Two samples were collected, one at 2522 m and another at 2543,9 m. The first sample contains only mud filtrate and formation water while the second one is prevalently mud (for details see geochemistry study).

FMT - PRESSURE DATA

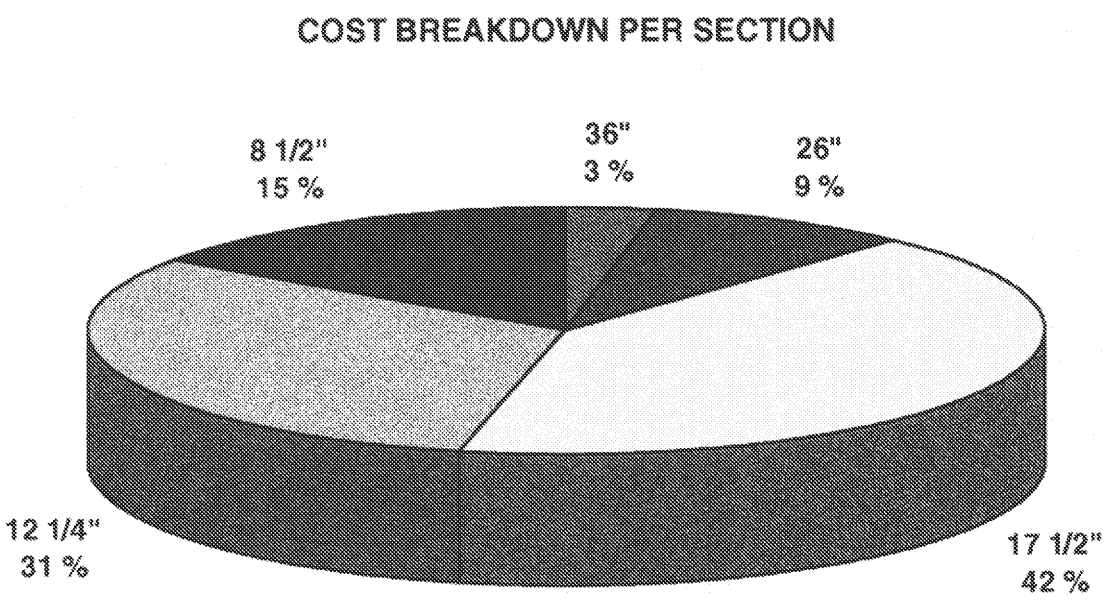
RUN	TEST	DEPTH		FORMATION PRESSURE HP. GAUGE		Drawdown Mobility	REMARKS
N°	N°	(MD)	(TVD)	PSIA	BAR	md/cp	
3 A	1	2522,0	2521,6	4069,30	280,55	1,00	Moderate
3 A	2	2524,8	2524,4	4109,50	283,32	0,56	Supercharged
3 A	3	2529,5	2529,1	4098,10	282,54	0,67	Supercharged
3 A	4	2544,1	2543,6	4094,40	282,28	3,00	Moderate
3 A	5	2556,1	2555,6	4105,80	283,07	0,46	Low
3 A	6	2571,0	2570,6	4270,40	294,41	1,13	Supercharged
3 A	7	2587,0	2586,5	1147,60	79,12	-	Tight
3 A	8	2593,0	2592,5	4147,60	285,95	3,70	Moderate
3 A	9	2597,0	2596,5	4156,80	286,58	0,64	Low
3 A	10	2620,0	2614,4	4194,50	289,18	2,50	Moderate
3 A	11	2522,0	2521,6	4069,10	280,54	-	Sampling
3 B	1	2522,0	2521,6	4063,50	280,15	0,91	Low
3 B	2	2524,7	2524,3	4125,00	284,39	0,74	Supercharged
3 C	1	2522,0	2521,6	4063,30	280,14	0,63	Low
3 C	2	2524,4	2524,0	2639,70	181,99	-	Tight
3 C	3	2527,3	2526,9	4179,00	288,11	4,13	Supercharged
3 C	4	2528,5	2528,1	4081,10	281,36	1,49	Moderate
3 C	5	2529,5	2529,1	4090,60	282,02	1,15	Moderate
3 C	6	2533,5	2533,1	4273,00	294,59	0,46	Supercharged
3 C	7	2534,5	2534,1	4261,20	293,78	1,01	Supercharged
3 C	8	2543,1	2542,7	4128,80	284,65	0,52	Low
3 C	9	2544,1	2543,7	4076,80	281,07	6,25	Moderate
3 C	10	2544,1	2543,7	4076,90	281,07	5,83	Moderate, repeat
3 C	11	2545,3	2544,9	4077,00	281,08	0,83	Low
3 C	12	2547,8	2547,4	4078,20	281,16	6,30	Moderate
3 C	13	2549,2	2548,8	4080,20	281,30	3,78	Moderate
3 C	14	2555,9	2555,5	4103,50	282,91	0,48	Low
3 C	15	2561,5	2561,0	4161,20	286,89	2,45	Moderate
3 C	16	2564,2	2563,8	4170,40	287,52	0,54	Supercharged
3 C	17	2571,0	2570,6	4147,80	285,96	0,76	Low
3 C	18	2573,8	2573,4	4321,00	297,90	1,02	Supercharged
3 C	19	2575,2	2574,8	4194,20	289,16	0,87	Low
3 C	20	2580,0	2579,6	4219,50	290,91	1,53	Moderate
3 C	21	2587,0	2586,5	4164,90	287,14	1,23	Moderate
3 C	22	2593,0	2592,5	4148,50	286,01	14,45	Good
3 C	23	2597,0	2596,5	4155,30	286,48	9,19	Moderate
3 C	24	2610,8	2610,3	4201,50	289,66	1,68	Moderate
3 C	25	2620,0	2619,4	4194,80	289,20	4,86	Moderate
3 C	26	2621,6	2621,0	4196,50	289,32	3,70	Moderate
3 C	27	2580,5	2580,1	3334,30	229,88	-	Tight
3 C	28	2586,0	2585,5	2862,40	197,34	-	Tight
3 C	29	2598,0	2597,5	4156,30	286,55	4,50	Moderate
3 C	30	2612,0	2611,4	4257,90	293,55	1,50	Supercharged
3 C	31	2573,0	2572,6	4231,20	291,71	1,00	Supercharged
3 C	32	2524,0	2523,5	4141,00	285,49	0,60	Supercharged
3 C	33	2531,0	2530,6	4064,70	280,23	1,30	Moderate
3 C	34	2537,0	2536,6	2058,70	141,93	-	Tight
3 C	35	2540,8	2540,4	4474,90	308,51	0,70	Supercharged
3 C	36	2541,8	2541,4	-	-	-	Tight
3 C	37	2557,9	2557,5	4104,20	282,96	3,10	Supercharged
3 C	38	2544,2	2543,7	4077,50	281,12	24,00	Sampling
3 C	39	2543,9	2543,5	4077,40	281,11		Sampling

TAB 2.7.1 - FMT

3.5.5 Mud Summary Report

A short summary of the volumes, costs and characteristics of the mud used for the various sections is presented here and in the following pages. A detailed discussion on the performance of the mud system used for this well can be found in the Anchor / M-I "Drilling Fluid Summary for Norsk Agip Well: 16/10-3".

Hole Section	36"	26"	17 1/2"	12 1/4"	8 1/2"
Mud Type	Spud Mud	SW/PAC	KCl/PAC/Glycol	KCl/PAC/Glycol	KCl/PAC/Glycol
Volume Built m^3	396	566	586	217	177
Section Cost NOK	66218	186767	892453	661103	329014



MUD ADDITIVES USED FOR DRILLING WELL 16/10-3

PRODUCT	UNIT	UNIT COST (NOK)	QUANTITY	TOTAL COST (NOK)
Barite	mt	650.96	487	317017.52
Glutaldehyde	kg	13.85	275	3808.75
Soda Ash	kg	2.36	3000	7080.00
Lampac Reg	kg	29.2	4200	122640.00
KCl Brine	m^3	437.15	732	319993.80
Flozan	kg	69.1	3375	233212.50
Glycol	lt	11.24	47450	533338.00
Lampac LV	kg	29.2	11700	341640.00
Venfyber	kg	20.25	399	8079.75
Mix 2	kg	40.47	204	8255.88
Wyoming Bentonite	mt	1934.38	87	168291.06
Sodium Bicarbonate	kg	3.13	1300	4069.00
Citric Acid	kg	12.21	750	9157.50
Borrewell	kg	3.51	75	263.25
KCl (sx)	kg	1.89	1000	1890.00
KCl (Bulk)	kg	1.89	27000	51030.00
Defoamer	lt	24.18	125	3022.50
Bentonite	kg	4.09	675	2760.75
TOTAL COST				**2135550.00**

NORSK AGIP

Mud Summary Report

Legal Well Name: 16/10-3
Common Well Name: 16/10-3
Event Name: Orig Drilling
Contractor Name: TRANSOCEAN
Rig Name: TRANSOCEAN NORDIC

Start: 16.10.96
Rig Release: 06.12.96
Rig Number:

Spud Date: 22.10.96
End: 06.12.96

Day	Depth (m)	Hole Sz. (in.)	Mud Type	MW (g/cm³)	Visc. (s/L)	PV (mPa*s)	YP (lb/100ft²)	Gels 10s/10m/30m (Pa)	API WL (mL)	HTHP WL (mL)	HTHP T (°C)	pH	Cl- (mg/L)	Sand (%)	TS (%)	LGS (kg/m³)	MBT (kg/m³)	Oil (%)	Tot. Hard. (mg/L)	Tot. Vol. (m³)
6				1.08	120															240
7	196.00	36.000	Spud Mud	1.08	143															545
8	196.00	36.000	Spud Mud	1.08	125															433
9	196.00	36.000	Spud Mud	1.08	130							9.50								293
10	196.00	12.250	SW/PAC	1.05	44	13	8	2 / 3 / 0	10.0				22500		13.0	15	5.0		1240	343
11	431.00	12.250	SW/PAC	1.16	58	18	10	3 / 9 / 0	6.3			8.60	19000	1.00	7.0	57	30.0		1360	428
12	431.00	26.000	SW/PAC	1.15	75	13	12	7 / 25 / 0	7.3			8.60	15000	1.00	8.0	134	45.0		1360	564
13	431.00	26.000	SW/PAC	1.17	58	15	10	7 / 14 / 0	7.6			8.20	16500	1.00	8.0	99	44.0		1480	451
14	431.00	26.000	SW/PAC	1.18	64	17	21	8 / 14 / 0	7.0			8.30	17000	1.00	8.0	65	54.0		1280	430
15	431.00	26.000	SW/PAC	1.19	64	14	18	6 / 11 / 0	8.4			8.90	17000	1.00	8.0	65	54.0		1180	435
16	431.00	26.000	SW/PAC	1.19	64	13	19	6 / 11 / 0	8.5			8.90	17000	1.00	8.0	65	54.0		1180	455
17	508.00	17.500	KCl/PAC/Glycol	1.25	49	20	15	2 / 3 / 0	4.5			9.20	63000	1.00	11.5	41	17.0		600	288
18	946.00	17.500	KCl/PAC/Glycol	1.30	61	19	27	7 / 10 / 0	4.7			8.10	64000	0.30	16.0	182	42.0		800	362
19	1235.00	17.500	KCl/PAC/Glycol	1.34	61	16	12	4 / 10 / 0	5.0			7.90	76000	0.20	17.0	176	53.0		680	500
20	1235.00	17.500	KCl/PAC/Glycol	1.31	57	13	13	4 / 8 / 0	5.0			8.00	76000	0.10	15.5	144	53.0		680	478
21	1235.00	17.500	KCl/PAC/Glycol	1.31	58	16	17	5 / 12 / 0	5.2			7.90	77000	0.20	16.5	195	55.0		680	362
22	1235.00	17.500	KCl/PAC/Glycol	1.31	57	16	18	5 / 13 / 0	5.2			7.90	77000	0.25	16.0	168	60.0		660	377
23	1235.00	17.500	KCl/PAC/Glycol	1.38	55	16	17	5 / 14 / 0	5.4			7.80	76000	0.25	18.0	165	64.0		680	359
24	1235.00	12.250	KCl/PAC/Glycol	1.38	52	17	10	4 / 14 / 0	6.0			8.20	77000	0.25	18.0	165	68.0		720	442
25	1235.00	12.250	KCl/PAC/Glycol	1.37	50	16	10	4 / 14 / 0	6.4			8.00	73000	0.25	17.0	134	65.0		780	327
26	1235.00	12.250	KCl/PAC/Glycol	1.40	52	15	16	4 / 9 / 0	6.0			7.50	78000	0.25	18.0	128	65.0		600	459
27	1598.00	12.250	KCl/PAC/Glycol	1.40	68	25	31	4 / 12 / 0	4.0			7.80	85000	0.25	18.0	112	57.0		880	417
28	2048.00	12.250	KCl/PAC/Glycol	1.40	70	28	33	4 / 11 / 0	3.4			7.60	10300	0.25	19.0	121	55.0		980	408
29	2150.00	12.250	KCl/PAC/Glycol	1.45	72	31	35	4 / 9 / 0	2.8			7.60	10500	0.25	21.0	129	53.0		1060	357
30	2150.00	12.250	KCl/PAC/Glycol	1.45	74	31	17	4 / 9 / 0	2.9			7.60	10500	0.25	21.0	129	53.0		1060	338
31	2150.00	8.500	KCl/PAC/Glycol	1.45	80	30	18	4 / 10 / 0	2.8			7.70	10500	0.25	21.0	129	53.0		1060	346
32	2150.00	8.500	KCl/PAC/Glycol	1.45	82	30	18	4 / 10 / 0	2.7			7.80	10400	0.25	21.0	129	53.0		1060	295
33	2166.00	8.500	KCl/PAC/Glycol	1.46	73	33	19	4 / 8 / 0	2.7	12.0	150	8.60	11000	0.25	20.5	89	53.0		1200	328
34	2429.00	8.500	KCl/PAC/Glycol	1.40	59	32	15	4 / 6 / 0	2.8	12.0	150	7.70	98000		19.0	133	43.0		480	374
35	2527.00	8.500	KCl/PAC/Glycol	1.40	65	31	16	4 / 7 / 0	2.6	12.0	150	7.70	94000		19.0	143	46.0		480	354
36	2545.00	8.500	KCl/PAC/Glycol	1.41	62	29	16	4 / 7 / 0	3.0	11.4	150	7.90	92000	0.10	19.5	159	46.0		440	342

NORSK AGIP

Mud Summary Report

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Rig Release: 06.12.96
Rig Number:

Spud Date: 22.10.96
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Day	Depth (m)	Hole Sz. (in.)	Mud Type	MW (g/cm³)	Visc. (s/L)	PV (mPa*s)	YP (lb/100ft²)	Gels 10s/10m/30m (Pa)	API WL (mL)	HTHP WL (mL)	HTHP T (°C)	pH	Cl- (mg/L)	Sand (%)	TS (%)	LGS (kg/m³)	MBT (kg/m³)	Oil (%)	Tot. Hard. (mg/L)	Tot. Vol. (m³)
37	2850.00	8.500	KCl/PAC/Glycol	1.40	61	28	16	4 / 6 / 0	2.4	10.0	150	8.30	95000	0.10	19.5	173	45.0		320	375
38	2850.00	8.500	KCl/PAC/Glycol	1.40	65	29	15	4 / 8 / 0	2.3	10.8	150	8.40	98000	0.10	20.0	189	42.0		560	362
39	2850.00	8.500	KCl/PAC/Glycol	1.40	62	28	15	4 / 8 / 0	3.0	11.0	150	8.30	97000	0.10	20.0	191	42.0		480	347
40	2850.00	8.500	KCl/PAC/Glycol	1.40	60	27	15	4 / 7 / 0	3.0	11.0	150	8.20	97000	0.10	20.0	191	42.0		520	347
41	2850.00	8.500	KCl/PAC/Glycol	1.40	60	28	15	4 / 8 / 0	3.0	11.0	150	8.00	97000	0.10	20.0	191	42.0		480	385
42	2850.00	8.500	KCl/PAC/Glycol	1.39	58	28	14	4 / 8 / 0	3.0	12.0	150	8.50	94000	0.10	20.0	212	45.0		600	440
43	2850.00	8.500	KCl/PAC/Glycol	1.39	63	28	12	3 / 7 / 0	3.6	12.0	150	8.50	92000	0.10	19.5	192	41.0		600	408
44	2850.00	36.000	KCl/PAC/Glycol	1.39	64	29	12	3 / 7 / 0	3.8	12.0	150	8.30	90000	0.10	19.5	197	41.0		520	252

A PETROLEUM GEOCHEMICAL EVALUATION OF THE INTERVAL 310m TO 2840m OF THE 16/10-3 WELL, OFFSHORE NORWAY (INCLUDING EVALUATION OF WATER AND MUD SAMPLES)

Report No. 7922/Ic

Project No. Ic/GN185

Prepared by:
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Of:
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Llandudno, North Wales LL30 1SA, United Kingdom

For:
Norsk Agip a.s.
Travbaneveien 3, PO Box 101, N-4033 Forus, Norway

APRIL 1997

Robertson

CHAPTER 2

Introduction

This report presents the results of a geochemical evaluation of rock and fluid samples from the interval 310m to 2840m of the 16/10-3 well, drilled offshore Norway by Norsk Agip a.s.

Samples arrived at Robertson in two batches, the details of which are as follows.

Batch	Arrival date	Sample type	Depth range	Sample numbers
1	28 November 1996	Canned cuttings	1310m-2846m	58
2	29 November 1996	Canned cuttings	210m-2810m	61
3	7 February 1997	Water and Mud samples	430m-2840m	13

(NB. Of the 119 canned cuttings samples two were unusable because of unreadable depth labels.)

Batches 1 and 2 were despatched as a single consignment of four boxes by Norsk Agip but were separated in transit into two consignments of two boxes each. These boxes suffered considerable damage, most likely as a result of being dropped, and the cans arrived in a poor state. Many of the cans were dented and several had their lids open allowing leakage. In addition the depth labels on many cans were abraded making them difficult to read. A full list of the samples received and their state on receipt are given in Appendix 4.

The canned cuttings samples have been analysed to determine their thermal maturity and source rock potential. At the request of the client no analyses have been undertaken on these samples to detect and characterise oil staining as no migrant oil was detected during the drilling of the well.

The fluid samples comprised 3 FMT samples and 10 mud samples, the descriptions of which are included in Appendix 4. After consultation with the client an analytical programme was devised to attempt to determine the nature of the formation waters and whether trace quantities of hydrocarbons could be noted in these waters.

The numbers of analyses carried out for this study are as follows:

Cuttings samples	
Airspace gas	63
Sample preparation	117
Kerogen preparation	19
Spore colour index and kerogen composition	19
Vitrinite reflectivity	19
Total organic carbon content	40
Rock-Eval pyrolysis	40
Thermal extraction (S1) pyrolysis gas chromatography	8
Pyrolysis (S2) gas chromatography	8
Solvent extraction	3
Asphaltene precipitation	3
Extract fractionation by column chromatography	3
Alkane fraction gas chromatography	3
Alkane fraction GC-MS	3
Carbon isotopes (alkane, aromatic, polar, asphaltene fractions and whole extract)	3
Fluid/mud samples	
Sample preparation (including centrifuging and vacuum filtering)	8
Standard API water analysis	2
3-D fluorescence	2

Data and data interpretations were communicated to the client at intervals throughout the study via facsimile and E-mail.

Robertson personnel involved in this study were as follows:

Project coordination and report preparation	I Cutler
Microscopy analyses	R Harding, S Martin
Chemical analyses	supervised by M Wadsworth

COMPANY: NORSK AGIP **WELL: 16/10-3** **LOCATION: OFFSHORE NORWAY**

Depth, m	n-C_1, %	n-C_2, %	n-C_3, %	i-C_4, %	n-C_4, %	i-C_5, %	n-C_5, %	C_{6+}, %	Total gas, ppm	Wet gas (C_2-C_4), %	i-C_4/ n-C_4
310	99.8	0.1						0.1	7831	0.1	0.00
410	99.8	0.1						0.1	13003	0.1	0.56
610	99.8	0.1	0.1					0.1	10354	0.1	1.36
710	99.8	0.1	0.1					0.1	13492	0.2	0.20
910	99.7	0.1	0.1					0.1	17527	0.2	0.62
1110	99.1	0.4	0.3					0.1	13762	0.8	0.78
1310	95.7	1.7	1.5	0.5	0.2	0.1	0.1	0.1	25673	3.9	2.71
1510	22.0	3.1	17.2	11.0	7.8	11.9	4.9	22.2	251	39.1	1.41
1710	91.8	3.9	2.9	0.7	0.3	0.2	0.1	0.2	30109	7.7	2.64
1910	99.6	0.1	0.1					0.1	46287	0.3	1.76
2110	97.5	1.1	0.6	0.3	0.2	0.2		0.2	6818	2.1	1.44
2210	97.3	1.0	0.6	0.2	0.2	0.2		0.6	2512	1.9	1.02
2355	97.2	1.0	0.9	0.2	0.3			0.4	389	2.4	0.58
2360	96.3	1.3	0.9	0.2	0.3	0.2		0.8	799	2.7	0.52
2365	93.7	2.2	1.8	0.5	0.6	0.4	0.2	0.6	1309	5.1	0.72
2375	92.4	2.7	2.4	0.5	0.8	0.5	0.2	0.5	1764	6.5	0.65
2385	94.7	1.7	1.7	0.2	0.7	0.3	0.1	0.6	1870	4.3	0.31
2395	95.7	1.4	1.3	0.1	0.5	0.2	0.1	0.6	1754	3.4	0.27
2405	86.9	4.9	4.9	0.7	1.3	0.4	0.3	0.6	2451	11.8	0.56
2415	89.2	3.3	3.9	0.6	1.6	0.3	0.2	0.9	1065	9.4	0.35
2420	88.2	3.0	3.9	0.5	2.6	0.4	0.3	1.2	744	10.0	0.18
2420	90.8	2.7	3.2	0.5	1.7	0.3	0.3	0.5	698	8.2	0.32
2430	92.6	2.3	2.3	0.4	1.4	0.3	0.2	0.5	2241	6.3	0.29
2445	89.1	3.4	3.9	0.6	1.7	0.4	0.3	0.5	2304	9.6	0.37
2455	87.8	3.1	3.9	0.6	3.0	0.4	0.5	0.7	2049	10.6	0.20
2465	85.9	3.6	4.7	0.7	2.7	0.7	0.7	0.9	1552	11.8	0.27
2475	84.9	4.1	5.4	0.6	3.5	0.4	0.5	0.7	1253	13.5	0.16
2485	82.5	4.1	5.7	1.0	2.9	1.0	1.0	1.9	973	13.6	0.35
2495	68.5	5.3	9.9	2.1	5.7	2.3	1.9	4.5	908	22.9	0.36
2505	52.4	10.2	16.2	4.2	7.0	3.2	1.9	4.8	5051	37.7	0.60
2516	60.7	13.8	12.4	3.4	4.7	1.7	1.1	2.2	41062	34.3	0.72
2519	64.6	11.4	13.0	2.9	4.2	1.4	0.9	1.6	3871	31.5	0.70
2530	76.2	8.2	7.8	1.3	2.7	0.7	0.5	2.5	1746	20.0	0.49
2540	60.0	7.3	11.9	3.3	6.0	2.7	1.9	7.1	2048	28.4	0.54
2543	63.9	8.1	11.7	2.9	5.2	2.0	1.4	4.9	2577	27.9	0.57
2546	71.1	6.4	8.9	2.3	4.0	1.6	1.2	4.5	2696	21.6	0.58
2552	72.8	5.9	7.9	1.6	3.7	1.4	1.1	5.6	992	19.1	0.44
2558	73.8	6.1	8.2	1.4	3.4	0.9	0.7	5.4	958	19.2	0.41
2567	59.3	6.9	10.9	2.2	4.8	1.7	2.0	12.3	348	24.8	0.46
2572	51.8	12.5	16.5	4.3	6.9	2.5	1.7	3.8	14670	40.3	0.63
2573	75.0	5.3	7.5	1.2	3.5	1.3	1.1	5.0	442	17.6	0.35
2576	45.7	3.8	6.8	2.6	4.3			36.8	23	17.5	0.60
2588	75.3	7.0	7.6	1.1	3.4	0.8	0.6	4.3	742	19.1	0.33
2600	69.6	4.8	9.2	0.7	5.4	0.6	0.4	9.2	133	20.2	0.14
2606	70.7	6.5	8.2	1.7	4.2	1.5	1.3	5.9	769	20.6	0.41
2629	64.9	6.5	9.2	1.3	6.4	1.0	0.8	9.9	105	23.5	0.21
2636	74.3	7.4	8.0	1.6	3.5	0.9	0.7	3.6	602	20.5	0.45
2642	74.2		7.3	3.4	3.4			11.8	6	14.0	1.00
2654	78.3	4.8	7.4	1.0	4.0	0.4	0.6	3.6	82	17.2	0.24
2672	77.8	4.0	7.2	0.8	3.9	0.5	0.4	5.4	255	15.9	0.21
2684	89.2	4.1	3.5	0.4	1.2	0.2	0.1	1.2	892	9.2	0.38
2732	82.2	4.4	7.3	0.5	2.8			2.8	43	15.0	0.17
2738	81.7	3.7	7.6	0.4	2.2	0.6	0.4	3.4	95	13.9	0.19
2750	89.8	4.7	4.7					0.8	6	9.4	

TABLE 1 Airspace gas data for canned cuttings samples

COMPANY: NORSK AGIP **WELL: 16/10-3** **LOCATION: OFFSHORE NORWAY**

Depth, m	n-C_1, %	n-C_2, %	n-C_3, %	i-C_4, %	n-C_4, %	i-C_5, %	n-C_5, %	C_{6+}, %	Total gas, ppm	Wet gas (C_2-C_4), %	i-C_4/ n-C_4
2756								100.0	3	0.0	
2768	95.7							4.3	2	0.0	
2774								100.0	2	0.0	
2780	79.0	5.2	8.5	0.9	3.6		0.4	2.5	56	18.1	0.25
2786								100.0	3	0.0	
2792	78.0	4.6	7.8	0.8	4.0	0.6	0.5	3.6	203	17.2	0.20
2810								100.0	3	0.0	
2828	88.0	2.7	4.9	0.2	2.3	0.3	0.2	1.5	172	10.1	0.10
2840	91.2							8.8	3	0.0	

TABLE 1 Airspace gas data for canned cuttings samples

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			MATURITY DATA		KEROGEN COMPOSITION DATA						
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	SPORE COLOUR INDEX	VITR. REFL. R oil av %	% (Visual, from microscopy)			% (Calculated)			
					INERTINITE	VITRINITE	SAPROPEL	INERT	VIT	ALG SAP	WXY SAP
0											
947											
1010	Ctgs	MDST, brn-gy+ 20% SH med-dk gy+ 10% SH, dk gy+ tr LST, v lt gy+ tr foss	2.5-3.0 5.0 R	*	10	90	Mnr				
1018											
1110	Ctgs	SST, ol-blk+ 20% SST brn-gy+ 20% SH, lt gy+ tr SH, ol-blk + tr SST, lt gy	2.5-3.0	.26(10)	Mnr	100	Mnr				
1210	Ctgs	SH, ol-blk+ 20% SST, brn-gy+ 20% SH, lt gy+ tr SST, ol-blk+ tr SH, gn-gy	3.0	.30(16)	Mnr	100	Mnr				
1310	Ctgs	SH, brn-blk+ 20% MDST, brn-gy	3.0 7.0 R	.34(48)	Mnr	100	Mnr				
1410	Ctgs	SH, brn-gy+ 20% SH, brn-blk+ 20% LST, lt ol-gy+ tr LST, gn-gy+ tr LST, v lt gy	3.0	.36(45)	Prt	100	Prt				
1510	Ctgs	SH, ol-gy+ 20% SH, brn-gy+ 20% LST, lt brn-gy+ tr LST, pnk-gy	3.0-3.5	.36(46)	Prt	100	Prt				
1610	Ctgs	SH, ol-gy+ 20% SH, brn-gy+ 20% LST, lt brn-gy+ tr LST, pnk-gy	3.0	.35(10)	Mnr	100	Mnr				
1710	Ctgs	SH, ol-blk+ 20% SH, brn-gy+ tr SH, lt gy + tr SH, brn-blk	3.5-4.0	.41(45)	10	90	Mnr				
1810	Ctgs	SH, lt ol-gy+ 20% SH ol-blk, slty+ tr LST pnk-gy	3.0-3.5	.42(38)	Mnr	100	Mnr				
1829											
1829											
1889											
1895											
1910	Ctgs	SH, lt ol-gy+ 20% SH med-dk gy+ tr SH, v dsk red	3.0-3.5	.40(27)	40	60	Mnr				
2010	Ctgs	SH, med-dk gy+ 20% SH, lt ol-gy+ tr SH, dk gy+ tr LST, lt gy	3.0-3.5	.45(16)	40	50	10				
2012											

MATURITY AND KEROGEN COMPOSITION DATA

TABLE : 2A

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			MATURITY DATA		KEROGEN COMPOSITION DATA						
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	SPORE COLOUR INDEX	VITR. REFL. R oil av %	% (Visual, from microscopy)			% (Calculated)			
					INERTINITE	VITRINITE	SAPROPEL	INERT	VIT	ALG SAP	WXY SAP
2029											
2029											
2076											
2110	Ctgs	LST, wht+ 20% LST, lt gy	4.0	*	Prt	Prt	Prt				
2210	Ctgs	LST, wht+ 20% LST, lt gy	3.5-4.0 6.0-7.0 R	.45(5) .26(4)L .80(7)R 1.44(2)R	20	80	Mnr				
2250											
2310	Ctgs	LST, wht+ 20% LST, lt gy	3.5-4.0 5.5-6.0 R	.50(1) 1.12(7)R	20	80	Prt				
2351											
2351											
2361											
2378											
2410	Ctgs	LST, gy-red+ 20% LST mod red-brn+ 10% LST wht+ 10% LST, med-dk gy+ tr LST, dk gy	4.0 ? 6.6-7.0?R	.35(21) .23(13)L 1.26(4)R	50?	50?	Prt?				
2411 ?											
2501											
2510	Ctgs	SH, dk gy+ 20% SH, med-dk gy+ 20% SH, v dsk red+ 10% SH, lt ol-gy+ mnr LST, wht	4.0	.43(23) .25(9)L .77(7)R 1.40(2)R	10?	80?	10?				
2521											
2532.4											
2606	Ctgs	SST, gy-red+ 20% SH, med-dk gy+ 10% MDST, mod red-brn+ mnr SST wht+ tr SH, dk gy	4.5 ? 3.0-3.5?C	.42(9)	10	80	10				
2626											
2708	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ 10% LST, lt gy+ tr LST, wht	4.0-4.5	.45(11) .83(4)R 1.73(1)R	10	70	20				
2810	Ctgs	SST, mod red-brn+ 10% LST, wht+ tr LST lt gy+ tr SH, med-dk gy+ tr LST, lt gy	4.0-4.5	1.59(5)R	10	70	20				

MATURITY AND KEROGEN COMPOSITION DATA

TABLE : 2B

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %oOC	HC %EX	ALK. %HC
210	Ctgs	LST, lt gy+ 20% LST, med-lt gy+ 20% SLTST, med-dk gy+ mnr LST, v lt gy+ tr SST, gy-blk	-											
310	Ctgs	MDST, med-dk gy+ 20% SND crs+ 10% SST, gy-blk+ tr LST, wht+ tr LST, lt gy	-											
410	Ctgs	SST, med-dk gy+ 20% SND, crs+ 10% foss+ tr LST, med-lt gy+ tr SST, gy-blk	-											
510	Ctgs	MDST, med-lt gy+ 20% SH, med-dk gy+ tr MDST, brn-gy	-											
610	Ctgs	MDST, med-lt gy+ 20% LST gn-gy+ tr SND, crs+ tr MDST, mod yel-brn	-											
710	Ctgs	MDST, ol-gy+ 20% MDST, med-dk gy+ 10% MDST, gn-gy, shly	-											
810	Ctgs	MDST, gn-gy+ 20% MDST, med-dk gy+ tr SST, dk gy + tr LST, lt gy	-											
910	Ctgs	MDST, med-dk gy+ 20% MDST, dk gy+ tr SH, brn-gy+ tr LST, v lt gy	-											
947														
1010	Ctgs	MDST, brn-gy+ 20% SH, med-dk gy+ 10% SH, dk gy + tr LST, v lt gy+ tr foss	-											
1018														
1110	Ctgs	SST, ol-blk+ 20% SST, brn-gy+ 20% SH, lt gy+ tr SH, ol-blk+ tr SST, lt gy	-											
1210	Ctgs	SH, ol-blk+ 20% SST, brn-gy+ 20% SH, lt gy+ tr SST, ol-blk+ tr SH, gn-gy	-											
1310	Ctgs	SH, brn-blk+ 20% MDST, brn-gy	-											
1410	Ctgs	SH, brn-gy+ 20% SH, brn-blk+ 20% LST, lt ol-gy+ tr LST, gn-gy + tr LST, v lt gy	-											

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3A

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %ooC	HC %EX	ALK. %HC
1510	Ctgs	SH, ol-gy+ 20% SH, brn-gy+ 20% LST, lt brn-gy+ tr LST, pnk-gy	-											
1610	Ctgs	SH, ol-gy+ 20% SH, brn-gy+ 20% LST, lt brn-gy+ tr LST, pnk-gy	-											
1710	Ctgs	SH, ol-blk+ 20% SH, brn-gy+ tr SH, lt gy+ tr SH, brn-blk	-											
1810	Ctgs	SH, lt ol-gy+ 20% SH, ol-blk, slty+ tr LST, pnk-gy	-											
1829														
1829														
1889														
1895														
1910	Ctgs	SH, lt ol-gy+ 20% SH, med-dk gy+ tr SH, v dsk red	-											
2010	Ctgs	SH, med-dk gy+ 20% SH, lt ol-gy+ tr SH, dk gy+ tr LST, lt gy	-											
2012														
2029														
2029														
2076														
2110	Ctgs	LST, wht+ 20% LST, lt gy	-											
2210	Ctgs	LST, wht+ 20% LST, lt gy	-											
2250														
2310	Ctgs	LST, wht+ 20% LST, lt gy	-											
2351														
2351														
2355	Ctgs	LST, wht+ 20% LST, gy-red+ 10% LST, lt gy	.21	*	219	567	.16	460						
2360	Ctgs	LST, wht+ 30% LST, gy-red+ 10% LST, lt gy+ tr LST, dk gy	-											
2361														

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3B

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %oOC	HC %EX	ALK. %HC
2365	Ctgs	LST, med-dk gy+ 20% LST, lt gy+ 10% LST, wht+ tr LST, dk gy+ tr LST, gy-red	.45	*	204	267	.13	920						
2370	Ctgs	LST, med-dk gy+ 20% LST, lt gy+ 10% LST, wht+ mnr LST, dk gy	-											
2375	Ctgs	LST, med-dk gy+ 20% LST, lt gy+ 10% LST, wht+ mnr LST, dk gy	.61	*	218	174	.17	1330						
2378														
2380	Ctgs	LST, lt gy+ 20% LST, med-dk gy+ 20% LST, gy-red+ mnr LST, wht+ tr LST, dk gy	-											
2385	Ctgs	LST, med-dk gy+ 20% LST, gy-red+ 20% LST, lt gy+ mnr LST, wht+ tr LST, dk gy	.49	*	169	298	.25	830						
2390	Ctgs	LST, mod red-brn+ 20% LST, gy-red+ 20% LST, med-dk gy+ 10% LST, lt gy+ mnr LST, wht	-											
2395	Ctgs	LST, mod red-brn+ 20% LST, gy-red+ 20% LST, med-dk gy+ 10% LST, lt gy+ mnr LST, wht	.26	*	219	685	.23	570						
2400	Ctgs	LST, lt gy+ 20% LST, mod red-brn+ 20% LST, gy-red+ 10% LST, med-dk gy+ mnr LST, wht	-											
2405	Ctgs	LST, gy-red+ 20% LST, mod red-brn+ 20% LST, lt gy+ 10% LST, med-dk gy+ mnr LST, dk gy	.47	*	287	570	.25	1350						
2410	Ctgs	LST, gy-red+ 20% LST, mod red-brn+ 10% LST, wht+ 10% LST, med-dk gy + tr LST, dk gy	-											
2411 ?														
2415	Ctgs	LST, pal red+ 20% LST, gy-red+ 10% LST, med-dk gy+ 10% LST, wht + tr LST, dk gy	.45	*	256	540	.20	1150						
2420	Ctgs	LST, lt ol-gy+ 20% LST, dk gy+ 10% LST, v dsk red+ tr LST, wht+ tr LST, med-dk gy	-											

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3C

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %oOC	HC %EX	ALK. %HC
2425	Ctgs	LST, med-lt gy+ 20% LST, lt gy+ 10% LST, v dsk red+ 10% LST, dk gy+ tr LST, wht	.55	*	184	407	.17	1010						
2430	Ctgs	LST, dk gy+ 20% LST, lt ol-gy+ 20% LST, med-lt gy+ tr LST, v dsk red+ tr LST, wht	-											
2435	Ctgs	LST, lt ol-gy+ 20% LST, med-dk gy+ 10% LST, v dsk red+ tr LST, wht	.45	*	196	500	.20	880						
2440	Ctgs	LST, lt ol-gy+ 20% LST, med-dk gy+ 10% LST, v dsk red+ mnr LST, wht + tr LST, dk gy	-											
2445	Ctgs	LST, lt ol-gy+ 20% LST, med-dk gy+ 10% LST, v dsk red+ tr LST, wht+ tr LST, gy-red	.52	*	458	46	.29	2380						
2450	Ctgs	LST, lt ol-gy+ 20% LST, med-dk gy+ 10% LST, v dsk red+ 10% LST, wht + mnr LST, lt gy	-											
2455	Ctgs	LST, lt gy+ 20% LST, med-dk gy+ 10% LST, dk gy+ 10% LST, wht+ mnr LST, v dsk red	.52	*	240	488	.23	1250						
2460	Ctgs	LST, lt gy+ 20% LST, med-dk gy+ 10% SH, dk gy calc+ 10% LST, wht+ mnr LST, v dsk red	-											
2465	Ctgs	LST, lt gy+ 20% LST, med-dk gy+ 10% SH, dk gy calc+ 10% LST, wht+ mnr LST, v dsk red	.53	*	172	430	.21	910						
2470	Ctgs	LST, lt gy+ 20% LST, med-dk gy+ 10% SH, dk gy calc+ 10% LST, wht+ mnr LST, v dsk red	-											
2475	Ctgs	LST, med-dk gy+ 20% LST, lt gy+ 10% SH, dk gy, calc+ 10% LST, v dsk red + mnr LST, wht	.52	*	198	419	.20	1030						
2480	Ctgs	SH, med-dk gy, calc+ 20% SH, dk gy, calc+ 20% SH, v dsk red+ 10% LST, wht + tr LST, lt gy	.52	*	125	298	.34	650						
2485	Ctgs	SH, med-dk gy, calc+ 20% SH, dk gy, calc+ 20% SH, v dsk red+ 10% LST, wht + mnr SH, gy-red	.51	*	122	318	.28	620						

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3D

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %OOC	HC %EX	ALK. %HC
2490	Ctgs	SH, med-dk gy, calc+ 20% SH, dk gy, calc+ 20% SH, v dsk red+ mnr SH, lt gy + tr LST, wht	.53	*	157	313	.34	830						
2495	Ctgs	SH, med-dk gy, calc+ 20% SH, v dsk red+ 20% SH, dk gy, calc+ 10% SH, brn-gy+ tr LST, wht	.46	*	167	307	.25	770						
2500	Ctgs	SH, med-dk gy, calc+ 20% SH, dk gy+ 20% SH, v dsk red+ 10% SH, lt gy + mnr LST, wht	.42	*	195	362	.29	820						
2501														
2505	Ctgs	SH, med-dk gy, calc+ 20% SH, dk gy+ 20% SH, v dsk red+ 10% SH, lt gy + mnr LST, wht	.78	*	238	218	.17	1860						
2510	Ctgs	SH, dk gy+ 20% SH, med-dk gy+ 20% SH, v dsk red+ 10% SH, lt ol-gy+ mnr LST, wht	3.89	422	462	38	.06	17960						
2515	Ctgs	SH, dk gy+ 20% SH, med-dk gy+ 20% SH, lt gy + 10% SH, v dsk red+ mnr LST, wht	5.07	423	512	30	.01	25960	3785		7.5			
2516	Ctgs	SH, brn-blk+ 20% SH, med-dk gy+ 10% SH, lt gy + 10% SH, v dsk red+ mnr SH, gy-red	7.00	420	545	27	.06	38140	6220		8.9			
2519	Ctgs	SH, brn-blk+ 20% SH, med-dk gy+ 10% SH, lt gy + mnr SH, v dsk red+ tr LST, wht	6.01	420	523	30	.06	31460	7235		12.0			
2521														
2525	Ctgs	SH, brn-blk+ 20% SH, med-dk gy+ 20% SST, wht + 10% SH, v dsk red+ tr LST, wht	1.20	425	288	91	.10	3450						
2528	Ctgs	SH, brn-blk+ 20% SH, v dsk red+ 20% SST, wht + 10% SH, med-dk gy+ tr LST, wht	1.22	427	297	98	.09	3620						
2530	Ctgs	SST, mod red-brn+ 20% SST, wht+ 20% SH, med-dk gy+ 10% SH, dk gy + tr LST, wht	.43	*	274	351	.21	1180						
2531	Ctgs	SH, brn-blk+ 20% SH, med-dk gy+ 20% SH, med-lt gy+ 10% SH, gy-red+ tr LST, wht	-											
2532.4														

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3E

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %oOC	HC %EX	ALK. %HC
2534	Ctgs	SH, med-lt gy+ 20% SH, med-dk gy+ 20% SH, brn-gy+ 10% SH, v dsk red+ mnr LST, wht	1.51	424	364	152	.18	5500						
2537	Ctgs	SH, med-dk gy+ 20% SH, brn-blk+ 20% SH, lt ol-gy+ 10% SH, v dsk red+ mnr LST, wht	-											
2540	Ctgs	SST, wht+ 20% SH, med-dk gy+ 20% SST, v dsk red+ 10% SH, brn-blk+ mnr SH, med-lt gy	.35	*	323	360	.22	1130						
2543	Ctgs	SST, wht+ 20% SH, med-dk gy+ 20% SST, v dsk red+ 10% SH, brn-blk+ tr LST, wht	-											
2546	Ctgs	SST, wht+ 20% SST, v dsk red+ 20% SH, med-dk gy+ 10% SH, brn-blk+ tr LST, wht	.40	*	313	275	.19	1250						
2549	Ctgs	SST, wht+ 30% SST, mod red-brn+ 20% SH, med-dk gy+ mnr SH, brn-blk+ tr LST, wht	.25	*	472	400	.27	1180						
2552	Ctgs	SST, wht+ 20% SH, med-dk gy+ 10% SH, lt gy + mnr SH, v dsk red+ mnr SH, brn-blk	-											
2555	Ctgs	SST, wht+ 20% SH, med-dk gy+ 10% SH, lt gy + 10% SH, v dsk red+ mnr SH, brn-blk	.42	*	169	252	.30	710						
2558	Ctgs	SST, wht+ 20% SH, gy-red + 20% SH, v dsk red+ 10% SH, med-dk gy+ mnr SH, brn-blk	-											
2561	Ctgs	SST, wht+ 20% SST, gy-red+ 20% SH, v dsk red+ 10% SH, med-dk gy+ mnr SH, brn-blk	.31	*	319	352	.29	990						
2564	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SST, wht+ tr SH, med-dk gy+ tr LST, wht	-											
2567	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SST, wht+ mnr SH, med-dk gy+ tr LST, wht	.25	*	400	392	.19	1000						
2570	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SST, wht+ 10% SH, med-dk gy+ mnr SH, brn-blk	-											

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3F

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %OOC	HC %EX	ALK. %HC
2572	Ctgs	SH, brn-blk+ 20% SST, wht+ 20% SH, med-dk gy+ 10% SH, v dsk red+ tr LST, wht	1.39	426	336	114	.11	4670						
2573	Ctgs	SST, wht+ 20% SH, v dsk red+ 20% SH, med-dk gy+ 10% SST, gy-red+ tr LST, wht	-											
2576	Ctgs	SST, gy-red+ 20% SH, v dsk red+ 20% SH, med-dk gy+ mnr SST, wht + tr LST, wht	.28	*	525	493	.27	1470						
2585	Ctgs	SST, gy-red+ 20% SH, v dsk red+ 20% SH, med-dk gy+ 10% SST, wht + tr LST, wht	.30	*	333	410	.34	1000						
2588	Ctgs	SST, gy-red+ 20% SH, v dsk red+ 10% SH, med-dk gy+ 10% SST, wht + tr LST, wht	-											
2594	Ctgs	SST, gy-red+ 20% SH, med-dk gy+ 10% SH, v dsk red+ mnr SH, dk gy + mnr SST, wht	.37	*	219	332	.36	810						
2600	Ctgs	SST, gy-red+ 20% SH, med-dk gy+ 10% SH, v dsk red+ 10% SST, wht + mnr SH, dk gy	.38	*	287	458	.25	1090						
2606	Ctgs	SST, gy-red+ 20% SH, med-dk gy+ 10% MDST, mod red-brn+ mnr SST, wht+ tr SH, dk gy	.31	*	332	406	.23	1030						
2618	Ctgs	SST, gy-red+ 20% SH, med-dk gy+ 20% MDST, mod red-brn+ mnr SST, wht+ tr LST, wht	.46	*	237	417	.35	1090						
2626														
2629	Ctgs	SST, gy-red+ 20% SH, med-dk gy+ 20% MDST, mod red-brn+ mnr SST, wht+ tr LST, wht	-											
2632	Ctgs	SST, mod red-brn+ 20% SST, v lt gy+ 20% SH, med-dk gy+ mnr SST, wht + tr SH, brn-blk	-											
2642	Ctgs	SST, mod red-brn+ 20% SH med-dk gy+ 20% SST, v lt gy+ mnr SST, wht+ tr SH, brn-blk	-											
2654	Ctgs	SST, mod red-brn+ 20% SH med-dk gy+ 20% SST, v lt gy+ mnr SST, wht+ tr SH, lt gy	-											

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3G

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %oOC	HC %EX	ALK. %HC
2666	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ mnr LST, v lt gy+ tr LST, wht	-											
2672	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ mnr LST, v lt gy+ tr SH, dk gy	-											
2678	Ctgs	SST, gy-red+ 20% SST, mod red-brn+ 20% SH, med-dk gy+ 10% LST, v lt gy+ tr LST, wht	-											
2684	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ 10% LST, lt gy+ tr LST, wht	-											
2690	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% LST, lt gy+ 10% SH, med-dk gy + tr LST, wht	-											
2696	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ 10% LST, lt gy+ tr LST, wht	-											
2702	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ 10% LST, lt gy+ tr LST, wht	-											
2708	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ 10% LST, lt gy+ tr LST, wht	-											
2714	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ 10% LST, lt gy+ mnr LST, wht	-											
2720	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ 10% LST, lt gy+ mnr LST, wht	-											
2726	Ctgs	SST, mod red-brn+ 20% SST, gy-red+ 20% SH, med-dk gy+ 10% LST, lt gy+ mnr LST, wht	-											
2732	Ctgs	SST, mod red-brn+ 20% SH lt ol-gy+ 10% SST, gy-red+ 10% LST, wht+ tr LST, v lt gy	-											
2738	Ctgs	SST, mod red-brn+ 20% SH lt ol-gy+ 20% SST, gy-red+ 10% LST, lt gy+ tr LST, wht	-											

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3H

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %oOC	HC %EX	ALK. %HC
2744	Ctgs	SST, mod red-brn+ 20% LST, wht+ 10% LST, lt gy + 10% SH, med-dk gy+ tr SH, dk gy	-											
2750	Ctgs	SST, mod red-brn+ tr LST wht+ tr LST, lt gy+ tr SH, med-dk gy+ tr SST, gy-red	-											
2756	Ctgs	SST, mod red-brn+ tr LST wht+ tr SH, med-dk gy+ tr SH, dk gy+ tr LST, lt gy	-											
2763	Ctgs	SST, mod red-brn+ tr SH, med-dk gy+ tr LST, lt gy + tr LST, wht+ tr SH, dk gy	-											
2768	Ctgs	SST, mod red-brn+ tr SH, med-dk gy+ tr SST, gy-red+ tr SH, dk gy+ tr LST, lt gy	-											
2774	Ctgs	SST, mod red-brn+ tr SH, med-dk gy+ tr SST, gy-red+ tr LST, lt gy+ tr LST, wht	-											
2780	Ctgs	SST, mod red-brn+ tr SH, med-dk gy+ tr SH, dk gy + tr LST, lt gy+ tr LST, wht	-											
2786	Ctgs	SST, mod red-brn+ tr SH, med-dk gy+ tr SH, dk gy + tr LST, wht+ tr LST, lt gy	-											
2792	Ctgs	SST, mod red-brn+ tr SH, med-dk gy+ tr SH, dk gy + tr LST, wht+ tr LST, lt gy	-											
2804	Ctgs	SST, mod red-brn+ 10% LST, wht+ tr SH, med-dk gy+ tr SH, dk gy + tr LST, lt gy	-											
2810	Ctgs	SST, mod red-brn+ 10% LST, wht+ tr LST, lt gy + tr SH, med-dk gy+ tr LST, lt gy	-											
2816	Ctgs	SST, mod red-brn+ tr LST wht+ tr LST, lt gy+ tr SH, med-dk gy+ tr SH, dk gy	-											
2822	Ctgs	SST, mod red-brn+ tr LST lt gy+ tr SH, dk gy+ tr LST, wht	-											

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3I

COMPANY: NORSK AGIP WELL: 16/10-3 LOCATION: OFFSHORE NORWAY

GENERAL DATA			CHEMICAL ANALYSIS DATA											
SAMPLE DEPTH (Metres)	SAMPLE TYPE	ANALYSED LITHOLOGY	TOC % OF ROCK	PYROLYSIS					SOLVENT EXTRACTION/FRACTIONATION					
				Tmax °C	HI	OI	PI	POT.YLD. (ppm)	EXTR. (ppm)	HC (ppm)	EXTR. % OC	HC %oOC	HC %EX	ALK. %HC
2828	Ctgs	SST, mod red-brn+ tr LST wht+ tr SH, dk gy+ tr LST, lt gy	-											
2834	Ctgs	SST, mod red-brn+ tr LST wht+ tr SH, dk gy+ tr LST, lt gy	-											
2840	Ctgs	SST, mod red-brn+ tr LST lt gy+ tr SH, med-dk gy + tr LST, wht	-											
2846	Ctgs	SST, mod red-brn+ 10% SH med-dk gy+ tr LST, lt gy + tr LST, wht+ tr SH, dk gy	-											

SUMMARY OF CHEMICAL ANALYSIS DATA

TABLE : 3J