06	520.07	519.93		Dry Test
14	2b	3704.57	521.55	521.37		Dry Test
15	2b	3705.56	521.43	521.37		Dry Test
16	2b	3710.55	522.12	522.05		Dry Test
18	2b	3715.56	522.81	522.74	522.07	Draw-down pretest
20	2b	3717.03	522.89	522.73		Seal fail
22	2b	3718.55	522.96	522.95	523.11	Draw-down pretest + fluid samples taken
23	2b	3856.54	542.30	542.08	564.26	Draw-down pretest
24	2b	3856.54	542.04	541.99	544.06	Draw-down pretest
25	2b	3860.01	542.44	542.33		Dry Test
26	2b	3865.02	543.03	543.00		Dry Test
27	2b	3872.01	543.99	543.96		Dry Test
28	2b	3877.57	544.71	544.69		Dry Test
29	2b	3718.57	520.76	522.43	521.50	Draw-down pretest
30	2b	3717.57	522.29	522.31		Dry Test
31	2b	3715.57	522.01	522.06		Dry Test
2	3c	3366.52	473.06	473.00		Seal Fail
3	3c	3367.01	473.11	473.04		Seal Fail
4	3c	3334.99	468.07	468.43		Seal Check
	3c	3368.05	473.17	473.11	473.10	Draw-down pretest
7	3c	3365.05	472.77	472.79		Seal Fail
9	3c	3365.56	472.87	472.89		Seal Fail
11	3c	3364.04	472.62	472.69	472.60	Draw-down pretest
13	3c	3364.56	472.71	472.77	470.00	Draw-down pretest

15	3c	3366.09	472.94	472.98	472.93	Draw-down pretest
17	3c	3367.56	473.13	473.21		Seal Fail
19	3c	3463.00	485.84	486.26		Seal Fail
20	3c	3450.05	484.38	484.57		Seal Check
22	3c	3461.54	486.10	486.19		Seal Fail
24	3c	3459.07	485.81	485.84	484.21	Draw-down pretest
26	3c	3460.03	485.94	486.01	463.19	Draw-down pretest
28	3c	3461.06	486.13	486.15		Seal Fail
30	3c	3852.05	540.34	540.15		Dry test
31	3c	3853.04	540.36	540.30		Dry test
33	3c	3854.05	540.45	540.48		Dry test
35	3c	3855.05	540.61	540.63		Seal Fail
37	3c	3856.05	540.75	540.76		Seal Fail
39	3c	3857.04	540.89	540.86		Seal Fail
41	3c	3858.06	541.01	541.01		Seal Fail
43	3c	3858.57	541.09	541.09	535.52	Draw-down pretest
45	3c	3857.56	540.96	540.94		Seal Fail
47	3c	3854.60	540.55	540.54		Seal Fail
49	3c	4964.70	692.31	692.69		Seal Fail
50	3c	4950.04	689.29	689.73		Seal Check
51	3c	4940.58	688.03	689.35		Dry Test
53	3c	4937.54	688.33	688.38		Seal Fail
54	3c	4924.53	685.25	684.99		Dry Test
55	3c	4868.10	675.35	677.13	664.84	Draw-down pretest
57	3c	4842.07	673.02	673.11		Seal Fail
59	3c	4858.08	675.86	675.52	671.75	Draw-down pretest
61	3c	4858.17	674.84	674.82		Seal Fail
63	3c	4834.55	670.58	670.93		Seal Fail
65	3c	4459.05	620.47	620.85		Seal Fail

Sample Analyses

A Petrotech SmartLab was available at the rig site to check the quality and composition of any hydrocarbon sample, without jeopardising the ability to perform further extensive PVT work on the same sample. Norske Shell was prepared to run the MDT again if the sample quality (checked by Petrotech) was found not to be adequate. Petrotech could also perform quality checks/compositional analysis on any filtrate/water samples recovered (Ref. 13).

A sodium thiocyanate (NaSCN) tracer was added to the drilling mud in the objective section and its concentration should have been monitored in the returning mud so that adjustments could be made to keep the level constant. By determining the tracer concentration at the sampled depth and in the retrieved sample the degree of contamination could be determined.

Analysis by Petrotech at the rigsite showed that the samples consisted of formation water contaminated with 69% and 66% mud filtrate, as determined by the tracer concentration (Table 11). No hydrocarbons were encountered in the samples.

Table 11 : Wellsite MDT Sample Analysis

Date	04-06-98	05-06-98	19-05-98
Time	22:30	03:00	01:00
Sample number	1	2	Drill mud
Sample point	3718.57m	3718.57m	3720m
Filtrate	Filtrate/water	Filtrate/water	Filtrate
H ⁺ (mg/l)	nd	nd	nd
Na ⁺ (mg/l)	39671	42500	85166
K ⁺ (mg/l)	16941	18171	33303
Mg ²⁺ (mg/l)	31	25	Nd
Ca ²⁺ (mg/l)	66	55	15
Si ⁴⁺ (mg/l)	6	nd	nd
Ba ²⁺ (mg/l)	26	30	nd
Cl ⁻ (mg/l)	68716	71568	140081
SO ₄ ²⁻ (mg/l)	180	191	361
Br (mg/l)	549	511	930
SCN (mg/l)	246	232	353
Contamination of filtrate	69%	66%	N/a

n.b. All samples are filtered through 0.45µ filters prior to analysis.

The two formation fluid samples taken from 3718.57m MD RKB are similar in composition with similar levels of filtrate contamination. However, there is an inconsistency between the ion concentration (e.g. Cl⁻ concentration 51% lower in sample 2 than in the drill mud) and contamination level (66%) determined by the tracer concentration. Petrotech verified the onboard analyses in their onshore lab shortly after drilling (Ref. 13).

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Geochemical investigation of five mud samples from
well 6505/10-01, Norway

by

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**Summary of the geochemical data of the gas sample from
well 6505/10-01 (4690 m), Norway**

Composition Total Gas

(Mole%, corrected for the presence of air)

Methane :	96.00
Ethane :	2.50
Propane :	1.20
Iso Butane :	0.18
Normal Butane :	0.27
Iso Pentane :	0.10
Normal Pentane :	0.11
C6+ Hydrocarbons :	not detectable
Nitrogen :	not detectable
Carbon Dioxide :	not detectable
Hydrogen Sulphide :	not detectable

Gas Ratios

Methane / Ethane :	38.4
Iso Butane / Normal Butane :	0.7

Isotope Ratios

(Mass Spectrometry)

Methane (C) :	-36.0
Ethane (C) :	-31.0
Carbon Dioxide (C) :	no data
Carbon Dioxide (O) :	no data
Nitrogen (N) :	no data

Compound Specific Isotope Analysis

(Gas Chromatography / Combustion / Mass Spectrometry)

Methane :	-36.0
Ethane :	-31.0
Propane :	-31.0
Iso Butane :	-28.0
Normal Butane :	-29.0
Iso Pentane :	-27.0
Normal Pentane :	-28.0

*Summary of the geochemical data of the gas sample from
well 6505/10-01 (4696 m), Norway*

Composition Total Gas

(Mole%, corrected for the presence of air)

Methane :	96.00
Ethane :	2.70
Propane :	1.20
Iso Butane :	0.16
Normal Butane :	0.28
Iso Pentane :	0.11
Normal Pentane :	0.11
C6+ Hydrocarbons :	not detectable
Nitrogen :	not detectable
Carbon Dioxide :	not detectable
Hydrogen Sulphide :	not detectable

Gas Ratios

Methane / Ethane :	35.6
Iso Butane / Normal Butane :	0.6

Isotope Ratios

(Mass Spectrometry)

Methane (C) :	-35.0
Ethane (C) :	-30.0
Carbon Dioxide (C) :	no data
Carbon Dioxide (O) :	no data
Nitrogen (N) :	no data

Compound Specific Isotope Analysis

(Gas Chromatography / Combustion / Mass Spectrometry)

Methane :	-35.0
Ethane :	-30.0
Propane :	-31.0
Iso Butane :	-28.0
Normal Butane :	-29.0
Iso Pentane :	-26.0
Normal Pentane :	-28.0

**Summary of the geochemical data of the gas sample from
well 6505/10-01 (4702 m), Norway**

Composition Total Gas

(Mole%, corrected for the presence of air)

Methane :	96.00
Ethane :	2.60
Propane :	1.20
Iso Butane :	0.19
Normal Butane :	0.28
Iso Pentane :	0.12
Normal Pentane :	0.10
C6+ Hydrocarbons :	not detectable
Nitrogen :	not detectable
Carbon Dioxide :	not detectable
Hydrogen Sulphide :	not detectable

Gas Ratios

Methane / Ethane :	36.9
Iso Butane / Normal Butane :	0.7

Isotope Ratios

(Mass Spectrometry)

Methane (C) :	-37.0
Ethane (C) :	-31.0
Carbon Dioxide (C) :	no data
Carbon Dioxide (O) :	no data
Nitrogen (N) :	no data

Compound Specific Isotope Analysis

(Gas Chromatography / Combustion / Mass Spectrometry)

Methane :	-37.0
Ethane :	-31.0
Propane :	-31.0
Iso Butane :	-28.0
Normal Butane :	-29.0
Iso Pentane :	-26.0
Normal Pentane :	-28.0

**Summary of the geochemical data of the gas sample from
well 6505/10-01 (4751 m), Norway**

Composition Total Gas

(Mole%, corrected for the presence of air)

Methane :	98.00
Ethane :	1.70
Propane :	0.41
Iso Butane :	0.05
Normal Butane :	0.07
Iso Pentane :	0.03
Normal Pentane :	0.03
C6+ Hydrocarbons :	not detectable
Nitrogen :	not detectable
Carbon Dioxide :	not detectable
Hydrogen Sulphide :	not detectable

Gas Ratios

Methane / Ethane :	57.6
Iso Butane / Normal Butane :	0.8

Isotope Ratios

(Mass Spectrometry)

Methane (C) :	-36.0
Ethane (C) :	-31.0
Carbon Dioxide (C) :	no data
Carbon Dioxide (O) :	no data
Nitrogen (N) :	no data

Compound Specific Isotope Analysis

(Gas Chromatography / Combustion / Mass Spectrometry)

Methane :	-36.0
Ethane :	-31.0
Propane :	-30.0
Iso Butane :	-25.0
Normal Butane :	-28.0
Iso Pentane :	-26.0
Normal Pentane :	-29.0

*Summary of the geochemical data of the gas sample from
well 6505/10-01 (4839 m), Norway*

Composition Total Gas

(Mole%, corrected for the presence of air)

Methane :	96.00
Ethane :	2.20
Propane :	0.91
Iso Butane :	0.13
Normal Butane :	0.24
Iso Pentane :	0.08
Normal Pentane :	0.08
C6+ Hydrocarbons :	not detectable
Nitrogen :	not detectable
Carbon Dioxide :	not detectable
Hydrogen Sulphide :	not detectable

Gas Ratios

Methane / Ethane :	43.6
Iso Butane / Normal Butane :	0.5

Isotope Ratios

(Mass Spectrometry)

Methane (C) :	-37.0
Ethane (C) :	-31.0
Carbon Dioxide (C) :	no data
Carbon Dioxide (O) :	no data
Nitrogen (N) :	no data

Compound Specific Isotope Analysis

(Gas Chromatography / Combustion / Mass Spectrometry)

Methane :	-37.0
Ethane :	-31.0
Propane :	-31.0
Iso Butane :	-28.0
Normal Butane :	-29.0
Iso Pentane :	-27.0
Normal Pentane :	-29.0

Title: PL 215, Geochemical data, wells 6505710-1, 6706/11-1 and 6707/10-1.

Report on geochemical screening data, vitrinite reflectance and high resolution GC-MS and Multiple (Metastable) Reaction Monitoring (MRM).

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Tilgjengelighet:

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Table 1. TOC and Rock Eval pyrolysis, wells 6505/10-1 and 6706/11-1

Well name	Natio-nality	Sample name	U. Depth	L. Depth	Sample type	Litho-logy	S1 mg/g	S2 mg/g	Tmax	TOC%	HI	PI	S1(mg/gTOC)
6505/10-1	nor	139336	3493.08	3493.08	core	clst/sltst	0.20	1.10	445	1.21	90.91	0.15	16.53
6505/10-1	nor	139333	3693.28	3693.28	core	clst	0.13	0.72	452	0.93	77.42	0.15	13.98
6505/10-1	nor	139334	3696.63	3696.63	core	clst	0.09	0.67	450	0.95	70.53	0.12	9.47
6505/10-1	nor	139330	3699.38	3699.38	core	clst	0.18	1.00	448	1.08	92.59	0.15	16.67
6505/10-1	nor	139331	3705.32	3705.32	core	clst	0.13	0.76	449	1.07	71.03	0.15	12.15
6505/10-1	nor	139332	3708.55	3708.55	core	clst	0.11	0.73	450	0.69	105.80	0.13	15.94
6505/10-1	nor	139328	3717.38	3717.38	core	clst	0.09	0.88	453	1.09	80.73	0.09	8.26
6505/10-1	nor	139326	3859.12	3859.12	core	clst	0.12	0.75	454	0.89	84.27	0.14	13.48
6505/10-1	nor	139320	3875.99	3875.99	core	clst/sltst	0.06	0.74	451	0.86	86.05	0.08	6.98
6505/10-1	nor	139321	3880.50	3880.50	core	clst	0.07	0.53	450	0.74	71.62	0.12	9.46
6505/10-1	nor	139322	3883.54	3883.54	core	clst	0.12	0.91	455	0.86	105.81	0.12	13.95
6706/11-1	nor	139350	2297.50	2297.50	core	clst	0.07	0.29	449	0.68	42.65	0.19	10.29
6706/11-1	nor	139345	3121.23	3121.23	core	clst	0.06	0.67	444	1.14	58.77	0.08	5.26
6706/11-1	nor	139341	3133.02	3133.02	core	clst	0.19	1.01	448	1.19	84.87	0.16	15.97
6706/11-1	nor	139343	3136.20	3136.20	core	clst	0.13	0.74	442	0.96	77.08	0.15	13.54
6706/11-1	nor	139338	3749.50	3749.50	core	clst	0.06	1.62	450	1.20	135.00	0.04	5.00

Table 2. TOC% and Rock Eval data, well 6706/11-1 (Statoil)

Well Name	Nation	Sample Name	Depth mrkb	Sample Type	Lithology	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt	HI (mg/gTOC)	PI
6706/11-1	Nor	0003-1L	1669.00	cut	Sh/Clst	0.25	2.69		403	1.59	169	0.09
6706/11-1	Nor	0005-1L	1693.00	cut	Sh/Clst	0.28	3.20		410	1.69	189	0.08
6706/11-1	Nor	0006-1L	1700.00	cut	Sh/Clst	0.30	5.06		410	2.15	235	0.06
6706/11-1	Nor	0008-1L	1800.00	cut	Sh/Clst	0.09	0.84		386	0.85	99	0.10
6706/11-1	Nor	0010-1L	1900.00	cut	Sh/Clst	0.06	0.62		386	0.78	79	0.09
6706/11-1	Nor	0012-1L	2000.00	cut	Sh/Clst	0.05	1.54		392	1.02	151	0.03
6706/11-1	Nor	0014-1L	2100.00	cut	Sh/Clst	0.03	0.62		398	1.02	61	0.05
6706/11-1	Nor	0016-1L	2200.00	cut	Sh/Clst	0.04	1.23		395	1.00	123	0.03
6706/11-1	Nor	0061-1L	2300.64	core	Sst	0.11	0.28		353	-		0.28
6706/11-1	Nor	0062-1L	2307.32	core	Sh/Clst	0.08	2.17		432	1.58	137	0.04
6706/11-1	Nor	0063-1L	2310.23	core	Sst	0.07	0.28		354	-		0.20
6706/11-1	Nor	0064-1L	2315.28	core	Sst	0.15	0.50		367	-		0.23
6706/11-1	Nor	0065-1L	2317.56	core	Sh/Clst	0.05	1.05		428	1.06	99	0.05
6706/11-1	Nor	0066-1L	2320.05	core	Sst	0.25	0.32		352	-		0.44
6706/11-1	Nor	0018-1L	2327.00	cut	Sh/Clst	0.04	1.01		408	0.93	109	0.04
6706/11-1	Nor	0076-2L	2360.50	swc	Sst	0.04	0.26		388	0.23	113	0.13
6706/11-1	Nor	0019-1L	2375.00	cut	Sh/Clst	0.06	1.54		407	0.98	157	0.04
6706/11-1	Nor	0077-1L	2573.50	swc	Sst	0.70	0.82		349	-		0.46
6706/11-1	Nor	0078-1L	2608.00	swc	Sst	0.04	0.18		370	0.32	56	0.18
6706/11-1	Nor	0079-1L	2633.50	swc	Sst	0.71	1.02		361	-		0.41
6706/11-1	Nor	0080-1L	2708.00	swc	Sst	1.23	1.04		383	-		0.54
6706/11-1	Nor	0081-1L	2780.00	swc	Sst	0.81	0.82		370	-		0.50
6706/11-1	Nor	0082-1L	2861.00	swc	Sst	0.05	0.46		430	0.79	58	0.10
6706/11-1	Nor	0083-1L	2943.00	swc	Sst	3.09	2.81		371	-		
6706/11-1	Nor	0031-1L	2975.00	cut	Sst	0.02	1.16		430	0.94	123	0.02
6706/11-1	Nor	0033-1L	3075.00	cut	Sh/Clst	0.02	0.90		433	0.93	97	0.02
6706/11-1	Nor	0067-1L	3109.20	core	Sst	1.60	9.33		340	-		0.15
6706/11-1	Nor	0068-1L	3114.28	core	Sh/Clst	0.02	0.82		431	1.36	60	0.02
6706/11-1	Nor	0069-1L	3120.53	core	Sst	0.13	0.17		337	-		0.43

Table 2....

Well Name	Nation	Sample Name	Depth mrkb	Sample Type	Lithology	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt	HI (mg/gTOC)	PI
6706/11-1	Nor	0070-1L	3126.05	core	Sh/Clst	0.03	0.50		428	0.95	53	0.06
6706/11-1	Nor	0071-1L	3129.57	core	Sst	0.41	0.56		333	-		0.42
6706/11-1	Nor	0084-1L	3189.00	swc	Sst	1.02	1.04		376	-		0.50
6706/11-1	Nor	0036-1L	3225.00	cut	Sh/Clst	0.02	1.06		431	1.10	96	0.02
6706/11-1	Nor	0085-1L	3395.00	swc	Sst	1.98	2.10		378	-		0.49
6706/11-1	Nor	0039-1L	3400.00	cut	Sh/Clst	0.02	-		-	0.86		
6706/11-1	Nor	0086-1L	3427.00	swc	Sst	1.03	1.17		377	-		0.47
6706/11-1	Nor	0040-1L	3450.00	cut	Sh/Clst	0.03	0.08		357	0.81	10	0.27
6706/11-1	Nor	0043-1L	3600.00	cut	Sh/Clst	0.09	0.27		391	0.83	33	0.25
6706/11-1	Nor	0087-1L	3684.00	swc	Sh/Clst	0.08	0.84		434	0.79	106	0.09
6706/11-1	Nor	0088-1L	3741.00	swc	Sst	2.55	1.75		376	-		0.59
6706/11-1	Nor	0071-1L	3744.00	core	Sst	0.54	0.40		380	-		0.57
6706/11-1	Nor	0073-1L	3745.15	core	Sst	0.25	0.32		380	-		0.44
6706/11-1	Nor	0074-1L	3746.69	core	Sst	0.29	0.24		378	-		0.55
6706/11-1	Nor	0075-1L	3748.79	core	Sst	0.34	0.32		433	-		0.52
6706/11-1	Nor	0046-1L	3750.00	cut	Sh/Clst	0.02	1.26		437	1.01	125	0.02
6706/11-1	Nor	0089-1L	3744.00	swc	Sh/Clst	0.08	1.33		438	1.12	119	0.06
6706/11-1	Nor	0090-1L	3894.00	swc	Sh/Clst	0.14	1.17		434	0.98	119	0.11
6706/11-1	Nor	0091-1L	3949.50	swc	Sh/Clst	0.06	1.77		439	1.05	169	0.03
6706/11-1	Nor	0092-1L	4063.00	swc	Sh/Clst	0.20	1.54		438	1.09	141	0.11
6706/11-1	Nor	0093-1L	4142.00	swc	Sst	1.64	2.00		365	-		0.45
6706/11-1	Nor	0094-1L	4180.00	swc	Sst	2.57	1.73		367	-		0.60
6706/11-1	Nor	0095-1L	4247.10	swc	Sh/Clst	0.40	2.52		396	1.13	223	0.14
6706/11-1	Nor	0057-1L	4275.00	cut	Sh/Clst	0.02	0.78		447	1.09	72	0.03
6706/11-1	Nor	0059-1L	4299.00	cut	Sh/Clst	0.02	0.74		442	0.87	85	0.03
6706/11-1	Nor	0096-1L	4308.00	swc	Sh/Clst	0.05	0.93		422	0.88	106	0.05

Table 3. TOC% and Rock Eval data, well 6706/11-1 (BP)

Well Name	Nation	Sample Name	Depth mrkb	Sample Type	Lithology	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt	HI (mg/gTOC)	PI
6707/10-1	Nor		2210.00		Mudstone					0.83		
6707/10-1	Nor		2228.00		Mudstone					0.86		
6707/10-1	Nor		2240.00		Mudstone					0.93		
6707/10-1	Nor		2244.00		Mudstone					0.73		
6707/10-1	Nor		2252.00		Mudstone	0.70	2.20		362	2.39	92	0.24
6707/10-1	Nor		2264.00		Mudstone					0.98		
6707/10-1	Nor		2270.00		Mudstone	0.80	6.00		397	1.11	541	0.12
6707/10-1	Nor		2282.00		Mudstone					0.85		
6707/10-1	Nor		2295.00		Mudstone							
6707/10-1	Nor		2300.00		Mudstone	0.70	4.30		408	1.06	406	0.14
6707/10-1	Nor		2390.00		Mudstone					0.77		
6707/10-1	Nor		2422.00		Mudstone	0.80	3.00		362	1.19	252	0.21
6707/10-1	Nor		2437.00		Mudstone					0.92		
6707/10-1	Nor		2440.00		Mudstone	1.00	4.60		393	1.48	311	0.18
6707/10-1	Nor		2465.00		Mudstone	0.90	5.40		386	1.15	470	0.14
6707/10-1	Nor		2490.00		Mudstone					0.92		
6707/10-1	Nor		2520.00		Mudstone	0.80	5.60		380	1.12	500	0.13
6707/10-1	Nor		2540.00		Mudstone					0.94		
6707/10-1	Nor		2570.00		Mudstone	1.30	3.70		374	1.00	370	0.26
6707/10-1	Nor		2590.00		Mudstone					0.87		
6707/10-1	Nor		2610.00		Mudstone	0.80	3.80		375	1.01	376	0.17
6707/10-1	Nor		2640.00		Mudstone					0.98		
6707/10-1	Nor		2670.00		Mudstone					0.99		
6707/10-1	Nor		2690.00		Mudstone					0.91		

Table 3..

Well Name	Nation	Sample Name	Depth mrkb	Sample Type	Lithology	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt	HI (mg/gTOC)	PI
6707/10-1	Nor		2720.00		Mudstone	0.70	4.40		376	1.04	423	0.14
6707/10-1	Nor		2740.00		Mudstone	0.80	4.00		380	1.04	385	0.17
6707/10-1	Nor		2770.00		Mudstone					0.93		
6707/10-1	Nor		2790.00		Mudstone	0.80	3.20		384	1.02	314	0.20
6707/10-1	Nor		2820.00		Mudstone	0.60	4.00		384	1.15	348	0.13
6707/10-1	Nor		2840.00		Mudstone	0.70	3.70		381	1.11	333	0.16
6707/10-1	Nor		2870.00		Mudstone	0.70	4.20		379	1.05	400	0.14
6707/10-1	Nor		2890.00		Mudstone	1.80	11.80		364	1.15	1026	0.13
6707/10-1	Nor		2912.00		Mudstone	1.30	7.60		360	1.29	589	0.15
6707/10-1	Nor		2924.00		Mudstone	1.00	8.60		361	1.12	768	0.10
6707/10-1	Nor		2939.00		Mudstone	1.80	8.90		365	1.13	788	0.17
6707/10-1	Nor		2967.00		Mudstone	1.10	3.90		362	1.49	262	0.22
6707/10-1	Nor		2968.00		Mudstone	1.00	2.60		431	1.34	194	0.28
6707/10-1	Nor		2969.00		Mudstone	1.20	3.40		344	1.12	304	0.26
6707/10-1	Nor		2970.00		Mudstone	0.80	1.90		434	1.20	158	0.30
6707/10-1	Nor		2971.00		Mudstone					0.82	0	
6707/10-1	Nor		2972.00		Mudstone	0.70	2.20		424	1.27	173	0.24
6707/10-1	Nor		2973.00		Mudstone					0.99		
6707/10-1	Nor		2974.10		Mudstone					0.72		
6707/10-1	Nor		2976.00		Mudstone	1.10	3.00		334	1.22	246	0.27
6707/10-1	Nor		2982.00		Mudstone	0.90	2.70		427	1.45	186	0.25
6707/10-1	Nor		2984.00		Mudstone	1.40	3.30		424	1.43	231	0.30
6707/10-1	Nor		3000.00		Mudstone					0.49		
6707/10-1	Nor		3001.00		Mudstone					0.98		
6707/10-1	Nor		3002.00		Mudstone	7.60	19.10		418	15.62	122	0.28
6707/10-1	Nor		3010.00		Mudstone	1.30	4.60		430	1.54	299	0.22
6707/10-1	Nor		3014.00		Mudstone	1.40	4.30		338	1.76	244	0.25
6707/10-1	Nor		3019.00		Mudstone	1.20	2.90		430	1.13	257	0.29

Table 3...

Well Name	Nation	Sample Name	Depth mrkb	Sample Type	Lithology	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt	HI (mg/gTOC)	PI
6707/10-1	Nor		3019.98		Mudstone					0.93		
6707/10-1	Nor		3019.83		Mudstone					0.91		
6707/10-1	Nor		3022.00		Mudstone	0.90	2.70		432	1.07	252	0.25
6707/10-1	Nor		3022.92		Mudstone					0.35		
6707/10-1	Nor		3037.18		Mudstone	1.20	4.80		432	1.58	304	0.20
6707/10-1	Nor		3048.50		Mudstone					0.93		
6707/10-1	Nor		3054.85		Mudstone	1.30	3.50		430	1.87	187	0.27
6707/10-1	Nor		3081.00		Mudstone	1.30	4.10		420	2.65	155	0.24
6707/10-1	Nor		3105.00		Mudstone	1.70	6.00		431	2.76	217	0.22
6707/10-1	Nor		3119.00		Mudstone	1.10	4.20		356	1.01	416	0.21
6707/10-1	Nor		3128.00		Mudstone	1.00	1.30		398	-		0.43
6707/10-1	Nor		3155.00		Mudstone	0.90	2.00		362	0.67	299	0.31
6707/10-1	Nor		3170.00		Mudstone	0.90	3.40		354	-		0.21
6707/10-1	Nor		3194.00		Mudstone	1.30	4.20		359	1.32	318	0.24
6707/10-1	Nor		3215.00		Mudstone	2.30	####		373	1.06	953	0.19
6707/10-1	Nor		3302.00		Mudstone	5.70	####		380	1.01	1139	0.33
6707/10-1	Nor		3329.00		Mudstone					1.39	0	
6707/10-1	Nor		3356.00		Mudstone	5.50	15.10		383	1.39	1086	0.27
6707/10-1	Nor		3401.00		Mudstone	0.90	9.30		367	1.24	750	0.09
6707/10-1	Nor		3428.00		Mudstone	8.90	12.40		378	1.22	1016	0.42
6707/10-1	Nor		3494.00		Mudstone	1.10	4.60		432	1.37	336	0.19
6707/10-1	Nor		3554.00		Mudstone	0.90	7.10		358	1.27	559	0.11
6707/10-1	Nor		3572.00		Mudstone	6.10	11.60		376	1.07	1084	0.34
6707/10-1	Nor		3599.00		Mudstone	5.70	13.40		380	1.55	865	0.30
6707/10-1	Nor		3635.00		Mudstone	4.30	13.50		378	1.41	957	0.24
6707/10-1	Nor		3662.00		Mudstone	4.60	11.60		379	1.14	1018	0.28
6707/10-1	Nor		3707.00		Mudstone	5.20	13.50		376	1.35	1000	0.28
6707/10-1	Nor		3752.00		Mudstone	1.10	7.50		344	1.24	605	0.13

Table 3...

Well Name	Nation	Sample Name	Depth mrkb	Sample Type	Lithology	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt	HI (mg/gTOC)	PI
6707/10-1	Nor		3806.00		Mudstone	1.60	8.00		345	1.16	690	0.17
6707/10-1	Nor		3815.00		Mudstone	1.50	9.10		355	1.09	835	0.14
6707/10-1	Nor		3824.00		Mudstone	1.60	7.40		348	1.07	692	0.18
6707/10-1	Nor		3833.00		Mudstone	1.90	7.90		356	1.00	790	0.19
6707/10-1	Nor		3842.00		Mudstone	1.40	7.70		356	1.09	706	0.15
6707/10-1	Nor		3851.00		Mudstone	1.10	6.90		346	1.07	645	0.14
6707/10-1	Nor		3860.00		Mudstone	1.30	8.50		353	1.08	787	0.13
6707/10-1	Nor		3869.00		Mudstone	1.30	7.00		351	1.08	648	0.16
6707/10-1	Nor		3871.00		Mudstone	1.30	7.20		351	1.00	720	0.15
6707/10-1	Nor		3901.00		Mudstone					0.93		
6707/10-1	Nor		3912.00		Mudstone					0.95		
6707/10-1	Nor		3925.00		Mudstone					0.98		
6707/10-1	Nor		3933.00		Mudstone ¹	0.80	3.80		356	1.17	325	0.17
6707/10-1	Nor		3949.00		Mudstone	1.40	4.70		345	1.04	452	0.23
6707/10-1	Nor		4021.00		Mudstone	1.20	3.80		345	1.09	349	0.24
6707/10-1	Nor		4039.00		Mudstone	3.1	9.6		333	1.76	545	0.24
6707/10-1	Nor		4063.50		Mudstone	0.90	5.40		365	1.16	466	0.14
6707/10-1	Nor		4075.00		Mudstone	0.90	4.40		356	1.27	346	0.17
6707/10-1	Nor		4097.00		Mudstone	1.10	5.50		357	1.28	430	0.17
6707/10-1	Nor		4100.50		Mudstone	1.10	7.10		361	1.34	530	0.13
6707/10-1	Nor		4138.00		Mudstone	1.30	2.90		438	1.71	170	0.31
6707/10-1	Nor		4138.20		Mudstone	0.80	2.50		441	1.59	157	0.24
6707/10-1	Nor		4143.50		Mudstone	1.00	4.80		360	1.44	333	0.17
6707/10-1	Nor		4150.00		Mudstone	1.00	5.00		394	1.28	391	0.17
6707/10-1	Nor		4162.00		Mudstone	1.00	3.20		356	1.24	258	0.24
6707/10-1	Nor		4174.00		Mudstone	1.50	4.00		339	1.23	325	0.27
6707/10-1	Nor		4175.00		Mudstone	1.00	5.10		359	1.13	451	0.16
6707/10-1	Nor		4210.00		Mudstone	1.30	5.60		349	1.22	459	0.19

Table 3....

Well Name	Nation	Sample Name	Depth mrkb	Sample Type	Lithology	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt	HI (mg/gTOC)	PI
6707/10-1	Nor		4248.00		Mudstone					0.66		
6707/10-1	Nor		4252.00		Mudstone	1.00	4.00		344	1.04	385	0.20
6707/10-1	Nor		4276.00		Mudstone	1.30	4.80		347	1.18	407	0.21
6707/10-1	Nor		4295.00		Mudstone					0.96		
6707/10-1	Nor		4300.00		Mudstone	1.30	6.30		349	1.10	573	0.17
6707/10-1	Nor		4325.00		Mudstone	1.00	5.50		348	1.01	545	0.15
6707/10-1	Nor		4339.50		Mudstone					0.85		
6707/10-1	Nor		4351.00		Mudstone	0.90	6.50		350	1.08	602	0.12
6707/10-1	Nor		4360.00		Mudstone	0.80	3.80		352	1.32	288	0.17
6707/10-1	Nor		4375.00		Mudstone	1.00	5.30		349	1.00	530	0.16
6707/10-1	Nor		4390.00		Mudstone					0.72		
6707/10-1	Nor		4400.00		Mudstone							
6707/10-1	Nor		4411.00		Mudstone	0.90	2.80		434	1.14	246	0.24
6707/10-1	Nor		4423.00		Mudstone					0.98		
6707/10-1	Nor		4425.00		Mudstone					0.94		
6707/10-1	Nor		4437.00		Mudstone					0.96		
6707/10-1	Nor		4450.00		Mudstone					0.95		
6707/10-1	Nor		4468.00		Mudstone	1.20	3.50		349	1.17	299	0.26
6707/10-1	Nor		4480.00		Mudstone	1.00	2.90		354	1.02	284	0.26
6707/10-1	Nor		4495.00		Mudstone	1.10	4.50		342	1.05	429	0.20
6707/10-1	Nor		4510.00		Mudstone	1.20	4.50		345	1.06	425	0.21
6707/10-1	Nor		4520.00		Mudstone	1.00	4.50		352	1.09	413	0.18
6707/10-1	Nor		4534.00		Mudstone	1.10	3.50		351	1.05	333	0.24
6707/10-1	Nor		4549.00		Mudstone	0.90	3.80		352	1.01	376	0.19
6707/10-1	Nor		4560.50		Mudstone					0.92		
6707/10-1	Nor		4576.00		Mudstone					0.93		
6707/10-1	Nor		4590.00		Mudstone					0.92		
6707/10-1	Nor		4600.00		Mudstone					0.99		

Table 3...

Well Name	Nation	Sample Name	Depth mrkb	Sample Type	Lithology	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt	HI (mg/gTOC)	PI
6707/10-1	Nor		4615.00		Mudstone	1.10	1.90		327	1.03	184	0.37
6707/10-1	Nor		4630.00		Mudstone					0.82		
6707/10-1	Nor		4645.00		Mudstone					0.96		
6707/10-1	Nor		4654.00		Mudstone					0.98		
6707/10-1	Nor		4669.00		Mudstone	1.48	4.00		333	1.09	367	0.27
6707/10-1	Nor		4684.00		Mudstone					0.99		
6707/10-1	Nor		4699.00		Mudstone	0.89	3.50		344	1.04	337	0.20
6707/10-1	Nor		4714.00		Mudstone	0.81	3.70		354	1.14	325	0.18
6707/10-1	Nor		4732.00		Mudstone	0.89	3.80		345	1.01	376	0.19
6707/10-1	Nor		4744.00		Mudstone					0.93		
6707/10-1	Nor		4759.00		Mudstone	1.11	4.20		344	1.03	408	0.21
6707/10-1	Nor		4774.00		Mudstone	0.96	4.50		348	1.09	413	0.18
6707/10-1	Nor		4789.00		Mudstone	1.16	4.40		347	-		0.21
6707/10-1	Nor		4800.00		Mudstone	1.10	3.50		348	1.05	333	0.24
6707/10-1	Nor		4816.00		Mudstone	1.00	3.00		337	-		0.25
6707/10-1	Nor		4825.00		Mudstone	1.20	5.20		357	1.27	409	0.19
6707/10-1	Nor		4831.00		Mudstone					0.99		
6707/10-1	Nor		4846.00		Mudstone	1.00	4.30		349	1.14	377	0.19
6707/10-1	Nor		4861.00		Mudstone	0.87	4.70		352	1.09	431	0.16
6707/10-1	Nor		4876.00		Mudstone	1.05	4.00		347	1.03	388	0.21
6707/10-1	Nor		4891.00		Mudstone	1.11	7.30		358	1.12	652	0.13
6707/10-1	Nor		4906.00		Mudstone	1.06	5.20		340	1.07	486	0.17
6707/10-1	Nor		4921.00		Mudstone	0.99	6.40		348	1.08	593	0.13
6707/10-1	Nor		4936.00		Mudstone					0.97		
6707/10-1	Nor		4948.00		Mudstone					0.94		
6707/10-1	Nor		4950.00		Mudstone					0.93		
6707/10-1	Nor		4963.00		Mudstone	1.74	6.40		346	1.13	566	0.21
6707/10-1	Nor		4981.00		Mudstone					0.92		
6707/10-1	Nor		4993.00		Mudstone	2.00	8.50		367	1.12	759	0.19
6707/10-1	Nor		5005.00		Mudstone	1.19	7.60		363	1.04	731	0.14
6707/10-1	Nor		5027.00		Mudstone	1.10	3.40		356	1.08	315	0.24

Table 4. Iatroscan analysis, wells 6505/10-1, 6706/11-1 and 6707/10-1

Well name	Natio-nality	Sample name	U. Depth	L. Depth	Sample type	Litho-logy	Weight of rock (g)	EOM (mg/g)	SAT (mg/g)	ARO (mg/g)	POL (mg/g)
6505/10-1	nor	139335	3485.38	3485.38	core	sltst	3.20	0.04	0.02	0.00	0.02
6505/10-1	nor	139327	3711.50	3711.50	core	sst	2.10	0.08	0.04	0.03	0.01
6505/10-1	nor	139329	3719.80	3719.80	core	sst	3.32	0.03	0.00	0.00	0.03
6505/10-1	nor	139323	3862.58	3862.58	core	sltst	2.11	0.08	0.04	0.02	0.02
6505/10-1	nor	139324	3866.15	3866.15	core	sltst	2.20	0.09	0.06	0.01	0.02
6505/10-1	nor	139325	3869.28	3869.28	core	sltst	2.51	0.10	0.04	0.03	0.03
6505/10-1	nor	139319	3872.25	3872.25	core	sltst	2.36	0.06	0.03	0.01	0.02
6706/11-1	nor	139347	2299.20	2299.20	core	sst	2.52	0.25	0.05	0.06	0.14
6706/11-1	nor	139348	2303.48	2303.48	core	sltst/clst	3.04	0.50	0.09	0.08	0.33
6706/11-1	nor	139349	2308.37	2308.37	core	sst	2.74	0.21	0.05	0.02	0.14
6706/11-1	nor	139346	2321.08	2321.08	core	sst	2.93	0.12	0.00	0.00	0.12
6706/11-1	nor	139344	3115.27	3115.27	core	sltst/clst	3.19	0.05	0.00	0.00	0.05
6706/11-1	nor	139340	3129.27	3129.27	core	sst	2.91	0.08	0.00	0.00	0.08
6706/11-1	nor	139342	3135.30	3135.30	core	sst	3.04	0.15	0.00	0.00	0.15
6706/11-1	nor	139337	3744.60	3744.60	core	sst	3.30	0.10	0.00	0.00	0.10
6707/10-1	nor	125444	3131.50	3131.50	ccp	sst	2.98	0.10	0.00	0.00	0.10
6707/10-1	nor	125445	3134.50	3134.50	ccp	sst	3.56	0.09	0.00	0.00	0.09
6707/10-1	nor	125446	3140.50	3140.50	ccp	sst	3.53	0.06	0.00	0.00	0.06
6707/10-1	nor	125447	3145.50	3145.50	ccp	sst	3.09	0.08	0.00	0.00	0.08

**Table 5. Multipel/metastable Reaction Monitoring (MRM) on the m/z 358 -217 transition
Analysis of C26 steranes and tabulation of the (24 R+24S)/(27R+27S) nordiacholestane ratio**

Well name	Sample nr	Formation	U. Depth mrkb	L. Depth mrkb	Sample type	Sample name	Lithology	C-26 24/27 diachol. ratio
6505/10-1	139336		3493.08	3493.08	Core		clst/sltst	0.43
6505/10-1	139336		3699.38	3699.38	Core		clst	0.51
6505/10-1	139331		3705.32	3705.32	Core		clst	0.43
6505/10-1	139327		3711.50	3711.50	Core		sst	-
6505/10-1	139328		3717.38	3717.38	Core		clst	0.43
6505/10-1	139324		3866.15	3866.15	Core		sltst	-
6505/10-1	139325		3869.28	3869.28	Core		sltst	0.48(?)
6505/10-1	139322		3883.54	3883.54	Core		clst	0.35
6706/11-1	139347		2292.20	2292.20	Core		sst	-
6706/11-1	139350		2297.50	2297.50	Core		clst	0.71
6706/11-1	139348		2303.48	2303.48	Core		clst/sltst	-
6706/11-1	139345		3121.23	3121.23	Core		clst	0.55
6706/11-1	139341		3133.02	3133.02	Core		clst	0.60
6706/11-1	139338		3749.50	3749.50	Core		clst	0.39
6707/10-1	126362		2961.00	2961.00	MDT	DB24	oil/condensate	0.64
6707/10-1	125444		3131.50	3131.50	Core		sst	0.50
6707/10-1	125445		3134.50	3134.50	Core		sst	0.45
6707/10-1	125446		3140.50	3140.50	Core		sst	0.51
6707/10-1	125447		3145.50	3145.50	Core		sst	0.48
6707/10-1	127907		3956.00	3956.00	Core		sst	0.30
6707/10-1	127611		3981.50	3981.50	Core		sst	0.25
6707/10-1	127612		4185.00	4185.00	Core		sst	0.25

Summary

Table 6. Peak height ratios based on m/z 191, 217, 218, 178, 192, 231 and 253, EOM SIR analysis Claystones from well 6505/10-1 and 6706/11-1

Well Sampl type depth(mrkb) Lithology:	Ratio	6505/10-1 Core 3493.08 Clst	6505/10-1 Core 3699.38 Clst	6505/10-1 Core 3705.32 Clst	6505/10-1 Core 3717.38 Clst	6505/10-1 Core 3883.54 Clst	6706/11-1 Core 2297.5 Clst	6706/11-1 Core 3121.23 Clst	6706/11-1 Core 3133.02 Clst	6706/11-1 Core 3749.5 Clst
m/z 191:	C32(α)(β)S/(C32(α)(β)S+R)	0.596	0.596	0.593	0.589	0.607	0.264	0.41	0.402	0.593
	27Ts/(27Ts+27Tm)	0.165	0.698	0.653	0.656	0.496	0.403	0.215	0.1	0.289
	30d/29(β)(α)	11.674	15.485	22.109	34.826	42.386	0.394	5.615	5.126	2.483
	29Ts/29(α)(β)	0.142	0.635	0.523	0.578	0.444	0.3	0.222	0.143	0.251
	28(α)(β)/30(α)(β)	0.409	0.076	0.042	0.034	0.021	0.173	0.525	0.091	0.117
	29(α)(β)/30(α)(β)	0.714	0.369	0.37	0.405	0.535	0.322	0.548	0.549	0.678
	(23/3)/30(α)(β)	0.337	0.061	0.052	0.133	0.465	0.037	1.157	0.07	0.068
	(24/4)/30(α)(β)	0.095	0.047	0.049	0.06	0.184	0.018	0.144	0.038	0.061
	(35(α)(β)S+R)/30(α)(β)	0.038	0.056	0.049	0.067	0.06	0.035	0.151	0.05	0.119
m/217:	29(α)(α)S/(29(α)(α)S+R)	0.431	0.466	0.472	0.469	0.452	0.044	0.15	0.111	0.406
	29(β)(β)/(29(β)(β) + 29(α)(α))	0.427	0.589	0.566	0.562	0.589	0.238	0.363	0.345	0.4
	(27d(β))/(27(α)(α))	1.248	2.817	2.364	2.747	2.009	0.203	1.788	1.324	1.666
m/z 218:	%C27	33.7	32.8	36	36.7	39.5	22.2	35.3	33.9	32.9
	%C28	29.1	37.3	27.4	29.4	25.7	38	32.8	34.3	36.1
	%C29	37.2	29.9	36.6	33.9	34.9	39.9	32	31.8	31
m/z 217 & 218:	%29(β)(β)	54.8	70	68.1	68.7	70.5	21.4	45.3	40.8	51.6
m/z 178 & 192:	1.5*(2-/3-MP)/(P+1-/9-MP)	0.445	0.51	0.596	0.498	0.535	0.379	0.793	0.545	0.523
	(2-/3-MP)/(1-/2-/3-/9-MP)	0.429	0.438	0.441	0.434	0.449	0.356	0.658	0.61	0.518
m/z 231 & 253:	Aromatization	0.904	0.862	0.881	0.885	0.909	0.133	0.268	0.364	0.832
	Cracking	0.431	0.356	0.484	0.504	0.798	0.474	0.337	0.097	0.239

Sheet1

Table 7. Vitrinite reflectance data table well 6505/10-1									
Analysis type:		Vitrinite reflectance							
Well:		6505/10-1							
Number of samples:		18							
Time period for analysis:		oct-98							
Analysis performed by:		Kristine Aasgaard, Institutt for energiteknikk							
Analysis ordered by:		Saga Petroleum							
FE samp	Depth	Sample	Lithology	Vitr. refl.	Stand.	Number of	Sample	Sample	Sample
code	(mRKB)	type		(%Rm)	dev.	readings	description	quality	prep.
981128	3872.25	CORE	clyst	0.62	0.06	23	0000+	M/st	HF
981129	3875.99	CORE	clyst	0.63	0.05	21	0000+	M/st	HF
981130	3880.5	CORE	clyst	0.67	0.06	21	000-0	M/st	HF
981131	3883.54	CORE	clyst	0.62	0.07	24	000-00	M/st	HF
981132	3862.58	CORE	clyst	0.62	0.05	21	000-0+	M/st	HF
981133	3866.15	CORE	clyst	0.64	0.06	22	000+	M/st	HF
981134	3869.28	CORE	clyst	0.62	0.06	23	0000+	M/st	HF
981135	3859.12	CORE	clyst	0.64	0.05	23	000+	M/st	HF
981136	3711.5	CORE	clyst	barren	-	-	-	-	HF
981137	3717.38	CORE	clyst	0.56	0.08	21	000-0+	M/st	HF
981138	3719.8	CORE	clyst	0.57	0.05	21	000+	M/st	HF
981139	3699.38	CORE	clyst	0.53	0.06	21	00+	P/st	HF
981140	3705.32	CORE	clyst	0.56	0.05	21	000+	M/st	HF
981141	3708.55	CORE	clyst	0.58	0.05	24	0000+	M/st	HF
981142	3693.28	CORE	clyst	0.55	0.06	25	000+	M/st	HF
981143	3696.63	CORE	clyst	0.55	0.07	26	000+	M/st	HF
981144	3485.38	CORE	clyst	0.59	0.07	24	000+	M/st	HF
981145	3493.08	CORE	clyst	0.51	0.07	21	000+	M/st	HF

Sheet1

Table 8. Vitrinite reflectance data table well 6706/11-1									
Analysis type:		Vitrinite reflectance							
Well:		6706/11-1							
Number of samples:		13							
Time period for analysis:		oct-98							
Analysis performed by:		Kristine Aasgaard, Institutt for energiteknikk							
Analysis ordered by:		Saga Petroleum							
FE sampl code	Depth (mRKB)	Sample type	Lithology	Vitr. refl. (%Rm)	Stand. dev.	Number of readings	Sample description	Sample quality	Sample prep.
981146	3744.6	CORE	clyst	0.54	0.06	6	-00+	P	HF
981147	3749.5	CORE	clyst	0.51	0.07	15	000+	M	HF
981149	3129.27	CORE	clyst	0.38	0.05	7	-00+	P	HF
981150	3133.02	CORE	clyst	0.42	0.04	25	000-0+	M	HF
981151	3135.3	CORE	clyst	0.39	0.05	14	-±0+	P	HF
981152	3136.2	CORE	clyst	0.43	0.06	23	000-0+	M	HF
981153	3115.27	CORE	clyst	0.37	0.05	24	000+	M	HF
981154	3121.23	CORE	clyst	0.40	0.04	23	000-0+	M	HF
981155	2321.08	CORE	sst/clyst	0.25	0.03	15	-00+	M	HF
981156	2299.2	CORE	sst/clyst	0.23	0.04	4	-00+	P	HF
981157	2303.48	CORE	clyst	0.26	0.02	20	0000+	M	HF
981158	2308.37	CORE	sst	barren	-	-	-	-	HF
981159	2297.5	CORE	clyst/sst	barren	-	-	-	-	HF