



Visual Kerogen Analysis

TABLE NO.:
WELL NO.: 34/8-1

Sample	Depth (m)	Composition of residue	Particle size	Preservation palynomorphs	Thermal maturation index	Remarks
C-3957	3020.90	WR!, W(55%), Amorphous/Algal (40%), Cut, P, Cy	F-M	Poor to fair	1+/2-	Fine residue fluffy aggregates. Pale palynomorphs very thin-walled. Opaque black minerals.
C-3958	3033	*WR!, W, Amorphous/Algal Cut, P	F-M	Variable	1+/2-	*Opaque mineral aggregates dominate. Fine material and palynomorphs as C-3957 above, tentatively same proportions.
C-3959	3079	*W(20%), ?Cut, P, S, Cy (70%)	F-M	Fair to poor	1/1+	*Pyritic firm aggregates of very pale degraded and thin walled material. Degraded remains obscure palynomorphs. Distinction of categories low confidence.

ABBREVIATIONS

Am Amorphous
He Herbaceous
Cut Cuticles

Cy Cysts, algae
P Pollen grains
S Spores

W Woody material
C Coal
R! Reworked

F Fine
M Medium
L Large



Visual Kerogen Analysis

TABLE NO.:
WELL NO.: 34/8-1

Sample	Depth (m)	Composition of residue	Particle size	Preservation palynomorphs	Thermal maturation index	Remarks
C-3960	3195	*W(35%),Cut(20%),Algal (10%),P,S(35%)	F-M	Fair to poor	1/1+	*Small residue. After sieving strong resemblance with the C-3954, C-3956 samples and C-3959. May represent lithologies from different levels.
C-3961	3419.1	*W	F-M	-	-	*Small residue, occasional wood fragments. Opaque minerals dominate.
C-3962	3550	*W	F-M	-	-	*Small residue, occasional wood fragments. Opaque minerals dominate.

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Visual Kerogen Analysis

TABLE NO.:
WELL NO.: 34/8-1

Sample	Depth (m)	Composition of residue	Particle size	Preservation palynomorphs	Thermal maturation index	Remarks
C-3963	3595	*W				*Small residue a very fine matrix. After sieving grey etched woody material. Changes caused by increased temperatures during drilling procedure?

ABBREVIATIONS

Am Amorphous
He Herbaceous
Cut Cuticles

Cy Cysts, algae
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C Coal
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VITRINITE REFLECTANCE DATA

IKU NO	LOCATION	DEPTH (M)	VITRINITE REFLECTANCE	PP	STANDARD DEVIATION	FLUORESCENCE
C 3069	----	1057.5	0.26 (7) 0.65 (2)	Y N	0.04 0.06	1-3
C 3070	----	1161.0	0.32 (5) 0.19 (2) 0.71 (1)	Y N N	0.09 0.01 0.00	1-3
C 3071	----	1271.0	0.14 (1) 0.69 (3) 1.17 (1)	N N N	0.00 0.15 0.00	2-3
C 3072	----	1380.0	0.27 (4) 0.97 (2)	Y N	0.07 0.08	3-4?
C 3073	----	1422.5	0.34 (9) 0.58 (3) 0.88 (2)	Y N N	0.05 0.08 0.00	3-4
C 3074	----	1649.0	0.42 (7) 0.78 (7)	Y N	0.07 0.14	3-4
C 3075	----	1782.0	1.06 (6)	N	0.25	2-3
C 3076	----	1786.0	0.33 (6) 0.60 (5) 1.05 (3)	Y N N	0.06 0.03 0.05	3-4
C 3077	----	1815.0	1.03 (3)	N	0.14	4
C 3078	----	1844.0	0.32 (1) 0.24 (1) 0.79 (3)	Y N N	0.00 0.00 0.23	1-3
C 3079	----	1955.0	0.82 (12) 1.27 (3)	N N	0.15 0.09	4,6-7

*=Readings are reasonably representative
 R=This principal population contains reworked material
 N.D.P.=No determination possible
 B=Average reflectance value may be slightly low due to bitumen staining or poor preservation.

VITRINITE REFLECTANCE DATA

IKU NO	LOCATION	DEPTH (M)	VITRINITE REFLECTANCE	PP	STANDARD DEVIATION	FLUORESCENCE
C 3080	----	2064.0	0.64 (3) 0.98 (6)	N	0.08 0.11	4-5
C 3081	----	2107.0	0.46 (5) 0.68 (10) 1.17 (5)	Y N N	0.03 0.10 0.13	4-5
C 3082	----	2205.0	0.39 (2) 0.64 (6) 0.92 (4)	Y N N	0.00 0.07 0.06	5-6
C 3083	----	2320.0	0.45 (6) 0.69 (4) 1.02 (8)	Y N N	0.03 0.11 0.08	5-6

*=Readings are reasonably representative

R=This principal population contains reworked material

N.D.P.=No determination possible

B=Average reflectance value may be slightly low due to bitumen staining or poor preservation.

VITRINITE REFLECTANCE DATA

IKU NO	LOCATION	DEPTH (M)	VITRINITE REFLECTANCE	PP	STANDARD DEVIATION	FLUORESCENCE
C 3069	----	1057.5	0.26 (7) 0.65 (2)	Y N	0.04 0.06	1-3
C 3070	----	1161.0	0.32 (5) 0.19 (2) 0.71 (1)	Y N N	0.09 0.01 0.00	1-3
C 3071	----	1271.0	0.14 (1) 0.69 (3) 1.17 (1)	N N N	0.00 0.15 0.00	2-3
C 3072	----	1380.0	0.27 (4) 0.97 (2)	Y N	0.07 0.08	3-4?
C 3073	----	1422.5	0.34 (9) 0.58 (3) 0.88 (2)	Y N N	0.05 0.08 0.00	3-4
C 3074	----	1649.0	0.42 (7) 0.78 (7)	Y N	0.07 0.14	3-4
C 3075	----	1782.0	1.06 (6)	N	0.25	2-3
C 3076	----	1786.0	0.33 (6) 0.60 (5) 1.05 (3)	Y N N	0.06 0.03 0.05	3-4
C 3077	----	1815.0	1.03 (3)	N	0.14	4
C 3078	----	1844.0	0.32 (1) 0.24 (1) 0.79 (3)	Y N N	0.00 0.00 0.23	1-3
C 3079	----	1955.0	0.82 (12) 1.27 (3)	N N	0.15 0.09	4,6-7

*=Readings are reasonably representative
 R=This principal population contains reworked material
 N.D.P.=No determination possible
 B=Average reflectance value may be slightly low due to bitumen staining or poor preservation.

VITRINITE REFLECTANCE DATA

IKU NO	LOCATION	DEPTH (M)	VITRINITE REFLECTANCE	PP	STANDARD DEVIATION	FLUORESCENCE
C 3943	----	2400.0	0.40 (6) 0.84 (8)	Y N	0.06 0.12	3-4
C 3944	----	2445.5	0.41 (3) 0.72 (14) 1.16 (3)	Y N N	0.08 0.11 0.04	3-4
C 3945	----	2511.0	0.64 (10)R 0.98 (4)	Y N	0.07 0.03	3-4
C 3946	----	2550.0	0.41 (9) 0.59 (10) 0.90 (2)	Y N N	0.04 0.06 0.05	4-5
C 3948	----	2606.5	0.35 (2) 0.69 (12) 1.09 (1)	Y N N	0.04 0.10 0.00	2-5
C 3947	----	2655.0	0.41 (6) 0.84 (2) 1.32 (2)	Y N N	0.05 0.08 0.04	4-6
C 3950	----	2765.0	0.47 (18)* 0.97 (2)	Y N	0.07 0.07	6-7
C 3951	----	2765.5	0.50 (6) 0.71 (13) 1.17 (1)	Y N N	0.06 0.07 0.00	6
C 3953	----	2839.5	0.43 (28)* 0.73 (2)	Y N	0.07 0.06	6
C 3956	----	2954.0	0.51 (30)*	Y	0.04	5-6
C 3954	----	2967.0	0.41 (15)L 0.61 (4) 0.90 (1)	Y N N	0.05 0.04 0.00	4a

*=Readings are reasonably representative
 R=This principal population contains reworked material
 N.D.P.=No determination possible
 L=Average reflectance value is considered to be slightly low
 a=Fluorescence colour taken on alginite due to absence of suitable sporinite

Table 3.3.1 Biological marker parameters

DEPTH m	20S %	$\alpha\beta\beta$ %	22S C31 %	22S C32 %	C30 $\alpha\beta\beta$ %
1057.5				55	22
1161.0	46	0.49	12	40	48
1271.0			6	33	51
1380.0	40		6	20	64
1422.5			8	49	48
1649.0			30	46	45
1782.0				49	
1786.0	24	49.00	38	48	41
1815.0	47	55.00	48	54	8
1844.0	4	18.00	39	47	15
1955.0	14	22.00	21	45	10
2064.0	32	35.00	26	42	8
2107.0	16	28.00		33	3
2205.0	10	26.00		16	2
2320.0	30	47.00		33	
2445.5				46	
2764.0				41	
2765.0				51	
2765.5				50	
2766.0			51	39	
2954.0	48	57.00	59		
2967.0			59		
3020.9				60	
3033.0				60	

$$\% 20S = \frac{C_{29\alpha\alpha\alpha} 20S \cdot 100}{C_{29\alpha\alpha\alpha} 20R + C_{29\alpha\alpha\alpha} 20S}$$

$$\% \alpha\beta\beta = \frac{C_{29\alpha\beta\beta} (20R + 20S) \cdot 100}{C_{29\alpha\beta\beta} (20R + 20S) + C_{29\alpha\alpha\alpha} (20R + 20S)}$$

$$\% 22S = \frac{C_{32\alpha\beta} 22S \cdot 100}{C_{32\alpha\beta} 22S + C_{32\alpha\beta} 22R}$$

$$\% \beta\beta = \frac{C_{30\beta\beta} \cdot 100}{C_{30\beta\beta} + C_{30\beta\beta}}$$

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:03
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
1775.00	.63	.08	.68	435	108	0	0.00	.31	.31
1780.00	.39	.06	.63	575	162	0	0.00	.10	.14
1785.00	.39	.06	.59	500	151	0	0.00	.13	.18
1790.00	.45	.04	.31	502	69	0	0.00	.13	.30
1795.00	.51	.03	.29	490	57	0	0.00	.11	.27
1800.00	.24	.03	.37	573	154	0	0.00	.03	.08
1805.00	.19	.02	.23	487	121	0	0.00	.03	.12
1810.00	.19	.03	.34	517	179	0	0.00	.07	.17
1815.00	.17	.02	.23	476	135	0	0.00	.05	.18
1820.00	.21	.02	.13	0	62	0	0.00	.09	.41
1825.00	.16	.02	.25	499	156	0	0.00	.01	.04
1830.00	.30	.04	.44	433	147	0	0.00	.09	.17
1835.00	.44	.04	.45	438	102	0	0.00	.08	.15
1840.00	.56	.06	.62	429	111	0	0.00	.08	.11
1845.00	.43	.04	.37	435	86	0	0.00	.09	.20
1850.00	.37	.04	.44	446	119	0	0.00	.06	.12
1855.00	.31	.04	.44	499	142	0	0.00	.01	.02
1860.00	.38	.03	.29	472	76	0	0.00	.02	.06
1865.00	.43	.06	.67	439	156	0	0.00	.02	.03
1870.00	.43	.07	.82	430	191	0	0.00	.01	.01
1875.00	.60	.04	.51	431	85	0	0.00	.03	.06
1880.00	.36	.03	.35	465	97	0	0.00	.02	.05
1885.00	.26	.03	.35	543	135	0	0.00	.01	.03
1890.00	.30	.01	.16	0	53	0	0.00	0.00	0.00
1895.00	.26	.01	.13	0	50	0	0.00	0.00	0.00
1900.00	.27	.02	.28	523	104	0	0.00	.01	.03
1905.00	.50	.03	.41	528	82	0	0.00	.01	.02
1910.00	.30	.02	.20	527	67	0	0.00	0.00	0.00
1915.00	.25	.02	.19	0	76	0	0.00	.01	.05
1920.00	.26	.03	.30	531	115	0	0.00	.01	.03
1925.00	.34	.05	.62	459	182	0	0.00	.04	.06
1930.00	.31	.02	.22	451	71	0	0.00	.02	.08
1935.00	.38	.03	.39	551	103	0	0.00	.01	.02
1940.00	.39	.02	.27	535	69	0	0.00	.01	.04
1945.00	.29	.03	.40	519	138	0	0.00	.02	.05
1950.00	.26	.02	.27	494	104	0	0.00	0.00	0.00
1955.00	.50	.03	.37	587	74	0	0.00	.03	.08
1960.00	.45	.02	.24	473	53	0	0.00	0.00	0.00
1965.00	.44	.05	.64	550	145	0	0.00	.02	.03
1970.00	.38	.02	.26	429	68	0	0.00	0.00	0.00
1975.00	.36	.04	.49	507	136	0	0.00	.02	.04
1980.00	.36	.01	.16	0	44	0	0.00	0.00	0.00
1985.00	.39	.05	.63	520	162	0	0.00	.01	.02
1990.00	.40	.03	.37	454	93	0	0.00	0.00	0.00
1995.00	.36	.05	.56	536	156	0	0.00	0.00	0.00
2000.00	.60	.01	.16	0	27	0	0.00	0.00	0.00
2005.00	.60	.04	.45	560	75	0	0.00	0.00	0.00

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
WELL : 34/8-1

Printed at : 16:07
: 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
2010.00	.66	.01	.15	0	23	0	0.00	0.00	0.00
2015.00	.65	.03	.38	558	58	0	0.00	.04	.10
2020.00	.84	.01	.08	0	10	0	0.00	0.00	0.00
2025.00	.72	.04	.44	497	61	0	0.00	.05	.10
2030.00	.87	.01	.18	0	21	0	0.00	0.00	0.00
2035.00	.91	.03	.37	492	41	0	0.00	.04	.10
2040.00	1.24	.02	.18	0	15	0	0.00	.01	.05
2045.00	.82	.03	.29	483	35	0	0.00	.02	.06
2050.00	.89	.02	.19	0	21	0	0.00	.01	.05
2055.00	.74	.05	.55	493	74	0	0.00	.05	.08
2060.00	.89	.02	.19	0	21	0	0.00	0.00	0.00
2065.00	.67	.06	.56	477	84	0	0.00	.20	.26
2070.00	.93	.02	.27	476	29	0	0.00	.02	.07
2075.00	.74	.05	.48	485	65	0	0.00	.13	.21
2080.00	1.09	.01	.13	0	12	0	0.00	.01	.07
2085.00	.62	.05	.58	509	94	0	0.00	.01	.02
2090.00	.73	.03	.34	425	47	0	0.00	.02	.06
2095.00	.48	.06	.64	495	133	0	0.00	.03	.04
2100.00	.72	.05	.58	425	81	0	0.00	.05	.08
2105.00	.63	.08	.89	460	141	0	0.00	.05	.05
2110.00	1.04	.12	1.29	423	124	0	0.00	.14	.10
2115.00	.94	.18	1.92	424	204	0	0.00	.26	.12
2120.00	1.05	.13	1.38	426	131	0	0.00	.14	.09
2125.00	.35	.06	.69	486	197	0	0.00	.01	.01
2130.00	.58	.03	.40	479	69	0	0.00	.01	.02
2135.00	.61	.10	1.19	460	195	0	0.00	.04	.03
2140.00	.58	.05	.53	432	91	0	0.00	.02	.04
2145.00	.48	.10	1.20	433	250	0	0.00	.04	.03
2150.00	.63	.05	.52	436	83	0	0.00	.03	.05
2155.00	.59	.08	.98	512	166	0	0.00	.02	.02
2160.00	.53	.06	.67	434	126	0	0.00	.03	.04
2165.00	.46	.10	1.13	461	246	0	0.00	.04	.03
2170.00	.65	.04	.49	431	75	0	0.00	.03	.06
2175.00	.58	.09	1.06	463	183	0	0.00	.06	.05
2180.00	.70	.04	.48	430	69	0	0.00	.02	.04
2185.00	.63	.05	.60	427	95	0	0.00	.05	.08
2190.00	.52	.06	.69	435	133	0	0.00	.05	.07
2195.00	.50	.09	.90	464	180	0	0.00	.21	.19
2200.00	.75	.05	.61	446	81	0	0.00	.04	.06
2205.00	.59	.06	.64	459	108	0	0.00	.06	.09
2210.00	.62	.06	.66	436	106	0	0.00	.05	.07
2215.00	.56	.07	.78	495	139	0	0.00	.07	.08
2220.00	.60	.06	.68	451	113	0	0.00	.04	.06
2225.00	.57	.08	.85	498	149	0	0.00	.15	.15
2230.00	.55	.08	.85	507	155	0	0.00	.09	.10
2235.00	.43	.05	.58	473	135	0	0.00	.05	.08
2240.00	.55	.06	.60	461	109	0	0.00	.07	.10

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
WELL : 34/8-1Printed at : 16:10
: 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
2245.00	.47	.07	.74	473	157	0	0.00	.08	.10
2250.00	.73	.06	.65	497	89	0	0.00	.05	.07
2255.00	.64	.06	.70	464	109	0	0.00	.04	.05
2260.00	.47	.04	.40	433	85	0	0.00	.03	.07
2265.00	.49	.05	.53	482	108	0	0.00	.02	.04
2270.00	.47	.05	.52	478	111	0	0.00	.04	.07
2275.00	.43	.07	.83	492	193	0	0.00	.06	.07
2280.00	.46	.06	.68	503	148	0	0.00	.05	.07
2285.00	.48	.09	.96	452	200	0	0.00	.16	.14
2290.00	.40	.03	.39	584	97	0	0.00	.03	.07
2295.00	.50	.05	.57	438	114	0	0.00	.08	.12
2300.00	.50	.08	.88	504	176	0	0.00	.09	.09
2305.00	.44	.07	.81	568	184	0	0.00	.07	.08
2310.00	.45	.05	.55	435	122	0	0.00	.07	.11
2315.00	.40	.11	1.20	585	300	0	0.00	.16	.12
2320.00	.41	.06	.58	495	141	0	0.00	.09	.13
2325.00	.46	.03	.32	511	70	0	0.00	.02	.06
2330.00	.34	.11	1.29	502	379	0	0.00	.06	.04
2335.00	.45	.05	.56	524	124	0	0.00	.04	.07
2340.00	.41	.08	.89	551	217	0	0.00	.10	.10
2345.00	.52	.06	.65	529	125	0	0.00	.08	.11
2350.00	.37	.04	.46	509	124	0	0.00	.06	.12
2355.00	.37	.05	.54	522	146	0	0.00	.04	.07
2360.00	.37	.04	.37	515	100	0	0.00	.07	.16
2365.00	.38	.07	.77	520	203	0	0.00	.05	.06
2370.00	.41	.07	.72	585	176	0	0.00	.08	.10
2380.00	.87	.16	1.06	428	122	0	0.00	.85	.45
2385.00	.55	.08	.89	486	162	0	0.00	.12	.12
2390.00	.55	.08	.89	504	162	0	0.00	.13	.13
2395.00	.49	.08	.90	551	184	0	0.00	.11	.11
2400.00	.54	.10	.95	428	176	0	0.00	.25	.21
2405.00	.55	.07	.74	435	135	0	0.00	.16	.18
2410.00	.93	.26	2.06	432	222	0	0.00	1.02	.33
2415.00	.63	.07	.77	437	122	0	0.00	.12	.13
2420.00	.71	.09	1.00	439	141	0	0.00	.13	.12
2425.00	.61	.10	1.02	442	167	0	0.00	.17	.14
2430.00	.65	.10	1.01	438	155	0	0.00	.15	.13
2435.00	.63	.09	.89	436	141	0	0.00	.24	.21
2440.00	.71	.09	.90	438	127	0	0.00	.18	.17
2445.00	.65	.08	.81	438	125	0	0.00	.15	.16
2450.00	.81	.17	1.67	434	206	0	0.00	.36	.18
2455.00	.73	.11	1.14	438	156	0	0.00	.18	.14
2460.00	.70	.13	1.41	436	201	0	0.00	.17	.11
2465.00	.67	.13	1.42	436	212	0	0.00	.17	.11
2470.00	.68	.11	1.15	438	169	0	0.00	.13	.10
2475.00	.73	.14	1.53	461	210	0	0.00	.21	.12
2480.00	.64	.13	1.32	437	206	0	0.00	.22	.14

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
WELL : 34/8-1

Printed at : 16:15
: 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
2485.00	.63	.12	1.23	438	195	0	.01	.18	.13
2490.00	.65	.11	1.17	439	180	0	0.00	.21	.15
2495.00	.59	.12	1.27	436	215	0	0.00	.19	.13
2500.00	.73	.15	1.59	438	218	0	0.00	.16	.09
2505.00	.67	.12	1.33	437	199	0	0.00	.14	.10
2510.00	.79	.14	1.51	437	191	0	0.00	.20	.12
2515.00	.83	.14	1.45	436	175	0	0.00	.29	.17
2520.00	.66	.10	1.02	438	155	0	0.00	.21	.17
2525.00	.76	.15	1.28	434	168	0	0.00	.56	.30
2530.00	.66	.10	.89	435	135	0	0.00	.26	.23
2535.00	.55	.06	.54	433	98	0	0.00	.14	.21
2540.00	.59	.06	.66	436	112	0	0.00	.11	.14
2545.00	.58	.08	.84	436	145	0	0.00	.14	.14
2550.00	.64	.10	1.07	437	167	0	0.00	.16	.13
2555.00	.56	.09	1.03	439	184	0	0.00	.10	.09
2560.00	.62	.10	1.07	441	173	0	0.00	.11	.09
2565.00	.59	.10	1.08	437	183	0	0.00	.13	.11
2570.00	.78	.22	1.88	437	241	0	0.00	.74	.28
2575.00	.53	.07	.71	438	134	0	0.00	.15	.17
2580.00	.11	.12	1.22	438	1109	0	0.00	.22	.15
2585.00	.60	.15	1.53	438	255	0	0.00	.27	.15
2590.00	.78	.18	1.87	439	240	0	0.00	.34	.15
2595.00	.61	.11	1.17	439	192	0	0.00	.17	.13
2600.00	.56	.11	1.17	433	209	0	0.00	.17	.13
2602.00	.74	.21	1.88	433	254	0	0.00	.66	.26
2605.00	.57	.10	1.06	437	186	0	0.00	.20	.16
2607.00	.61	.11	1.13	437	185	0	0.00	.21	.16
2610.00	.60	.10	1.07	439	178	0	0.00	.15	.12
2612.00	.76	.15	1.47	439	193	0	0.00	.32	.18
2615.00	.63	.14	1.52	0	241	0	0.00	.19	.11
2617.00	.55	.10	1.00	434	182	0	0.00	.16	.14
2620.00	.79	.20	1.97	434	249	0	0.00	.40	.17
2622.00	.65	.08	.87	437	134	0	0.00	.11	.11
2625.00	.58	.08	.85	443	147	0	0.00	.06	.07
2627.00	.67	.09	1.01	438	151	0	0.00	.13	.11
2630.00	.77	.06	.64	490	83	0	0.00	.03	.04
2632.00	.69	.07	.79	439	114	0	0.00	.08	.09
2635.00	.69	.08	.87	438	126	0	0.00	.08	.08
2637.00	.64	.08	.77	439	120	0	0.00	.20	.21
2640.00	.67	.06	.66	477	99	0	0.00	.07	.10
2642.00	.54	.10	1.00	0	185	0	0.00	.20	.17
2645.00	.49	.08	.86	574	176	0	0.00	.08	.09
2647.00	.53	.10	1.13	566	213	0	0.00	.09	.07
2650.00	.54	.16	1.77	588	328	0	0.00	.14	.07
2652.00	.43	.05	.57	0	133	0	0.00	.05	.08
2657.00	.52	.05	.58	437	112	0	0.00	.07	.11
2660.00	.60	.03	.31	435	52	0	0.00	.02	.06

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
WELL : 34/8-1Printed at : 16:19
: 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
2662.00	.81	.05	.51	439	63	0	0.00	.04	.07
2665.00	.50	.04	.46	444	92	0	0.00	.04	.08
2670.00	.78	.09	.96	440	123	0	0.00	.08	.08
2672.00	.62	.04	.41	438	66	0	0.00	.04	.09
2675.00	.58	.04	.48	440	83	0	0.00	.04	.08
2677.00	.60	.07	.77	441	128	0	0.00	.10	.11
2680.00	.48	.03	.28	439	58	0	0.00	.03	.10
2682.00	.60	.03	.31	439	52	0	0.00	.04	.11
2685.00	1.15	.12	1.34	439	117	0	0.00	.09	.06
2687.00	.59	.03	.27	436	46	0	0.00	.04	.13
2690.00	.79	.08	.54	439	68	0	0.00	.37	.41
2692.00	.65	.04	.38	437	58	0	0.00	.05	.12
2695.00	.83	.06	.65	436	78	0	0.00	.07	.10
2697.00	.62	.03	.30	438	48	0	0.00	.03	.09
2700.00	.73	.07	.74	434	101	0	0.00	.12	.14
2702.00	.77	.08	.79	433	103	0	0.00	.17	.18
2705.00	.81	.05	.55	439	68	0	0.00	.08	.13
2707.00	.80	.03	.36	435	45	0	0.00	.04	.10
2710.00	.81	.05	.51	441	63	0	0.00	.15	.23
2712.00	.88	.05	.49	440	56	0	0.00	.06	.11
2715.00	.90	.09	.90	437	100	0	0.00	.24	.21
2717.00	.90	.05	.49	441	54	0	0.00	.08	.14
2720.00	.99	.06	.65	441	66	0	0.00	.08	.11
2722.00	.93	.06	.59	443	63	0	0.00	.08	.12
2723.00	.93	.06	.59	443	63	0	0.00	.08	.12
2725.00	.94	.07	.69	439	73	0	0.00	.10	.13
2727.00	.92	.06	.66	437	72	0	0.00	.10	.13
2730.00	.91	.08	.83	438	91	0	0.00	.12	.13
2732.00	.79	.09	.97	437	123	0	0.00	.15	.13
2733.00	.79	.09	.97	437	123	0	0.00	.15	.13
2735.00	.67	.04	.45	439	67	0	0.00	.07	.13
2737.00	.54	.04	.44	439	81	0	0.00	.08	.15
2740.00	.52	.10	.99	0	190	0	0.00	.22	.18
2742.00	.56	.03	.25	437	45	0	0.00	.06	.19
2745.00	.69	.04	.38	439	55	0	0.00	.06	.14
2747.00	.61	.03	.35	439	57	0	0.00	.06	.15
2750.00	.75	.05	.46	440	61	0	0.00	.14	.23
2752.00	.77	.04	.38	440	49	0	0.00	.15	.28
2755.00	.68	.04	.38	439	56	0	0.00	.10	.21
2757.00	.66	.04	.32	438	48	0	0.00	.11	.26

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:23
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Core Samples									
2770.00	.29	.24	1.42	479	490	0	.11	1.39	.51
2771.80	.31	.26	1.60	467	516	0	.05	1.44	.48
2772.80	.72	.09	.60	512	83	0	0.00	.53	.47
2773.90	.40	.36	2.62	490	655	0	.13	1.61	.40
2775.00	.39	.37	3.09	489	792	0	.11	1.20	.30
2781.00	.49	.42	3.42	504	698	0	.02	1.62	.32
2783.00	.48	.42	3.39	503	706	0	.02	1.63	.33
2783.60	.41	.32	2.26	501	551	0	.02	1.52	.41
2786.00	.38	.32	1.99	497	524	0	.06	1.75	.48
2789.00	.31	.28	1.99	594	642	0	.02	1.33	.40
2796.00	.34	.29	1.74	472	512	0	.20	1.58	.51
2799.00	.34	.28	1.40	457	412	0	.11	1.91	.59
2801.00	.32	.26	1.70	459	531	0	0.00	1.45	.46
2809.00	1.34	.32	3.36	439	251	0	0.00	.53	.14
2809.50	2.77	.69	7.33	435	265	0	.03	1.01	.12
2810.40	.47	.32	2.05	478	436	0	.04	1.80	.47
2813.00	.85	.30	2.03	434	239	0	0.00	1.59	.44
2815.00	.84	.30	1.96	439	233	0	0.00	1.66	.46
2817.95	39.15	10.49	111.35	440	284	0	0.00	15.00	.12
2818.00	7.13	2.68	28.83	426	404	0	0.00	3.46	.11
2820.00	3.97	1.36	14.02	428	353	0	.02	2.32	.14
2822.00	1.30	.33	2.55	437	196	0	.14	1.23	.35
2823.00	13.95	3.88	33.54	421	240	0	.92	12.33	.28
2824.00	1.83	.36	3.37	435	184	0	.06	.94	.23
2824.30	1.46	.27	2.76	441	189	0	.05	.49	.16
2825.00	1.57	.38	3.96	438	252	0	.04	.61	.14
2825.60	4.83	1.57	15.01	422	311	0	.26	3.67	.21
2826.00	.23	.16	.90	554	391	0	.05	.98	.53
2827.00	.90	.21	2.20	437	244	0	0.00	.32	.13
2828.00	1.03	.24	2.61	435	253	0	.01	.32	.11
2829.00	1.42	.39	3.43	437	242	0	0.00	1.29	.27
2829.85	1.03	.28	2.64	437	256	0	0.00	.78	.23
2830.60	3.29	.73	7.60	437	231	0	0.00	1.19	.14
2840.00	6.90	2.43	25.76	434	373	0	.11	3.38	.12
2841.00	.33	.24	1.98	533	600	0	.06	.90	.33
2841.80	.64	.19	2.05	445	320	0	.07	.16	.10
2842.00	.67	.28	1.65	440	246	0	.02	1.73	.51
2843.00	.19	.12	.84	489	442	0	.01	.58	.41
2844.50	1.53	.42	3.48	435	227	0	.03	1.61	.32
2845.00	.47	.36	1.95	472	415	0	.06	2.29	.55
2845.20	2.11	.51	5.38	428	255	0	0.00	.71	.12
2849.50	1.60	.46	4.10	434	256	0	.01	1.47	.27
2851.00	.58	.43	2.69	590	464	0	.01	2.51	.48
2853.00	1.08	1.04	2.96	573	274	0	.17	9.34	.76
2855.00	1.53	1.35	2.39	0	156	0	.84	13.02	.85
2858.00	1.80	1.74	4.11	0	228	0	1.14	15.75	.80
2866.20	.35	.32	1.57	563	449	0	.22	2.01	.59

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:27
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Core Samples									
2870.00	.67	.49	2.15	478	321	0	.09	3.66	.64
2870.00	.67	.49	2.15	478	321	0	.09	3.66	.64
2874.00	.26	.23	1.90	528	731	0	.02	.83	.31
2878.00	.42	.38	3.63	521	864	0	0.00	.96	.21
2882.00	.39	.34	2.69	565	690	0	.02	1.36	.34
2883.80	.42	.32	2.74	490	652	0	.02	1.05	.28
2886.00	.30	.30	3.06	504	1020	0	.02	.52	.15
2889.00	.06	.06	.44	545	733	0	.03	.31	.44
2895.00	.61	.61	2.24	479	367	0	.05	5.08	.70
2898.00	.80	.81	1.92	481	240	0	.16	7.67	.80
2901.00	.77	.77	2.33	467	303	0	.11	6.85	.75
2905.00	.33	.34	3.16	524	958	0	.01	.90	.22
2908.00	.68	.69	2.46	0	362	0	.07	5.73	.70
2912.00	.29	.29	2.16	539	745	0	.01	1.34	.38
2916.00	.33	.33	2.03	504	615	0	.02	1.89	.48
2919.00	.33	.31	1.62	428	491	0	.03	2.03	.56
2920.00	.34	.31	1.16	591	341	0	.35	2.21	.69
2924.00	.33	.30	.99	591	300	0	.27	2.41	.73
2928.20	.47	.48	3.00	551	638	0	.25	2.53	.48
2931.00	.49	.46	3.02	584	616	0	.08	2.42	.45
2934.00	.52	.43	2.11	595	406	0	.11	2.92	.59
2936.00	.51	.48	3.10	559	608	0	.14	2.51	.46
2939.00	1.01	.95	3.14	579	311	0	.37	7.94	.73
2942.00	.97	.18	.44	412	45	0	.06	1.66	.80
2945.00	.31	.24	.99	538	319	0	.07	1.82	.66
2947.50	.40	.35	1.90	552	475	0	.09	2.20	.55
2948.50	.63	.55	3.53	582	560	0	.08	3.02	.47
2949.50	9.00	3.90	41.06	437	456	0	.17	5.79	.13
2953.50	.35	.24	1.49	583	426	0	.01	1.36	.48
2953.60	63.79	20.58	228.20	413	358	0	.30	19.45	.08
2955.30	1.11	.46	3.34	433	301	0	.05	2.20	.40
2956.00	.39	.25	1.44	589	369	0	.06	1.55	.53
2959.00	.39	.31	2.27	496	582	0	.06	1.36	.38
2962.00	.48	.27	1.68	439	350	0	.06	1.51	.48
2966.00	1.60	.46	5.06	445	316	0	.04	.41	.08
2968.70	1.65	.42	4.59	445	278	0	.03	.47	.10
2972.00	1.50	.52	5.99	444	399	0	0.00	.27	.04
2973.60	2.22	.98	11.41	445	514	0	.02	.36	.03

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:31
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
2975.00	.87	.27	1.30	439	149	0	.02	1.93	.60
2977.00	.96	.35	1.68	444	175	0	0.00	2.59	.61
2980.00	2.09	.66	6.97	445	333	0	0.00	1.03	.13
2982.00	1.67	.39	4.10	444	246	0	0.00	.58	.12
2985.00	1.64	.38	3.44	443	210	0	.01	1.09	.24
2987.00	.73	.11	.65	435	89	0	0.00	.63	.49
2990.00	1.34	.17	1.62	441	121	0	0.00	.46	.22
2992.00	1.48	.24	2.07	436	140	0	0.00	.85	.29
2995.00	1.45	.21	1.75	435	121	0	0.00	.73	.29
2997.00	1.86	.33	2.98	437	160	0	0.00	.97	.25
3000.00	1.27	.30	2.41	435	190	0	0.00	1.25	.34
3002.00	1.46	.29	2.57	436	176	0	0.00	.92	.26
3005.00	1.53	.20	1.98	437	129	0	0.00	.48	.20
3007.00	1.17	.29	2.22	433	190	0	0.00	1.30	.37
3010.00	1.31	.36	2.30	436	176	0	0.00	2.07	.47
3012.00	1.33	.30	2.76	438	208	0	0.00	.90	.25
3015.00	1.32	.39	1.80	434	136	0	0.00	2.87	.61
3017.00	1.07	.23	1.63	432	152	0	0.00	1.17	.42
3020.00	1.07	.17	1.64	435	153	0	0.00	.43	.21
3022.00	1.35	.37	3.49	438	259	0	0.00	.97	.22
3023.20	.84	.20	2.20	438	262	0	0.00	.20	.08
3025.00	1.84	.34	3.00	436	163	0	0.00	1.07	.26
3027.00	1.08	.22	2.13	437	197	0	0.00	.58	.21
3030.00	1.11	.20	1.80	436	162	0	0.00	.61	.25
3032.00	1.13	.22	1.99	436	176	0	0.00	.70	.26
3035.00	.98	.22	2.16	437	220	0	0.00	.54	.20
3037.00	.92	.20	2.01	438	218	0	0.00	.35	.15
3040.00	.93	.17	1.72	438	185	0	0.00	.30	.15
3042.00	.96	.20	2.01	439	209	0	0.00	.43	.18

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:35
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Core Samples									
3044.00	.35	.11	1.20	437	343	0	0.00	.11	.08
3045.00	.32	.08	.92	437	288	0	0.00	.10	.10
3046.00	.27	.06	.70	436	259	0	0.00	.07	.09
3047.30	.72	.05	.52	438	72	0	0.00	.12	.19
3049.00	.75	.21	2.29	437	305	0	0.00	.22	.09
3050.00	.35	.10	1.08	437	309	0	.01	.07	.07
3052.20	.83	.26	2.93	438	353	0	0.00	.18	.06
3055.00	.24	.07	.76	437	317	0	0.00	.08	.10
3060.00	.93	.21	2.26	438	243	0	0.00	.24	.10
3062.00	.73	.09	.87	430	119	0	0.00	.22	.20
3063.00	.94	.36	3.91	437	416	0	0.00	.38	.09
3064.60	.18	.06	.60	434	333	0	0.00	.10	.14

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:41
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
3067.00	1.56	.50	2.15	432	138	0	0.00	3.90	.64
3070.00	.93	.22	1.68	434	181	0	0.00	.92	.35
3072.00	1.65	.22	1.81	435	110	0	0.00	.81	.31
3075.00	1.57	.51	3.24	433	206	0	0.00	2.92	.47
3077.00	.33	.34	2.74	436	830	0	0.00	1.33	.33
3080.00	.80	.11	.70	439	88	0	0.00	.62	.47
3082.00	1.34	.38	2.12	435	158	0	0.00	2.50	.54
3085.00	1.21	.20	1.43	434	118	0	0.00	.93	.39
3087.00	1.35	.31	1.91	433	141	0	0.00	1.87	.49
3090.00	1.33	.27	1.58	435	119	0	0.00	1.72	.52
3092.00	1.56	.28	1.69	434	108	0	0.00	1.73	.51
3095.00	1.34	.28	1.46	435	109	0	0.00	1.87	.56
3097.00	1.11	.26	1.38	435	124	0	0.00	1.77	.56
3100.00	1.31	.25	1.33	434	102	0	0.00	1.67	.56
3102.00	1.31	.20	1.34	434	102	0	0.00	1.09	.45
3105.00	1.15	.31	1.59	435	138	0	0.00	2.13	.57
3107.00	1.04	.27	1.43	436	138	0	0.00	1.83	.56
3110.00	1.26	.23	1.21	435	96	0	0.00	1.53	.56
3112.00	1.38	.18	1.11	434	80	0	0.00	1.09	.50
3115.00	1.23	.22	1.43	436	116	0	0.00	1.22	.46
3117.00	1.11	.23	1.67	435	150	0	0.00	1.05	.39
3120.00	1.14	.23	1.77	437	155	0	0.00	1.02	.37
3122.00	1.04	.21	1.57	438	151	0	0.00	1.01	.39
3125.00	1.22	.24	1.64	437	134	0	0.00	1.24	.43
3127.00	1.13	.21	1.50	438	133	0	0.00	1.01	.40
3130.00	1.21	.29	1.79	437	148	0	0.00	1.67	.48
3132.00	1.17	.25	1.61	435	138	0	0.00	1.41	.47
3135.00	1.02	.22	1.30	435	127	0	0.00	1.33	.51
3140.00	1.27	.26	1.26	435	99	0	0.00	1.93	.61
3142.00	1.42	.18	1.01	435	71	0	0.00	1.17	.54
3145.00	.85	.18	.92	435	108	0	0.00	1.24	.57
3147.00	.80	.20	.81	435	101	0	0.00	1.58	.66
3150.00	.63	.09	.54	437	86	0	0.00	.60	.53
3152.00	.79	.19	.85	436	108	0	0.00	1.39	.62
3155.00	1.22	.14	.74	435	61	0	0.00	.96	.56
3157.00	.59	.08	.47	435	80	0	0.00	.45	.49
3160.00	1.49	.26	1.20	434	81	0	0.00	1.97	.62
3162.00	1.25	.19	.93	438	74	0	0.00	1.39	.60
3165.00	.96	.20	.99	435	103	0	0.00	1.46	.60
3167.00	.97	.17	1.17	438	121	0	0.00	.92	.44
3170.00	1.04	.10	.58	436	56	0	0.00	.67	.54
3172.00	1.10	.17	1.10	438	100	0	0.00	.91	.45
3175.00	1.17	.12	.57	437	49	0	0.00	.91	.61
3177.00	1.18	.13	.59	437	50	0	0.00	1.02	.63
3180.00	1.21	.16	.91	437	75	0	0.00	1.03	.53
3182.00	1.17	.20	1.08	439	92	0	0.00	1.38	.56
3185.00	1.03	.17	1.39	437	135	0	0.00	.71	.34

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:46
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
3187.00	.83	.11	.81	440	98	0	0.00	.55	.40
3192.00	.89	.12	1.00	443	112	0	0.00	.39	.28
3195.00	1.41	.23	2.03	436	144	0	0.00	.70	.26
3197.00	1.04	.22	1.54	444	148	0	0.00	1.12	.42
3200.00	1.36	.13	.80	437	59	0	0.00	.77	.49
3202.00	.83	.08	.54	443	65	0	0.00	.39	.42
3205.00	.85	.07	.47	439	55	0	0.00	.40	.46
3207.00	1.13	.16	1.06	444	94	0	0.00	.84	.44
3210.00	.84	.15	1.33	440	158	0	0.00	.49	.27
3212.00	1.14	.14	1.20	443	105	0	0.00	.51	.30
3215.00	1.03	.17	1.41	440	137	0	0.00	.62	.31
3217.00	1.18	.19	1.70	441	144	0	0.00	.62	.27
3220.00	1.33	.23	1.99	441	150	0	0.00	.76	.28
3225.00	1.34	.40	2.16	440	161	0	0.00	2.70	.56
3227.00	1.15	.24	1.73	445	150	0	0.00	1.21	.41
3230.00	1.17	.21	1.23	438	105	0	0.00	1.25	.50
3232.00	1.36	.19	1.58	444	116	0	0.00	.71	.31
3235.00	1.16	.21	1.83	441	158	0	0.00	.74	.29
3237.00	1.30	.16	1.25	442	96	0	0.00	.63	.34
3240.00	1.30	.36	2.17	437	167	0	0.00	2.20	.50
3242.00	1.30	.35	2.10	443	162	0	0.00	2.09	.50
3245.00	1.27	.23	1.65	442	130	0	0.00	1.12	.40
3247.00	1.37	.29	1.87	444	136	0	0.00	1.57	.46
3252.00	1.36	.39	1.93	444	142	0	0.00	2.72	.58
3255.00	1.19	.20	1.67	442	140	0	0.00	.70	.30
3257.00	1.10	.21	1.66	441	151	0	0.00	.84	.34
3260.00	.70	.14	1.16	442	166	0	0.00	.55	.32
3262.00	1.29	.34	2.33	441	181	0	0.00	1.71	.42
3265.00	.47	.41	1.52	436	323	0	0.00	3.40	.69
3267.00	.96	.22	1.33	440	139	0	0.00	1.28	.49
3270.00	1.25	.34	2.46	438	197	0	0.00	1.69	.41
3275.00	.62	.06	.40	437	65	0	0.00	.33	.45
3277.00	1.23	.28	1.71	440	139	0	0.00	1.70	.50
3280.00	1.15	.47	2.01	439	175	0	0.00	3.62	.64
3282.00	1.03	.33	1.65	438	160	0	0.00	2.28	.58
3285.00	1.37	.61	2.58	440	188	0	0.00	4.80	.65
3287.00	.76	.21	1.12	439	147	0	0.00	1.41	.56
3290.00	.84	.27	1.35	440	161	0	0.00	1.87	.58
3292.00	.65	.09	.62	442	95	0	0.00	.41	.40

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:51
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Core Samples									
3294.30	.16	.15	1.74	598	1087	0	0.00	.02	.01
3297.50	1.09	.01	.12	468	11	0	0.00	.04	.25
3298.90	2.46	.46	4.78	432	194	0	0.00	.78	.14
3300.00	2.54	.63	6.95	429	274	0	0.00	.70	.09
3303.00	.38	.07	.68	437	179	0	0.00	.11	.14
3306.00	.23	.05	.59	421	257	0	0.00	.06	.09
3308.00	.27	.05	.57	436	211	0	0.00	.05	.08
3309.00	.24	.07	.82	454	342	0	0.00	.07	.08
3313.00	.50	.07	.76	438	152	0	0.00	.10	.12
3316.00	.37	.10	1.03	437	278	0	0.00	.12	.10

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:53
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
3321.00	.72	.12	.99	437	138	0	0.00	.49	.33
3323.00	1.06	.19	1.35	433	127	0	0.00	.95	.41
3326.00	.12	.03	.16	469	133	0	0.00	.16	.50
3328.00	.55	.02	.12	0	22	0	0.00	.10	.45
3331.00	.48	.06	.47	430	98	0	0.00	.21	.31
3333.00	.28	.04	.23	434	82	0	0.00	.22	.49
3336.00	5.05	1.50	16.12	426	319	0	0.00	2.01	.11
3338.00	1.02	.09	.87	432	85	0	0.00	.26	.23
3340.00	1.18	.08	.73	432	62	0	0.00	.29	.28
3352.00	.65	.07	.72	434	111	0	0.00	.14	.16
3355.00	.48	.07	.68	431	142	0	0.00	.14	.17
3380.00	.17	.02	.18	432	106	0	0.00	.03	.14
3410.00	.05	.01	.08	0	160	0	0.00	.06	.43
3425.00	.16	.03	.26	0	163	0	0.00	.05	.16
3432.00	.14	.02	.19	442	136	0	0.00	.04	.17
3435.00	.10	.02	.18	0	180	0	0.00	.01	.05
3437.00	.10	.01	.13	0	130	0	0.00	.01	.07
3440.00	.12	.01	.10	0	83	0	0.00	0.00	0.00
3442.00	.17	.02	.27	0	159	0	0.00	.03	.10
3445.00	.11	.02	.19	0	173	0	0.00	.01	.05
3447.00	.16	.02	.19	502	119	0	0.00	.01	.05
3450.00	.09	.03	.30	470	333	0	0.00	.06	.17
3452.00	.08	.01	.08	456	100	0	0.00	0.00	0.00
3455.00	.18	.01	.10	469	56	0	0.00	.01	.09
3457.00	.19	.02	.21	452	111	0	0.00	.01	.05
3460.00	.19	0.00	.05	431	26	0	0.00	.01	.17
3462.00	.26	0.00	0.00	0	0	0	0.00	0.00	0.00
3465.00	.06	0.00	0.00	0	0	0	0.00	.04	1.00
3467.00	.30	.02	.21	470	70	0	0.00	.02	.09
3470.00	.72	.05	.56	437	78	0	0.00	.04	.07
3472.00	.39	.01	.11	434	28	0	0.00	.01	.08
3475.00	.37	0.00	0.00	0	0	0	0.00	0.00	0.00
3477.00	.26	.01	.14	456	54	0	0.00	.01	.07
3480.00	.24	0.00	.04	0	17	0	0.00	0.00	0.00
3482.00	.26	0.00	0.00	0	0	0	0.00	0.00	0.00
3485.00	.47	.01	.14	0	30	0	0.00	.03	.18
3487.00	.62	.02	.13	0	21	0	0.00	.10	.43
3490.00	.50	.06	.40	0	80	0	0.00	.30	.43
3492.00	.67	.07	.48	0	72	0	0.00	.35	.42
3495.00	.64	.04	.32	407	50	0	0.00	.17	.35
3497.00	.47	.04	.31	465	66	0	0.00	.12	.28
3500.00	1.05	.07	.55	0	52	0	0.00	.32	.37
3505.00	1.15	.01	.06	415	5	0	0.00	.03	.33
3507.00	.42	.01	.06	0	14	0	0.00	.01	.14
3510.00	.60	0.00	0.00	0	0	0	0.00	0.00	0.00

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 16:58
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Core Samples									
3515.80	.27	.02	.29	474	107	0	0.00	.01	.03
3515.90	.37	.05	.54	492	146	0	0.00	.10	.16
3516.70	.06	.02	.25	450	417	0	0.00	.03	.11
3517.50	.17	0.00	.05	0	29	0	0.00	.01	.17
3520.58	.74	.01	.09	0	12	0	0.00	.04	.31

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
 WELL : 34/8-1

Printed at : 17:01
 : 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Cuttings Samples									
3527.00	.34	.02	.13	0	38	0	.01	.06	.35
3530.00	.68	.01	.15	0	22	0	0.00	.03	.17
3532.00	.32	.01	.15	0	47	0	0.00	.02	.12
3535.00	.71	0.00	.05	0	7	0	0.00	.01	.17
3537.00	.72	.01	.09	0	13	0	0.00	.04	.31
3540.00	.48	0.00	.05	0	10	0	0.00	.01	.17
3542.00	.96	.03	.28	447	29	0	0.00	.08	.22
3545.00	.58	.04	.36	0	62	0	0.00	.14	.28
3547.00	.65	.04	.36	0	55	0	0.00	.14	.28
3550.00	.93	.05	.35	0	38	0	0.00	.24	.41
3552.00	.86	.07	.39	0	45	0	0.00	.43	.52
3555.00	.50	.01	.09	0	18	0	0.00	.01	.10
3557.00	.51	.01	.08	0	16	0	0.00	.05	.38
3560.00	.85	.01	.13	0	15	0	0.00	.03	.19
3562.00	.58	.04	.27	0	47	0	0.00	.16	.37
3565.00	.48	.01	.07	0	15	0	0.00	.02	.22
3567.00	.51	.02	.16	0	31	0	0.00	.05	.24
3570.00	.58	.02	.17	0	29	0	0.00	.07	.29
3572.00	.57	.07	.39	434	68	0	0.00	.43	.52
3575.00	.93	.04	.24	0	26	0	.01	.22	.49
3577.00	.42	.03	.21	0	50	0	0.00	.13	.38
3580.00	.66	.02	.12	0	18	0	0.00	.07	.37
3582.00	.52	.12	.61	433	117	0	0.00	.83	.58
3585.00	.48	.11	.70	438	146	0	0.00	.63	.47
3587.00	.60	.03	.18	400	30	0	0.00	.13	.42
3590.00	.53	.03	.19	0	36	0	0.00	.16	.46
3592.00	.77	.04	.28	429	36	0	0.00	.19	.40
3595.00	1.13	.08	.52	428	46	0	0.00	.42	.45
3597.00	.61	.01	.07	0	11	0	0.00	.08	.53
3600.00	1.56	.10	.97	426	62	0	0.00	.29	.23
3602.00	1.27	.09	.74	428	58	0	0.00	.36	.33
3605.00	1.85	.14	1.27	430	69	0	0.00	.38	.23
3607.00	1.07	.06	.41	421	38	0	0.00	.37	.47

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
WELL : 34/8-1Printed at : 17:05
: 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Sidewall Core Samples									
1015.00	.68	.11	.89	415	131	0	0.00	.42	.32
1034.00	.74	.20	2.14	580	289	0	0.00	.31	.13
1057.50	.82	.26	2.85	579	348	0	0.00	.34	.11
1077.50	.52	.16	1.62	581	312	0	0.00	.33	.17
1126.00	.30	.17	1.61	402	537	0	0.00	.38	.19
1139.50	.64	.14	1.33	0	208	0	0.00	.41	.24
1161.00	1.32	.23	2.17	400	164	0	0.00	.62	.22
1174.00	.85	.28	2.69	520	316	0	0.00	.65	.19
1194.00	.92	.21	1.94	0	211	0	0.00	.61	.24
1244.00	1.10	.27	2.67	0	243	0	0.00	.60	.18
1271.00	1.62	.35	3.37	405	208	0	.03	.83	.20
1297.50	.14	.03	.29	444	207	0	0.00	.12	.29
1317.00	1.47	.26	2.60	407	177	0	0.00	.59	.18
1337.00	1.20	.18	1.84	414	153	0	.02	.30	.15
1353.00	1.19	.18	1.76	414	148	0	.01	.34	.17
1363.00	1.27	.21	2.11	406	166	0	0.00	.44	.17
1380.00	1.40	.24	2.46	410	176	0	.01	.42	.15
1393.50	1.13	.16	1.60	404	142	0	.01	.30	.16
1404.50	1.49	.22	2.30	411	154	0	0.00	.33	.13
1422.50	1.38	.20	2.14	410	155	0	0.00	.31	.13
1448.50	1.03	.23	2.34	0	227	0	0.00	.39	.14
1458.00	.64	.17	1.84	514	288	0	0.00	.23	.11
1474.50	.93	.15	1.58	0	170	0	0.00	.20	.11
1497.00	.33	.06	.58	0	176	0	0.00	.09	.13
1521.50	.32	.07	.73	452	228	0	0.00	.14	.16
1549.50	.31	.08	.90	465	290	0	0.00	.10	.10
1600.00	.28	.06	.67	490	239	0	0.00	.04	.06
1649.00	.54	.09	1.04	560	193	0	0.00	.10	.09
1697.00	.20	.08	.96	478	480	0	0.00	.05	.05
1724.00	.21	.07	.78	561	371	0	0.00	.12	.13
1778.00	.23	.12	1.47	584	639	0	0.00	.01	.01
1782.00	3.10	.02	.26	486	8	0	0.00	0.00	0.00
1786.00	1.41	.13	1.51	442	107	0	0.00	.04	.03
1792.00	.23	.15	1.63	587	709	0	0.00	.12	.07
1815.00	.19	.15	1.83	553	963	0	0.00	.01	.01
1820.00	.26	.03	.41	432	158	0	0.00	.01	.02
1829.00	.45	.12	1.35	435	300	0	0.00	.08	.06
1836.00	.17	.07	.72	439	424	0	0.00	.07	.09
1844.00	.73	.13	1.52	434	208	0	0.00	.09	.06
1857.00	.47	.11	1.28	440	272	0	0.00	.03	.02
1868.00	.14	.05	.58	493	414	0	0.00	.05	.08
1875.00	.32	.06	.73	524	228	0	0.00	.02	.03
1884.00	.34	.04	.51	467	150	0	0.00	.02	.04
1892.00	.32	.06	.67	558	209	0	0.00	.01	.01
1898.00	.26	.07	.85	559	327	0	0.00	.03	.03
1910.00	.22	.08	.94	585	427	0	0.00	.02	.02
1922.00	.29	.06	.66	580	228	0	0.00	.02	.03

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
WELL : 34/8-1

Printed at : 17:10
: 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Sidewall Core Samples									
1932.00	.27	.04	.41	469	152	0	0.00	.07	.15
1943.00	.34	.06	.74	586	218	0	0.00	.04	.05
1955.00	.46	.05	.56	432	122	0	0.00	.03	.05
1965.00	1.21	.04	.40	433	33	0	0.00	.09	.18
1971.00	.21	.06	.69	586	329	0	0.00	.02	.03
1995.00	.14	.02	.23	501	164	0	0.00	0.00	0.00
2006.00	.15	.05	.59	578	393	0	0.00	0.00	0.00
2010.00	.96	.02	.25	441	26	0	0.00	.02	.07
2023.00	.57	.01	.16	0	28	0	0.00	.01	.06
2053.00	.45	.02	.20	443	44	0	0.00	.02	.09
2064.00	1.34	.03	.33	442	25	0	0.00	.05	.13
2079.00	.59	.02	.28	440	47	0	0.00	.02	.07
2107.00	1.15	.05	.50	436	43	0	0.00	.05	.09
2133.00	.46	.06	.68	434	148	0	0.00	.05	.07
2142.00	.51	.06	.63	434	124	0	0.00	.08	.11
2154.00	.54	.10	.99	429	183	0	0.00	.16	.14
2162.00	.78	.07	.71	436	91	0	0.00	.13	.15
2174.00	.56	.06	.70	435	125	0	0.00	.08	.10
2188.00	1.12	.06	.62	433	55	0	0.00	.10	.14
2205.00	.49	.07	.74	429	151	0	0.00	.07	.09
2217.00	.52	.12	1.42	586	273	0	0.00	.06	.04
2225.00	.47	.10	1.08	453	230	0	0.00	.09	.08
2233.00	.34	.06	.70	458	206	0	0.00	.04	.05
2244.00	.27	.06	.70	467	259	0	0.00	.04	.05
2262.00	.46	.06	.63	431	137	0	0.00	.08	.11
2272.00	.44	.08	.84	545	191	0	0.00	.08	.09
2288.00	.60	.13	1.38	587	230	0	0.00	.13	.09
2297.00	.48	.07	.76	431	158	0	0.00	.10	.12
2307.00	.37	.08	.97	473	262	0	0.00	.05	.05
2320.00	.53	.21	2.38	585	449	0	0.00	.14	.06
2328.00	.46	.05	.47	427	102	0	0.00	.10	.18
2338.00	.45	.19	2.20	579	489	0	0.00	.09	.04
2349.00	.21	.04	.46	497	219	0	0.00	.03	.06
2357.50	.50	.11	1.21	479	242	0	0.00	.11	.08
2367.50	.40	.06	.58	431	145	0	0.00	.12	.17
2375.00	.40	.06	.68	534	170	0	0.00	.08	.11

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : NORSK HYDRO A.S.,
WELL : 34/8-1

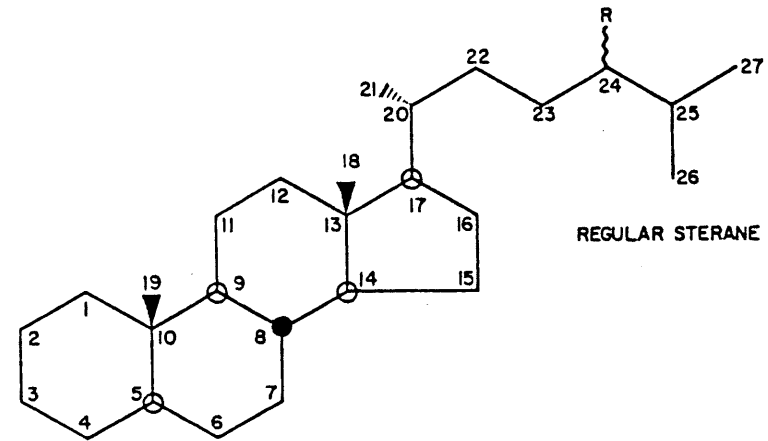
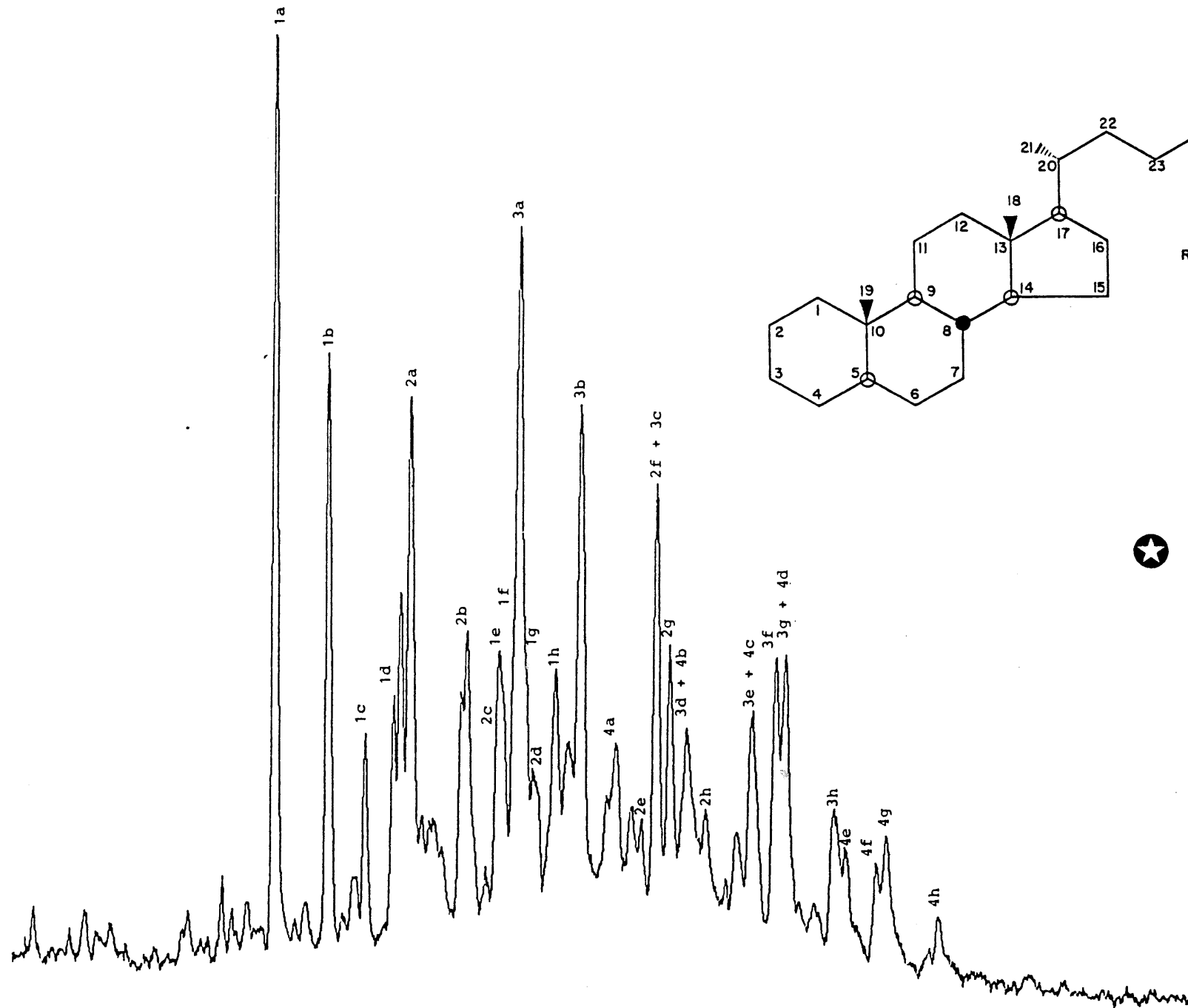
Printed at : 17:24
: 11 Feb 1986

DEPTH m	SOURCE BED EVALUATION						FREE HYDROCARBS		
	TOC %wt	PC	S2 mg/g	TMAX degC	S2/TOC HI	S3/TOC OI	S0 mg/g	S1 mg/g	TPI mg/g
Sidewall Core Samples									
2400.00	.81	.30	3.24	584	400	0	0.00	.34	.09
2445.50	.86	.30	3.24	587	377	0	.01	.32	.09
2465.00	.53	.19	1.59	571	300	0	0.00	.64	.29
2467.50	.81	.25	2.69	590	332	0	0.00	.32	.11
2493.00	1.02	.31	3.31	581	325	0	.01	.38	.11
2511.50	.93	.30	3.36	579	361	0	0.00	.26	.07
2550.00	.92	.26	2.81	554	305	0	0.00	.32	.10
2557.50	.73	.23	2.52	558	345	0	0.00	.24	.09
2582.00	.66	.24	2.69	585	408	0	0.00	.25	.09
2598.00	.52	.14	1.35	595	260	0	0.00	.30	.18
2606.50	.72	.20	2.13	533	296	0	0.00	.30	.12
2620.00	.66	.23	2.57	591	389	0	0.00	.25	.09
2655.00	.69	.25	2.84	541	412	0	0.00	.14	.05
2656.00	.76	.34	3.94	495	518	0	.02	.14	.04
2701.00	.62	.12	1.22	594	197	0	.02	.15	.12
2740.50	.97	.29	3.18	589	328	0	0.00	.26	.08
2756.00	.42	.07	.68	593	162	0	0.00	.19	.22
2762.10	.84	.06	.56	456	67	0	.01	.10	.16
2764.00	4.80	.68	6.10	436	127	0	.03	2.02	.25
2765.00	3.20	.56	5.36	435	168	0	.04	1.37	.21
2765.50	3.55	.68	6.29	437	177	0	.01	1.87	.23
2766.00	2.03	.56	5.38	438	265	0	.03	1.28	.20
2766.50	1.53	.05	.43	418	28	0	.02	.19	.33
2835.00	2.99	.72	6.93	438	232	0	0.00	1.70	.20
2836.50	1.01	.31	2.48	436	246	0	0.00	1.22	.33
2839.50	5.33	.24	2.91	430	55	0	0.00	.03	.01
2967.00	1.94	.82	8.96	445	462	0	.01	.95	.10
2979.00	2.21	.75	8.51	442	385	0	0.00	.55	.06
3007.20	1.23	.44	4.94	437	402	0	0.00	.34	.06
3020.90	1.36	.47	5.39	440	396	0	0.00	.27	.05
3023.20	.84	.20	2.20	438	262	0	0.00	.20	.08
3031.20	.93	.19	2.14	436	230	0	0.00	.19	.08
3032.00	1.12	.37	4.11	437	367	0	0.00	.34	.08
3033.00	1.10	.34	3.83	438	348	0	0.00	.30	.07
3073.60	.55	.26	2.69	445	489	0	.03	.40	.14
3079.00	1.02	.49	5.28	437	518	0	0.00	.68	.11
3144.10	.42	.14	1.44	593	343	0	0.00	.20	.12
3145.10	.56	.15	1.50	435	268	0	0.00	.25	.14
3166.00	1.17	.33	3.14	437	268	0	0.00	.88	.22
3195.10	1.42	.50	5.29	435	373	0	0.00	.73	.12
3198.50	.49	.13	.94	436	192	0	.06	.56	.40
3282.70	.25	.15	1.74	531	696	0	0.00	.11	.06
3344.50	.86	.23	2.51	453	292	0	0.00	.30	.11
3378.00	.42	.28	1.49	593	355	0	.02	1.83	.55
3419.00	.58	.32	3.10	518	534	0	0.00	.74	.19
3442.10	.36	.35	3.74	586	1039	0	0.00	.45	.11
3450.00	.16	.12	1.38	530	863	0	0.00	.04	.03

APPENDIX III

FRAGMENTOGRAMS OF BIOLOGICAL MARKER COMPOUNDS INLC. COMPOUND I.D. GUIDE

NB! ONLY M/Z 177, 191 AND 217 ARE SHOWN. HOWEVER,
M/Z 205, 218, 231 AND 259 HAVE BEEN MONITORED
AND ARE AVAILABLE ON REQUEST.



★ STERANES
 Mass-fragmentogram of
 common ion, m/z 217

Compound/peak identification of steranes in fragmentogram overleaf:

		C ₂₇ -steranes	24-methyl- C ₂₈ -steranes	24-ethyl- C ₂₉ -steranes	24-propyl- C ₃₀ -steranes
13 β (H), 17 α (H)-diacholestane-20S .....	...	1a	2a	3a	4a
----- " ----- -20R .....	...	1b	2b	3b	4b
13 α (H), 17 β (H)-diacholestane-20S .....	...	1c	2c	3c	4c
----- " ----- -20R .....	...	1d	2d	3d	4d
5 α (H), 14 α (H), 17 α (H)-cholestane-20S ...	...	1e	2e	3e	4e
5 α (H), 14 β (H), 17 β (H)-cholestane-20R ...	...	1f	2f	3f	4f
----- " ----- -20S ...	...	1g	2g	3g	4g
5 α (H), 14 α (H), 17 α (H)-cholestane-20R ...	...	1h	2h	3h	4h
Sterane-series (# C-atoms in the molecule):		27	28	29	30

★ Example of interpretation of table:

3g = 24-ethyl-5 α (H), 14 β (H), 17 β (H)-cholestane-20S, which is a C₂₉-sterane.
This compound can for simplicity be abbreviated C₂₉ $\alpha\beta\beta$ 20S.

The other steranes can be named according to similare abbreviations.