Formation Pressures

DEPTH (m RKB)	HYDROSTATIC MUD PRESSURE (psia)	MEASURED FORMATION PRESSURE (psia)	COMMENTS
Run 2A/B			
1038.5	2270.5	1517.3	Not temp. stabilized
1018.0	2226.4	1504.3	"
1027.0	2246.2	1503.7	
1018.0	2226.2	1504.4	
1033.0	2258.6	1509.5	
1027.0	1943.5	1501.8	
Run 3C			
1018.5	1813.2	1510.0	Not temp. stabilized
1020.0	1819.5	1513.6	"
1027.0	1832.9	1501.4	
1033.0	1841.5	1505.9	
1039.0	1851.6	1514.1	
1090.0	1942.2	1588.5	
1216.5	2165.4	1771.6	
1315.0	2342.7	1917.7	
1315.0	2343.4	1918.6	
1377.0	2452.9	2006.3	
1028.0	1844.9	1511.1	Segregated sample

Fig. 5.3 Formation pressures data, Hitra formation, 6507/6-1

Date 9.86	Auth CS	Appr PS
Draw by HKG	Ref EPF	

Formation Pressures

DEPTH (m RKB)	HYDROSTATIC MUD PRESSURE (psia)	MEASURED FORMATION PRESSURE (psia)	COMMENTS
Run 5D			
2268.0	4348.4		Tight
2328.5	4464.2	3674.2	Tight formation Δp=4000 psi
2419.0	4637.2		Tight
2447.0	4690.8	3348.4	Tight formation Δp=4000 psi
2512.0	4814.8	3952.6	Tight formation Δp=4000 psi
2605.4	4993.8		Tight
2658.5	5094.9	4218.9	Tight formation Δp=4000 psi
3037.0	5818.7		Tight

Fig. 5.4 Formation pressures data, Triassic sequence, 6507/6-1

Date 9.86	Auth CS	Appr PS
Draw by HKG	Ref EPF	

FMT analysis

COMPONENT	MOL %
N_2	1.17
CO_2	0.04
C_1	98.68
C_2	0.01
C_3	0.01
$I\text{-}C_4$	0.008
$N\text{-}C_4$	0.025
$I\text{-}C_5$	0.004
$N\text{-}C_5$	0.003
C_6	0.008
C_7	0.034
C_8	0.009
C_9	0.00
C_{10+}	0.00
AVERAGE MOL WEIGHT	16.26
GAS GRAVITY (AIR = 1)	0.571

CALCULATED GAS GRADIENT AT 1500 PSI AND 90 °F (32.3 °C)
= 0.0075 BAR/M

Fig. 5.7 Gas sample taken at 1028 m RKB

Date 9.86	Auth B&B	Appr JMH
Draw bpS	Ref EPF	

SAGA PETROLEUM A.S.

6.2.1 MUD PROPERTIES, DAILY REPORT
Well no: 6507/6-1

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf / Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
860612		.0	1.03										SPUD MUD
860613		.0	1.03										SPUD MUD
860614		.0	1.03										SPUD MUD
860615	36	467.0	1.03										SPUD MUD
860616	36	584.0	1.03										SPUD MUD
860617	36	622.0	1.03										GEL MUD
860618	17-1/2	627.0	1.10	24	12	18/34	10.0	0.2/1.2	200	3000	0.3	2.0	GEL MUD
860619	17-1/2	975.0	1.12	7	35	24/26	9.0	0.1/0.3	200	8500	0.5	8.0	GEL MUD
860620	26	975.0	1.15	8	44	24/24	10.0	0.4/0.6	240	9000	0.3	6.0	GEL MUD
860621	26	975.0	1.20	8	38	20/23	9.6	0.1/0.2	200	8500	0.3	6.0	GEL MUD
860622	26	975.0	1.20										GEL MUD
860623	26	975.0	1.30	17	24	3/5	9.8	0.1/0.3	480	25000			GYP/POLYMER MUD
860624	12-1/4	1026.0	1.30	18	22	3/5	9.8	0.2/0.6	360	26000	1.0	8.0	GYP/POLYMER MUD
860625	12-1/4	1071.0	1.15	11	14	2/4	10.2	0.2/0.6	320	20000	0.8	8.0	GYP/POLYMER MUD
860626	12-1/4	1409.0	1.15	16	19	2/4	9.9	0.2/0.5	280	19000	0.8	6.0	GYP/POLYMER MUD
860627	17-1/2	1409.0	1.20	18	20	2/5	9.8	0.2/0.5	280	19000	0.8	8.0	GYP/POLYMER MUD
860628	17-1/2	1409.0	1.32	17	18	3/4	11.4	0.2/0.5	240	115000	1.0	8.0	GYP/POLYMER MUD
860629	17-1/2	1611.0	1.32	20	19	3/5	11.4	0.1/0.4	160	175000	1.0	9.0	GYP/POLYMER MUD
860630	17-1/2	1716.0	1.39	20	20	3/6	11.0	0.1/0.6	120	190000	1.0	12.0	NACL SATURATED
860701	17-1/2	1743.0	1.38	22	20	3/5	11.1	0.1/0.5	160	190000	0.3	12.0	NACL SATURATED
860702	17-1/2	1766.0	1.39	20	20	3/5	10.9	0.1/0.6	400	195000	0.3	13.0	NACL SATURATED
860703	17-1/2	1844.0	1.40	23	20	3/7	11.0	0.1/0.8	720	178000	0.3	12.0	NACL SATURATED
860704	17-1/2	1919.0	1.38	21	19	3/5	11.0	0.1/0.6	480	175000	0.2	11.0	NACL SATURATED
860705	17-1/2	1980.0	1.37	20	19	3/7	11.0	0.1/0.6	520	173000	0.2	10.0	NACL SATURATED
860706	17-1/2	2014.0	1.37	20	21	3/7	11.1	0.1/0.8	520	163000	0.2	11.0	NACL SATURATED
860707	17-1/2	2055.0	1.38	23	21	4/15	11.0	0.1/0.7	480	190000	0.2	11.0	NACL SATURATED
860708	17-1/2	2168.0	1.37	20	17	3/11	11.1	0.1/0.6	400	172000	0.2	11.0	NACL SATURATED
860709	17-1/2	2224.0	1.38	21	20	3/7	10.8	0.1/0.5	400	163000	0.2	11.0	NACL SATURATED
860710	17-1/2	2224.0	1.38	23	19	2/11	9.2	0.1/0.6	960	162000	0.3	11.0	NACL SATURATED
860711	17-1/2	2224.0	1.38	21	10	1/6	10.0	0.1/0.6	960	155000	0.3	11.0	NACL SATURATED
860712	17-1/2	2224.0	1.38	19	12	1/10	10.5	0.1/0.6	1000	160000	0.1	12.0	NACL SATURATED

SAGA PETROLEUM A.S.

6.2.1 MUD PROPERTIES, DAILY REPORT
Well no: 6507/6-1

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf / Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
860713	12-1/4	2224.0	1.38	18	15	1/10	10.5	0.2/0.7	1000	169000	0.1	12.0	NACL SATURATED
860714	12-1/4	2224.0	1.38	22	18	3/15	10.7	0.1/0.6	920	161000	0.1	12.0	NACL SATURATED
860715	12-1/4	2424.0	1.35	18	15	3/7	10.0	0.3/1.1	640	160000	0.1	10.0	NACL SATURATED
860716	12-1/4	2605.0	1.35	18	15	3/7	10.6	0.2/1.1	680	170000	0.2	10.0	NACL SATURATED
860717	12-1/4	2768.0	1.35	20	15	3/5	10.5	0.3/1.1	640	160000	0.2	10.0	NACL SATURATED
860718	12-1/4	2891.0	1.35	19	15	2/3	10.9	0.1/0.6	920	166000	0.2	10.0	NACL SATURATED
860719	12-1/4	2946.0	1.35	20	15	2/3	10.8	0.1/0.6	800	165000	0.1	10.0	NACL SATURATED
860720	12-1/4	3041.0	1.36	19	15	2/3	10.7	0.1/0.6	800	164000	0.1	11.0	NACL SATURATED
860721	12-1/4	3052.0	1.36	19	15	3/3	10.7	0.1/1.4	800	163000	0.1	11.0	NACL SATURATED
860722	12-1/4	3085.0	1.36	19	15	3/3	10.7	0.1/0.5	800	163000	0.1	11.0	NACL SATURATED
860723	12-1/4	3120.0	1.36	18	15	2/3	10.9	0.1/1.4	680	153000	0.3	11.0	NACL SATURATED
860724	12-1/4	3165.0	1.36	18	15	2/5	10.4	0.1/0.7	680	137000	0.2	11.0	NACL SATURATED
860725	12-1/4	3165.0	1.35	17	13	2/3	10.4	0.1/1.4	1000	134000	0.2	11.0	NACL SATURATED
860726	12-1/4	3165.0	1.32	14	12	2/4	9.5	0.1/1.4	880	125000	0.2	10.0	NACL SATURATED
860727	12-1/4	3165.0	1.32	14	12	2/3	9.5	0.1/0.7	880	123000	0.1	10.0	NACL SATURATED
860728	12-1/4	3165.0	1.20	21	16	2/10	9.5	0.1/0.7	160	10000	0.1	8.0	GEL MUD
860729	12-1/4	3165.0	1.20	19	15	2/8	9.7	0.1/0.7	160	10000	0.1	8.0	GEL MUD
860730	12-1/4	3165.0	1.20	19	15	2/8	9.7	0.1/0.7	160	10000	0.1	8.0	GEL MUD
860731	8-1/2	3221.0	1.20	14	14	7/13	11.0	0.2/0.9	220	7000	0.1	12.0	GEL MUD
860801	8-1/2	3265.0	1.20	16	16	4/2	10.5	0.2/1.0	190	6000	0.2	10.0	GEL MUD
860802	8-1/2	3335.0	1.20	16	15	8/25	10.3	0.1/1.0	160	6000	0.2	10.0	GEL MUD
860803	8-1/2	3386.0	1.20	16	12	4/21	10.3	0.1/0.9	160	6000	0.2	10.0	GEL MUD
860804	8-1/2	3447.0	1.20	16	14	6/25	10.2	0.1/0.8	160	6000	0.2	10.0	GEL MUD
860805	8-1/2	3560.0	1.20	16	13	5/21	10.2	0.1/0.8	160	6500	0.2	10.0	GEL MUD
860806	8-1/2	3611.0	1.20	16	12	5/30	10.0	0.1/0.8	140	6000	0.2	10.0	GEL MUD
860807	8-1/2	3621.0	1.23	14	13	7/24	9.8	0.1/0.7	200	6000	0.2	11.0	GEL MUD
860808	8-1/2	3704.0	1.20	16	12	4/20	10.0	0.1/0.8	240	6000	0.2	11.0	GEL MUD
860809	8-1/2	3793.0	1.20	17	13	6/16	10.4	0.2/0.8	160	6500	0.2	11.0	GEL MUD
860810	8-1/2	3822.0	1.20	16	13	5/20	10.1	0.1/0.8	100	6000	0.2	11.0	GEL MUD
860811	8-1/2	3863.0	1.20	17	14	5/25	10.5	0.2/0.7	120	6000	0.2	12.0	GEL MUD
860812	8-1/2	3934.0	1.20	18	14	5/20	10.5	0.2/1.0	180	6000	0.2	12.0	GEL MUD

SAGA PETROLEUM A.S.

6.2.1 MUD PROPERTIES, DAILY REPORT
Well no: 6507/6-1

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf / Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
860813	8-1/2	3984.0	1.20	18	13	6/24	10.5	0.2/1.1	180	6000	0.2	12.0	GEL MUD
860814	8-1/2	3995.0	1.20	18	13	7/23	10.4	0.2/1.1	160	6000	0.2	12.0	GEL MUD
860815	8-1/2	4013.0	1.20	18	12	3/10	10.6	0.2/1.3	80	6500		12.0	GEL MUD
860816	8-1/2	4040.0	1.20	18	11	3/10	10.6	0.2/1.4	80	6500		12.0	GEL MUD
860817	8-1/2	4040.0	1.20	18	11	3/10	10.5	0.2/1.4	100	6500		12.0	GEL MUD
860818	PB	3000.0	1.20				11.0						GEL MUD
860819	PB	2975.0	1.20				11.0						GEL MUD
860820	PB	1065.0	1.20				11.3						GEL MUD
860821	PB	485.0	1.20										GEL MUD
860822	PB	485.0	1.03										GEL MUD
860823	PB	485.0	1.03										GEL MUD

SAGA PETROLEUM A.S.

6.2.2 MUD MATERIALS USED

Well no: 6507/6-1

Materials	Unit	36 in hole	26 in hole	17-1/2 hole	12-1/4 hole	8-1/2 hole	Total
SAPP	50 KG	0	0	0	0	2	2
BARITE	M/T	34	95	318	51	153	651
BICARBONATE	50 KG	0	2	0	19	23	44
CAUSTIC SODA	25 KG	11	5	33	2	41	92
DRISPAC REG	50 LB	0	0	45	45	3	93
DRISPAC S/L	50 LB	0	0	183	41	105	329
LIGCO	25 KG	0	0	0	0	11	11
LIGCON	50 LB	0	0	0	0	3	3
LIME	40 KG	4	0	0	0	0	4
PROPLUG F/V	SXS	0	0	0	0	8	8
MILPOL 302	25 KG	0	3	317	119	0	439
PERMALOSE	25 KG	0	0	457	142	0	599
PRO-DEFOAMER	25 L	0	0	18	21	23	62
SODA ASH	50 KG	3	8	6	12	1	30
W.O.21	25 KG	0	0	2	0	0	2
Lubrisal	55 ga	0	0	0	0	3	3
BENTONITE	M/T	31	24	0	1	48	104
NACL	50 KG	0	0	6442	1708	0	8150
PROBIO	55 GA	0	0	3	0	0	3
PRO-THIN	25 KG	0	46	60	0	321	427

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

REPORT ON GEOCHEMICAL ANALYSES FOR NOCS WELL 6507/6-1, SAGA PETROLEUM.

Client : Saga Petroleum

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GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 1 : C1 to C7 hydrocarbons in HEADSPACE gas
(ul gas/kg rock)

Project: 6507/6-1
Well: NOCS 6507/6-1
Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wetness	iC4/nC4
630.00	173366	160	166	42	43	311	173777	411	0.2	0.98
660.00	535739	437	212	27	-	1189	536415	676	0.1	-
690.00	807337	953	197	20	-	233	808507	1170	0.1	-
720.00	724752	1017	157	23	-	162	725949	1197	0.2	-
750.00	29872	25	-	-	-	-	29897	25	0.1	-
780.00	44851	27	2	-	-	-	44880	29	0.1	-
810.00	25293	13	-	-	-	-	25306	13	0.1	-
840.00	6704	3	1	-	-	-	6708	4	0.1	-
870.00	10196	8	-	-	-	-	10204	8	0.1	-
900.00	9356	4	-	-	-	-	9360	4	-	-
930.00	10852	7	-	-	-	-	10859	7	0.1	-
960.00	3134	-	-	-	-	-	3134	-	-	-
990.00	19737	15	-	-	-	-	19752	15	0.1	-
1020.00	31954	13	-	-	-	-	31967	13	-	-
1047.00	1415	2	-	-	-	-	1417	2	0.1	-
1083.00	28338	20	-	-	-	-	28358	20	0.1	-
1110.00	18711	29	-	-	-	-	18740	29	0.2	-
1137.00	34850	22	-	-	-	-	34872	22	0.1	-
1173.00	8309	13	-	-	-	-	8322	13	0.2	-
1200.00	7270	-	-	-	-	-	7270	-	-	-
1227.00	2200	9	3	-	-	-	2212	12	0.5	-
1263.00	8167	14	-	-	-	-	8181	14	0.2	-
1290.00	6221	17	-	-	-	-	6238	17	0.3	-

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 1 : C1 to C7 hydrocarbons in HEADSPACE gas
(ul gas/kg rock)

Project: 6507/6-1
Well: NOCS 6507/6-1
Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wetness	iC4/nC4
1317.00	5166	17	-	-	-	-	5183	17	0.3	-
1353.00	1504	8	-	-	-	-	1512	8	0.5	-
1380.00	5488	36	-	-	-	-	5524	36	0.7	-
1398.00	6810	46	-	-	-	-	6856	46	0.7	-
1497.00	581	-	-	-	-	130	581	-	-	-
1603.00	285	5	-	-	-	-	290	5	1.7	-
1701.00	157	-	-	-	-	-	157	-	-	-
1797.00	325	20	-	-	-	-	345	20	5.8	-
1896.00	90	-	-	-	-	-	90	-	-	-
2004.00	91	9	9	11	-	28	120	29	24.2	-
2103.00	22	1	-	-	-	-	23	1	4.4	-
2202.00	38	-	-	-	-	-	38	-	-	-
2301.00	6	-	-	-	-	-	6	-	-	-
2400.00	10	-	-	-	-	-	10	-	-	-
2499.00	13	-	-	-	-	-	13	-	-	-
2598.00	15	-	-	-	-	-	15	-	-	-
2697.00	21	-	-	-	-	-	21	-	-	-
2796.00	18	-	-	-	-	-	18	-	-	-
2904.00	26	-	-	-	-	-	26	-	-	-
3000.00	42	-	-	-	-	-	42	-	-	-
3099.00	18	2	-	-	-	-	20	2	10.0	-
3198.00	22	-	-	-	-	-	22	-	-	-
3297.00	16	3	-	-	-	-	19	3	15.8	-

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 1 : C1 to C7 hydrocarbons in HEADSPACE gas
(ul gas/kg rock)

Project: 6507/6-1
Well: NOCS 6507/6-1
Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
3405.00	44	18	9	4	4	375	79	35	44.3	1.00
3504.00	5	2	1	-	-	112	8	3	37.5	-
3603.00	20	5	2	2	-	325	29	9	31.0	-
3702.00	1	-	-	-	-	17	1	-	-	-
3801.00	11	5	2	1	-	93	19	8	42.1	-
3900.00	6	2	1	-	-	10	9	3	33.3	-
3999.00	18	4	3	2	1	23	28	10	35.7	2.00

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age / Lithology description	Trb	Sample
								001
630.00								
			60	Cont		: cem, prp		001-1
		0.10	40	S/Sst		: y, pi, w, blk, fos, l, ign		001-2
			tr	Other		: glauc		001-3
								002
640.00								
			60	Cont		: cem, prp		002-1
		0.04	40	S/Sst		: y, pi, w, blk, fos, l, ign		002-2
			tr	Other		: glauc		002-3
								004
660.00								
			90	S/Sst		: y, pi, w, blk, l, ign		004-1
		0.04	10	Cont		: cem, l		004-2
			tr	Other		: glauc		004-3
								005
670.00								
			90	S/Sst		: brn, y, pi, w, blk, l, ign		005-1
		0.08	10	Cont		: cem, prp		005-2
			tr	Other		: glauc		005-3
								007
690.00								
			90	S/Sst		: brn, y, pi, w, blk, l, ign		007-1
		0.04	10	Sltst		: m gy to dsk y brn, mic		007-2
			tr	Cont		: cem, prp		007-3
			tr	Other		: pyr, glauc		007-4
								008
700.00								
			90	S/Sst		: brn, y, pi, w, blk, l, ign		008-1
		1.93	10	Sltst		: m gy to dsk y brn, mic		008-2
			tr	Cont		: cem, prp		008-3
			tr	Other		: pyr, glauc		008-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
720.00						010
			90	S/Sst : brn, y, pi, w, blk, l, ign		010-1
		0.44	10	Sltst : m gy to dsk y brn, mic		010-2
			tr	Cont : cem, prp		010-3
			tr	Other : pyr, glauc		010-4
730.00						011
		0.07	90	S/Sst : brn, y, pi, w, blk, l, ign		011-1
			10	Sltst : m gy to dsk y brn, mic		011-2
			tr	Cont : cem, prp		011-3
			tr	Other : pyr, glauc		011-4
750.00						013
		0.02	95	S/Sst : brn, y, pi, w, blk, f, l, ign		013-1
			5	Sltst : m gy to dsk y brn, mic		013-2
			tr	Other : pyr, glauc		013-3
760.00						014
		0.01	95	S/Sst : brn, y, pi, w, blk, fos, l, ign		014-1
			5	Sltst : m gy to dsk y brn, mic		014-2
			tr	Other : pyr, glauc		014-3
			tr	Kaolin : w		014-4
780.00						016
		0.03	95	S/Sst : brn, y, pi, w, blk, fos, l, ign		016-1
			5	Sltst : m gy to dsk y brn, mic		016-2
			tr	Other : pyr, glauc		016-3
			tr	Kaolin : w		016-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
790.00								017
		0.01	95	S/Sst		: brn, y, pi, w, blk, l, ign		017-1
			5	Sltst		: m gy to dsk y brn, mic		017-2
			tr	Other		: glauc		017-3
810.00								019
		0.08	100	S/Sst		: brn, y, pi, w, blk, l, ign		019-1
			tr	Sltst		: m gy to dsk y brn, mic		019-2
			tr	Other		: glauc		019-3
820.00								020
		0.04	100	S/Sst		: brn, y, pi, w, blk, fos, l, ign		020-1
			tr	Other		: glauc		020-2
840.00								022
		0.04	100	S/Sst		: brn, y, pi, w, blk, fos, f, l, ign		022-1
			tr	Other		: glauc		022-2
850.00								023
		0.01	90	S/Sst		: brn, y, w, blk, fos, f, crs, l, ign		023-1
			5	Sltst		: m gy to dsk y brn		023-2
			5	Cont		: cem		023-3
			tr	Other		: pyr, glauc		023-4
870.00								025
		0.05	80	S/Sst		: brn, y, w, blk, fos, f, crs, l, ign		025-1
			20	Cont		: cem		025-2
			tr	Other		: pyr, glauc		025-3

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Trb	Sample	Lithology description
880.00								026	
			90	Cont		: cem		026-1	
			10	S/Sst		: brn, y, w, blk, fos, f, crs, l, ign		026-2	
900.00								028	
			90	Cont		: cem		028-1	
			10	S/Sst		: brn, y, w, blk, fos, crs, l, ign		028-2	
			tr	Other		: glauc		028-3	
910.00								029	
			70	Cont		: cem		029-1	
		0.08	30	S/Sst		: brn, y, w, blk, fos, crs, l, ign		029-2	
			tr	Coal				029-3	
930.00								031	
		0.04	70	S/Sst		: brn, y, w, blk, fos, f, crs, l, ign		031-2	
			30	Cont		: cem		031-1	
			tr	Sh/Clst		: pl gn		031-3	
			tr	Sltst		: m gy to dsk y brn		031-4	
			tr	Other		: glauc		031-5	
940.00								032	
		0.07	90	S/Sst		: brn, y, w, blk, fos, f, crs, l, ign		032-2	
			10	Cont		: cem		032-1	
960.00								034	
			80	Cont		: cem		034-1	
			20	S/Sst		: brn, y, pi, w, blk, fos, f, crs, l, ign		034-2	

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
970.00								035
		0.08	70	S/Sst		: brn, y, pi, w, blk, fos, f, crs, l, ign		035-2
			30	Cont		: cem		035-1
			tr	Sltst		: m gy to dsk y brn		035-3
			tr	Other		: pyr		035-4
990.00								037
		0.06	90	S/Sst		: brn, y, pi, w, blk, fos, f, crs, l, ign		037-2
			10	Cont		: cem, dd		037-1
1000.00								038
		0.07	95	S/Sst		: brn, y, w, blk, fos, f, crs, l, ign		038-2
			5	Cont		: cem		038-1
1020.00								040
		0.51	95	S/Sst		: brn, y, w, blk, fos, f, crs, l, ign		040-1
			5	Cont		: Coal-ad, cem, fib		040-2
			tr	Sltst		: m gy to dsk y brn		040-3
			tr	Other		: pyr, glauc		040-4
1029.00								041
		0.08	95	S/Sst		: brn, y, w, blk, fos, f, crs, l, ign		041-1
			5	Cont		: Coal-ad, cem, fib		041-2
			tr	Sltst		: m gy to dsk y brn		041-3
			tr	Other		: pyr, glauc		041-4

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Trb	Sample	Lithology description
1038.50		ccp						304	
		30.46	100	Coal				304-1	: blk to brn blk, cly
1046.00		ccp						305	
		20.99	100	Coal				305-1	: brn blk, s, cly
1047.00								043	
		0.03	95	S/Sst				043-1	: brn, y, w, blk, fos, f, crs, l, ign
			5	Cont				043-2	: Coal-ad, cem, fib
			tr	Sltst				043-3	: m gy to dsk y brn
			tr	Other				043-4	: pyr, glauc
1047.10		ccp						306	
		49.56	100	Coal				306-1	: brn blk
1047.30		ccp						307	
		50.15	100	Coal				307-1	: brn blk
1053.50		ccp						308	
		39.85	100	Coal				308-1	: brn blk
1056.00								044	
			45	S/Sst				044-2	: brn, y, w, blk, fos, f, crs, l, ign
		50.08	30	Sh/Clst				044-4	: blk, carb, mic
			20	Cont				044-1	: Coal-ad, Mica-ad, cem, prp, fib
			5	Other				044-3	: pyr

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1065.00								045
		1.23	50	S/Sst	: w, l			045-2
			30	Cont	: Mica-ad, cem, prp, fib			045-3
		55.44	20	Coal	: blk			045-1
1083.00								047
		55.71	70	Coal	: blk to brn blk			047-1
			15	S/Sst	: w, l			047-2
			15	Cont	: Mica-ad, prp, fib			047-3
1092.00								048
			70	S/Sst	: w, l			048-2
		50.13	20	Coal	: blk			048-1
			10	Cont	: Mica-ad, cem, fib			048-3
1110.00								050
		0.21	80	S/Sst	: w, crs, l			050-2
			10	Coal	: blk			050-1
			10	Cont	: Coal-ad, Mica-ad, prp			050-3
1119.00								051
		0.25	60	S/Sst	: w, l			051-2
			30	Cont	: Coal-ad, Mica-ad, prp			051-3
			10	Coal	: blk			051-1
1137.00								053
		0.05	60	S/Sst	: w, l			053-2
			20	Coal	: blk			053-1
			20	Cont	: Coal-ad, Mica-ad, prp			053-3

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Lithology description	Trb	Sample
									054
1146.00									
			70	S/Sst			: w, l		054-2
			20	Coal			: blk		054-1
		62.99	10	Cont			: Mica-ad, prp		054-3
			tr	Other			: pyr		054-4
									055
1155.00									
			60	S/Sst			: w, l		055-2
		0.56	25	Coal			: blk		055-1
		61.17	10	Cont			: Mica-ad, prp		055-3
			5	Other			: pyr		055-4
									057
1173.00									
			50	S/Sst			: w, l		057-2
		48.83	45	Coal			: blk		057-1
			5	Other			: pyr		057-3
									058
1182.00									
			80	S/Sst			: w, crs, l		058-2
		0.27	15	Coal			: blk		058-1
			5	Cont			: Mica-ad		058-3
			tr	Other			: pyr		058-4
									060
1200.00									
			95	S/Sst			: w, crs, l		060-2
		0.04	5	Coal			: blk		060-1
			tr	Cont			: Mica-ad		060-3
			tr	Other			: pyr		060-4

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Trb	Sample
				Lithology description				
1209.00								061
		0.01	95	S/Sst		: w, crs, l		061-2
			5	Coal		: blk		061-1
			tr	Cont		: Mica-ad		061-3
			tr	Other		: pyr		061-4
1227.00								063
		0.01	100	S/Sst		: w, crs, l		063-2
			tr	Coal		: blk		063-1
			tr	Cont		: Mica-ad		063-3
1236.00								064
		0.05	100	S/Sst		: w, crs, l		064-2
			tr	Coal		: blk		064-1
			tr	Other		: pyr		064-3
1245.00								065
			85	S/Sst		: w to m gy, crs, l		065-2
		66.77	15	Coal		: blk		065-1
			tr	Other		: pyr		065-3
			tr	Cont		: Mica-ad		065-4
1263.00								067
			70	S/Sst		: w to m gy, crs, l		067-2
		0.96	20	Ca		: drk y brn, s, dol		067-3
			10	Coal		: blk		067-1
			tr	Other		: pyr		067-4
			tr	Cont		: Mica-ad		067-5

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Lithology description	Trb	Sample
1272.00									068
		0.21	95	S/Sst			: w to m gy, crs, l		068-2
			5	Coal			: blk		068-1
			tr	Other			: pyr		068-3
			tr	Cont			: Mica-ad		068-4
1290.00									070
		0.05	95	S/Sst			: w to m gy, crs, l		070-2
			5	Coal			: blk		070-1
			tr	Other			: pyr		070-3
			tr	Cont			: Mica-ad		070-4
1299.00									071
		0.03	90	S/Sst			: w to m gy, crs, l		071-2
			5	Coal			: blk		071-1
			5	Ca			: drk y brn, s, dol		071-4
			tr	Other			: pyr		071-3
			tr	Cont			: Mica-ad		071-5
1317.00									073
		0.23	90	S/Sst			: w to m gy, crs, l		073-2
			5	Coal			: blk		073-1
			5	Ca			: drk y brn, s, dol		073-4
			tr	Other			: pyr		073-3
			tr	Cont			: Mica-ad		073-5
1326.00									074
		0.01	90	S/Sst			: w to m gy, crs, l		074-2
			5	Coal			: blk		074-1
			5	Ca			: drk y brn, s, dol		074-4
			tr	Other			: pyr		074-3
			tr	Cont			: Mica-ad		074-5

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1335.00								075
			85	S/Sst	:	w to m gy, crs, l		075-2
		0.09	10	Ca	:	drk y brn to dsk y brn, s, dol		075-4
			5	Coal	:	blk		075-1
			tr	Other	:	pyr		075-3
			tr	Cont	:	Mica-ad		075-5
1353.00								077
		0.05	85	S/Sst	:	w to m gy, crs, l		077-2
			10	Cont	:	Mica-ad, prp		077-4
			5	Coal	:	blk		077-1
			tr	Other	:	pyr		077-3
1362.00								078
		0.05	90	S/Sst	:	w to m gy, crs, l		078-2
			5	Ca	:	drk y brn to dsk y brn, s, dol		078-3
			5	Cont	:	Mica-ad		078-4
			tr	Coal	:	blk		078-1
			tr	Other	:	pyr		078-5
1380.00								080
			40	S/Sst	:	w to m gy, crs, l		080-1
		0.20	40	S/Sst	:	w to lt brn gy, calc, dol, f, cem		080-2
			10	Ca	:	drk y brn to dsk y brn, s, dol		080-3
			10	Coal	:	blk		080-4
			tr	Other	:	pyr		080-5
			tr	Cont	:	Mica-ad, prp		080-6
1389.00								081
			40	S/Sst	:	w to m gy, crs, l		081-1
			40	S/Sst	:	w to lt brn gy, calc, dol, f, cem		081-2
		3.80	15	Ca	:	m y brn to dsk y brn, s, dol		081-3
			5	Coal	:	blk		081-4
			tr	Other	:	pyr		081-5
			tr	Ca	:	w		081-6

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Trb	Sample	Lithology description
1398.00								082	
		0.12	40	S/Sst				082-2	: w to lt brn gy, calc, dol, f, cem
			30	S/Sst				082-1	: w to m gy, crs, l
			10	Ca				082-3	: drk y brn to dsk y brn, s, dol
			10	Coal				082-4	: blk
			10	Ca				082-5	: w
			tr	Other				082-6	: pyr
1407.00								083	
			40	S/Sst				083-2	: w to lt brn gy, calc, f, cem
			30	S/Sst				083-1	: w to m gy, crs, l
			10	Ca				083-3	: drk y brn to dsk y brn, s, dol
		46.05	10	Coal				083-4	: blk
			10	Ca				083-5	: w
			tr	Other				083-6	: pyr
			tr	Sltst				083-7	: brn
1425.00								085	
			50	S/Sst				085-1	: w to drk gy, crs, l
		0.24	40	S/Sst				085-2	: w to lt brn gy, calc, dol, f
			10	Ca				085-3	: w
			tr	Coal				085-4	: blk
			tr	Other				085-5	: pyr
1434.00								086	
	cvd		40	S/Sst				086-1	: w to drk gy, crs, l
		0.24	40	Sh/Clst				086-6	: gy red, y brn, pl gn, pl red, calc
	cvd		10	S/Sst				086-2	: w to lt brn gy, calc, dol, f
	cvd		10	Ca				086-3	: w
	cvd		tr	Coal				086-4	: blk
	cvd		tr	Other				086-5	: pyr

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1452.00								088
		0.27	70	Sh/Clst:		gy red, y gy, lt gy, pl gn, pl red, calc		088-6
	cvd		15	S/Sst	:	w to drk gy, crs, l		088-1
	cvd		10	S/Sst	:	w to lt brn gy, calc, dol, f		088-2
	cvd		5	Ca	:	w		088-3
	cvd		tr	Coal	:	blk		088-4
	cvd		tr	Other	:	pyr		088-5
1470.00								090
		0.28	90	Sh/Clst:		gy red, y gy, lt gy, pl gn, pl red, calc		090-1
	cvd		5	Ca	:	w		090-2
	cvd		5	S/Sst	:	w to lt brn gy, calc, dol, f		090-3
	cvd		tr	Coal	:	blk		090-4
1479.00								091
		0.31	95	Sh/Clst:		gy red, y gy, lt gy, pl gn, pl red, calc		091-1
	cvd		5	S/Sst	:	w to lt brn gy, calc, dol, f		091-3
	cvd		tr	Ca	:	w		091-2
	cvd		tr	Coal	:	blk		091-4
1497.00								093
		0.17	80	Sh/Clst:		gy red, y gy, lt gy, pl gn, pl red, calc		093-1
			20	S/Sst	:	w, calc, mic, f, cem		093-2
	cvd		tr	S/Sst	:	l		093-3
	cvd		tr	Other	:	pyr		093-4
			tr	Sltst	:	y brn		093-5

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1508.00								094
			80	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				094-1
		0.15	20	S/Sst : w, calc, mic, f, cem				094-2
	cvd		tr	S/Sst : l				094-3
	cvd		tr	Other : pyr				094-4
			tr	Sltst : y brn				094-5
1524.00								096
		0.32	80	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				096-1
			20	S/Sst : w, calc, mic, f, cem				096-2
	cvd		tr	S/Sst : l				096-3
	cvd		tr	Other : pyr				096-4
			tr	Sltst : y brn				096-5
1533.00								097
		0.33	90	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				097-1
			10	S/Sst : w, calc, mic, f, cem				097-2
			tr	Coal : blk				097-3
			tr	Sltst : y brn				097-4
1551.00								099
			70	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				099-1
			15	S/Sst : w, calc, mic, f, cem				099-2
		0.16	15	Ca : w to pl y brn				099-3
			tr	Coal : blk				099-4
1560.00								100
			70	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				100-1
		0.15	15	S/Sst : w, calc, mic, f, cem				100-2
			15	Ca : w to pl y brn				100-3
			tr	Coal : blk				100-4

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Trb	Sample	Lithology description
1578.00								102	
			80					102-1	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc
		0.36	20					102-2	Ca : w, pl y brn
			tr					102-3	S/Sst : w, calc, mic, f
1587.00								103	
		0.60	80					103-1	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc
			10					103-2	Ca : w to pl y brn
			10					103-3	S/Sst : w, calc, f, cem
1603.00								105	
		0.28	80					105-1	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc
			10					105-2	Ca : w to pl y brn
			10					105-3	S/Sst : w, calc, f, cem
1612.00								106	
		0.51	80					106-1	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc
			10					106-2	Ca : w to pl y brn
			10					106-3	S/Sst : w, calc, f, cem
1628.00								108	
		0.37	70					108-1	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc
			20					108-3	S/Sst : w, calc, f, cem
			10					108-2	Ca : w to pl y brn

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type			Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description					
1638.00									109
			70	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc					109-1
		0.17	20	S/Sst : w, calc, f, cem					109-3
			10	Ca : w to pl y brn					109-2
1656.00									111
		0.12	80	S/Sst : w, calc, f, cem					111-3
			20	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc					111-1
			tr	Ca : w to pl y brn					111-2
1674.00									113
		0.30	80	Sh/Clst: gy red, y gy, pl gn, pl red, calc					113-1
			15	S/Sst : w, calc, f, cem					113-3
			5	Ca : pl y brn					113-2
1692.00									115
		0.26	80	Sh/Clst: gy red, y gy, pl gn, pl red, calc					115-1
			15	S/Sst : w, calc, f, cem					115-3
			5	Ca : pl y brn					115-2
			tr	Coal					115-4
1701.00									116
		0.07	75	S/Sst : pi, w to gy red, calc, f, cem					116-3
			20	Sh/Clst: gy red, y gy, pl gn, pl red, calc					116-1
			5	Ca : pl y brn					116-2
			tr	Coal					116-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1709.00								117
			50	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				117-1
		0.08	40	S/Sst : pi, w to gy red, calc, f, cem				117-3
			10	Ca : pl y brn				117-2
			tr	Coal				117-4
1727.00								119
		0.35	50	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				119-1
			40	S/Sst : pi, w to gy red, calc, f, cem				119-3
			10	Ca : pl y brn				119-2
			tr	Coal				119-4
1736.00								120
		0.30	80	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				120-1
			10	Cont : dd, fib				120-4
			5	Ca : pl y brn				120-2
			5	S/Sst : pi, w to gy red, calc, f, cem				120-3
1754.00								122
		0.47	80	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red, calc				122-1
			20	Ca : w, lt gy to pl y brn				122-2
			tr	S/Sst : pi, w, gy red, calc, f, cem				122-3
1763.00								123
			50	Cont : Coal-ad, prp, dd, fib, tar-ad				123-5
		0.57	40	Sh/Clst: lt gy to m gy, calc				123-1
			5	Sh/Clst: red, gy red, calc				123-2
			5	S/Sst : w, calc, f, cem				123-3
			tr	Ca : w				123-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1779.00								125
			50	Cont	:	Coal-ad, prp, dd, fib, tar-ad		125-5
		0.49	40	Sh/Clst	:	lt gy to m gy, calc		125-1
			5	Sh/Clst	:	red to gy red, calc		125-2
			5	S/Sst	:	w, calc, f, cem		125-3
			tr	Ca	:	w		125-4
1797.00								127
		0.33	60	Sh/Clst	:	lt gy to m gy, calc		127-1
			20	Sh/Clst	:	red to gy red, calc		127-2
			10	Cont	:	Coal-ad, prp, dd, fib, tar-ad		127-5
			5	S/Sst	:	w, calc, f, cem		127-3
			5	Ca	:	w		127-4
1806.00								128
		0.55	40	Sh/Clst	:	lt gy to m gy, calc		128-1
			40	Sh/Clst	:	red to gy red, calc		128-2
			10	Cont	:	Coal-ad, prp, dd, fib, tar-ad		128-5
			5	S/Sst	:	w, calc, f, cem		128-3
			5	Ca	:	w		128-4
1824.00								130
			50	Cont	:	Coal-ad, Mica-ad, prp, dd, fib, tar-ad		130-5
		0.17	40	Sh/Clst	:	red to gy red, calc		130-1
			10	Sh/Clst	:	lt gy to m gy, calc		130-2
			tr	S/Sst	:	w, calc, f, cem		130-3
			tr	Ca	:	w		130-4
1851.00								133
		0.25	50	Sh/Clst	:	red to gy red, calc		133-1
			25	Cont	:	Coal-ad, Mica-ad, prp, dd, fib, tar-ad		133-5
			20	Sh/Clst	:	lt gy to m gy, calc		133-2
			5	Ca	:	w		133-4
			tr	S/Sst	:	w, calc, f, cem		133-3

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp' Frm Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1878.00						136
		0.13	90	Sh/Clst: red to gy red, calc		136-1
			10	Sh/Clst: lt gy to m gy, calc		136-2
			tr	Cont : fib, tar-ad		136-3
1896.00						138
		0.16	90	Sh/Clst: red to gy red, calc		138-1
			10	Sh/Clst: lt gy to m gy, calc		138-2
			tr	Cont : fib, tar-ad		138-3
1905.00						139
		0.16	90	Sh/Clst: red to gy red, calc		139-1
			5	Sh/Clst: lt gy to m gy, calc		139-2
			5	S/Sst : w, calc, f, cem		139-3
			tr	Cont : Coal-ad, fib, tar-ad		139-4
			tr	Ca : w		139-5
1923.00						141
		0.32	90	Sh/Clst: red to gy red, calc		141-1
			5	Sh/Clst: lt gy to m gy, calc		141-2
			5	S/Sst : w, calc, f, cem		141-3
			tr	Cont : Coal-ad, fib, tar-ad		141-4
			tr	Ca : w		141-5
1950.00						144
		0.16	70	Sh/Clst: red to gy red, calc		144-1
			15	Sh/Clst: m gy		144-2
			5	Ca : dsk y brn, dol		144-3
			5	S/Sst : w, calc, f, cem		144-4
			5	Cont : Coal-ad, fib, tar-ad		144-5

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
1977.00							147
		40	Sh/Clst: red to gy red, calc				147-1
	2.65	30	Sh/Clst: lt gy to m gy, calc				147-2
		15	S/Sst : w to lt gy, calc, f, cem				147-4
		10	Cont : prp, fib, tar-ad				147-5
		5	Ca : dsk y brn, dol				147-3
1986.00							148
		50	Cont : st, fib, tar-ad				148-5
	0.82	40	Sh/Clst: lt gy to m gy, calc				148-2
		5	Sh/Clst: red to gy red, calc				148-1
		5	Ca : dsk y brn, dol				148-3
		tr	S/Sst : w to lt gy, calc, f, cem				148-4
2004.00							150
	0.25	30	Ca : lt gy, dsk y brn, dol				150-3
		30	S/Sst : w to lt gy, calc, dol, f, cem				150-4
		20	Sh/Clst: red to gy red, calc				150-1
		20	Sh/Clst: lt gy to m gy, calc				150-2
2013.00							151
	0.17	30	Sh/Clst: red to gy red, calc				151-1
		20	Ca : lt gy, dsk y brn, dol				151-3
		20	Cont : st, fib, tar-ad				151-5
		15	Sh/Clst: lt gy to m gy, calc				151-2
		15	S/Sst : w to lt gy, calc, dol, f, cem				151-4
2031.00							153
		50	S/Sst : w to lt gy, calc, dol, f, cem				153-4
		20	Cont : st, fib, tar-ad				153-5
		15	Sh/Clst: red to gy red, calc				153-1
		10	Sh/Clst: lt gy to m gy, calc				153-2
		5	Ca : lt gy, dsk y brn, dol				153-3

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
2040.00								154
		0.28	50	S/Sst		: w to lt gy, calc, dol, f, cem		154-4
			20	Cont		: st, fib, tar-ad		154-5
			15	Sh/Clst		: red to gy red, calc		154-1
			10	Sh/Clst		: lt gy to m gy, calc		154-2
			5	Ca		: lt gy, dsk y brn, dol		154-3
2058.00								156
		0.13	60	Ca		: w to lt gy, pyr, s, chk		156-1
			25	Sh/Clst		: red to gy red, calc		156-2
			10	Sh/Clst		: lt gy to m gy, calc		156-3
			5	S/Sst		: w to lt gy, calc, dol, f, cem		156-4
2085.00								159
		0.17	70	S/Sst		: red, pi, w, l		159-1
			20	Ca		: w, gy red, lt gy, pyr, s, chk		159-2
			5	Sh/Clst		: lt gy to m gy, calc		159-3
			5	Ca		: lt gy to dsk y brn, dol		159-4
2103.00								161
			40	S/Sst		: red, pi, w, l		161-1
		0.31	40	Ca		: w, pyr		161-2
			5	Sh/Clst		: red to gy red, calc		161-3
			5	Sh/Clst		: lt gy to m gy, calc		161-4
			5	S/Sst		: w to gy red, calc, f, cem		161-5
			5	Other		: pyr		161-6
			tr	Ca		: w to lt gy, pyr, s, chk		161-7
2112.00								162
			40	S/Sst		: red, pi, w, l		162-1
		0.21	40	Ca		: w, pyr		162-2
			5	Sh/Clst		: red to gy red, calc		162-3
			5	Sh/Clst		: lt gy to m gy, calc		162-4
			5	S/Sst		: w to gy red, calc, f, cem		162-5
			5	Other		: pyr		162-6
			tr	Ca		: w to lt gy, pyr, s, chk		162-7

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Trb	Sample	Lithology description
2130.00								164	
		0.17	80	S/Sst				164-1	: red, pi, w, f, cem, l
			15	Ca				164-2	: w, pyr
			5	Other				164-3	: pyr
			tr	Sh/Clst				164-4	: lt gy to m gy, calc
			tr	Sh/Clst				164-5	: red to gy red
2157.00								167	
		0.15	100	S/Sst				167-1	: red, pi, w, f, cem, l
			tr	Ca				167-2	: w, pyr
			tr	Other				167-3	: pyr
2184.00								170	
		0.12	90	S/Sst				170-1	: red, pi, w, f, cem, l
			10	Ca				170-2	: w, pyr
			tr	Other				170-3	: pyr
			tr	Cont				170-4	: Mica-ad, fib, tar-ad
2202.00								172	
		0.11	90	S/Sst				172-1	: red, pi, w, f, cem, l
			10	Ca				172-2	: w, pyr
			tr	Other				172-3	: pyr
			tr	Cont				172-4	: Mica-ad, fib, tar-ad
2211.00								173	
		0.14	90	S/Sst				173-1	: red, pi, w, f, cem, l
			10	Ca				173-2	: w, pyr
			tr	Other				173-3	: pyr
			tr	Cont				173-4	: Mica-ad, fib, tar-ad

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
2229.00								175
			80	Cont	: cem			175-1
			20	S/Sst	: red, pi, w, f, cem, l			175-2
2256.00								178
		0.19	100	S/Sst	: red, pi, w, mic, f, cem			178-1
			tr	Cont	: cem, prp			178-2
2283.00								181
		0.24	100	S/Sst	: red, pi, w, cly, mic, f, cem			181-1
			tr	Cont	: cem, prp			181-2
2301.00								183
		0.14	100	S/Sst	: red, pi, w, cly, mic, f, cem			183-1
			tr	Cont	: cem, prp			183-2
2310.00								184
		0.16	100	S/Sst	: red, pi, w, cly, mic, f, cem			184-1
			tr	Cont	: prp			184-2
2328.00								186
		0.15	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			186-1
			tr	Sh/Clst	: lt gy to m gy			186-2
2355.00								189
		0.09	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			189-1
			tr	Sh/Clst	: lt gy to m gy			189-2
			tr	Cont	: prp			189-3

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GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
2382.00								192
		0.18	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			192-1
			tr	Sh/Clst	: lt gy to m gy			192-2
			tr	Cont	: prp			192-3
2400.00								194
		0.13	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			194-1
			tr	Sh/Clst	: lt gy to m gy			194-2
			tr	Cont	: prp			194-3
2409.00								195
		0.15	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			195-1
			tr	Cont	: cem			195-2
2454.00								200
		0.18	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			200-1
2481.00								203
		0.16	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			203-1
2499.00								205
		0.09	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			205-1
2508.00								206
		0.14	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			206-1

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GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
2526.00								208
		0.15	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			208-1
2535.00								209
		0.19	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			209-1
2553.00								211
		0.14	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			211-1
2580.00								214
		0.13	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			214-1
2598.00								216
		0.12	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			216-1
2607.00								217
		0.15	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			217-1
2634.00								220
		0.18	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			220-1
2652.00								222
		0.16	100	S/Sst	: red, pi, w, cly, mic, f, cem, kln			222-1

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp	Frm	Age / Lithology description	Trb	Sample
2679.00								225
		0.16	100	S/Sst		: red, pi, w, calc, cly, mic, f, cem		225-1
2697.00								227
		0.16	100	S/Sst		: red, pi, w, calc, cly, mic, f, cem		227-1
2706.00								228
		0.19	100	S/Sst		: red, pi, w, calc, cly, mic, f, cem		228-1
2733.00								231
		0.18	100	S/Sst		: red, pi, w, calc, cly, mic, f, cem		231-1
2760.00								234
		0.17	100	S/Sst		: red, pi, w, calc, cly, mic, f, cem		234-1
2778.00								236
		0.18	100	S/Sst		: red, pi, w, calc, cly, f, cem		236-1
2796.00								238
		0.14	100	S/Sst		: red, pi, w, calc, cly, mic, f, cem		238-1

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
2805.00							239
	0.13	100	S/Sst	: red, pi, w, calc, cly, mic, f, cem			239-1
2823.00							241
	0.12	100	S/Sst	: red, pi, w, calc, cly, mic, f, cem			241-1
2850.00							244
	0.19	100	Sh/Clst	: red, pi, w, calc, s, mic			244-1
2859.00							245
	0.16	100	Sh/Clst	: red, pi, w, calc, s, mic			245-1
2886.00							248
	0.21	100	Sh/Clst	: red, pi, w, calc, s, mic			248-1
2904.00							250
	0.16	100	Sh/Clst	: red, pi, w, calc, s, mic			250-1
2913.00							251
	0.18	100	Sh/Clst	: red, pi, w, calc, s, mic			251-1
2930.00							253
	0.22	100	Sh/Clst	: red, pi, w, calc, s, mic			253-1

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
2940.00								254
		0.17	100	Sh/Clst: red, pi, w, calc, s, mic				254-1
2966.00								257
		0.19	95	Sh/Clst: red, pi, w, calc, s, mic				257-1
			5	Sh/Clst: lt gy, calc				257-2
2982.00								259
		0.20	95	Sh/Clst: red, pi, w, calc, s, mic				259-1
			5	Sh/Clst: lt gy, calc				259-2
3000.00								261
		0.19	95	Sh/Clst: red, pi, w, calc, s, mic				261-1
			5	Sh/Clst: lt gy, calc				261-2
3009.00								262
			90	Sh/Clst: red, pi, w, calc, s, mic				262-1
		0.21	10	Sh/Clst: lt gy, calc				262-2
3027.00								264
		0.15	95	S/Sst : red, pi, w, calc, cly, mic, f, cem				264-1
			5	Sh/Clst: lt gy, calc				264-2
3054.00								267
		0.19	95	S/Sst : red, pi, w, calc, cly, mic, f, cem				267-1
			5	Sh/Clst: lt gy, calc				267-2

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Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
3063.00								268
		0.17	95	S/Sst	:	red, pi, w, calc, cly, mic, f, cem		268-1
			5	Sh/Clst	:	lt gy to m gy		268-2
			tr	Cont	:	prp		268-3
3090.00								271
		0.12	90	S/Sst	:	red, pi, w, calc, cly, mic, f, cem		271-1
			10	Sh/Clst	:	lt gy to m gy		271-2
3099.00								272
			50	S/Sst	:	red, pi, w, calc, cly, mic, f, cem		272-1
		0.11	40	Sh/Clst	:	lt gy to m gy, pl gn gy		272-2
			10	Ca	:	lt gy to dsk y brn		272-3
3135.00								273
			40	Sh/Clst	:	lt gy to m gy, pl gn gy		273-2
			30	S/Sst	:	red, pi, w, calc, cly, mic, f, cem		273-1
		0.50	30	Ca	:	lt gy to dsk y brn		273-3
3171.00								274
			100	Cont	:	cem		274-1
3198.00								275
		0.09	50	Sh/Clst	:	drk y brn, dsk red, dsk y brn, mic		275-2
			20	Cont	:	cem		275-1
			10	Ca	:	drk gy, dsk y brn, dol		275-3
			10	Sltst	:	gy brn, calc		275-4
			10	S/Sst	:	lt gy, calc, mic		275-5

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
3207.00								276
		0.15	50	Sh/Clst: drk y brn, dsk red, dsk y brn, mic				276-2
			20	Cont : cem				276-1
			10	Ca : drk gy, dsk y brn, dol				276-3
			10	Sltst : gy brn, calc				276-4
			10	S/Sst : lt gy, calc, mic				276-5
3243.00								277
		0.11	50	Sh/Clst: drk y brn, dsk red, dsk y brn, mic				277-2
			20	S/Sst : lt gy, calc, mic				277-5
			10	Cont : cem				277-1
			10	Ca : drk gy, dsk y brn, dol				277-3
			10	Sltst : gy brn, calc				277-4
3279.00								278
		0.07	60	Sh/Clst: gy brn to m gy				278-3
			30	Sh/Clst: drk y brn, dsk red, dsk y brn, mic				278-2
			10	Cont : cem, prp				278-1
			tr	Ca : w, s, mic				278-4
3297.00								279
		0.18	70	Sh/Clst: gy brn to m gy				279-3
			20	Sh/Clst: drk y brn, dsk red, dsk y brn, mic				279-2
			10	Cont : cem, prp				279-1
3315.00								280
		0.15	80	Sh/Clst: gy brn to m gy				280-3
			10	Cont : prp				280-1
			10	Sh/Clst: drk y brn, dsk red, dsk y brn, mic				280-2
			tr	Ca : w				280-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3351.00							281
	0.08	80	Sh/Clst	:	gy brn to m gy		281-3
		10	Cont	:	prp		281-1
		10	Sh/Clst	:	drk y brn, dsk red, dsk y brn, mic		281-2
		tr	Ca	:	w		281-4
3387.00							282
	0.18	80	Sh/Clst	:	gy brn to m gy		282-3
		10	Cont	:	prp		282-1
		10	Sh/Clst	:	drk y brn, dsk red, dsk y brn, mic		282-2
		tr	Ca	:	w		282-4
3405.00							297
	0.20	85	Sh/Clst	:	gy brn to drk gy		297-3
		10	Sh/Clst	:	drk y brn, dsk red, dsk y brn, mic		297-2
		5	Cont	:	Coal-ad, cem, prp		297-1
3432.00							283
	0.20	30	Sh/Clst	:	brn gy to m gy, calc, mic		283-1
		30	S/Sst	:	w to lt brn gy, calc, mic, cem, kln		283-4
		20	Ca	:	gy pi to lt brn gy, cly		283-2
		20	Sh/Clst	:	w, calc, mic, kln		283-3
3477.00							284
	0.19	30	Sh/Clst	:	brn gy to m gy, calc, mic		284-1
		30	Sh/Clst	:	w, calc, mic, kln		284-2
		20	S/Sst	:	w to lt brn gy, calc, mic, cem, kln		284-4
		15	Sh/Clst	:	m gy, hd		284-3
		5	Sh/Clst	:	m lt gy, calc		284-5
		tr	Other	:	fos		284-6

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
3504.00								298
		0.15	80	Sh/Clst:		w to gy red, calc, s, mic		298-1
			10	Sh/Clst:		drk y brn, dsk red, dsk y brn, mic		298-2
			10	Sh/Clst:		gy brn to drk gy		298-3
3531.00								285
		0.17	50	S/Sst	:	w to lt brn gy, calc, mic, cem, kln		285-3
			25	Sh/Clst:		w, calc, mic, kln		285-2
			20	Sh/Clst:		brn gy to m gy, calc, mic		285-1
			5	Ca	:	gy pi to lt brn gy, cly		285-4
3576.00								286
		0.12	70	S/Sst	:	lt brn gy, calc, mic, cem, kln		286-1
			20	Sh/Clst:		brn gy to m gy, calc, mic		286-3
			5	Sh/Clst:		w to lt brn gy, calc, mic, kln		286-2
			5	Sh/Clst:		lt gy, calc		286-4
3603.00								299
		0.13	70	Sh/Clst:		w to gy red, calc, s, mic		299-1
			20	Sh/Clst:		gn gy to m gy		299-3
			10	Sh/Clst:		drk y brn, dsk red, dsk y brn, mic		299-2
3630.00								287
			30	S/Sst	:	lt brn gy, calc, mic, cem, kln		287-1
		0.12	30	Sh/Clst:		brn gy to m gy, calc, mic		287-2
			20	Cont	:	cem, prp, fib		287-5
			10	Sh/Clst:		w to lt brn gy, calc, mic, kln		287-3
			10	Sh/Clst:		m gy to m lt gy, calc		287-4

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
3675.00								288
		0.72	50	S/Sst	:	lt brn gy, calc, mic, cem, kln		288-1
			20	Sh/Clst	:	w to lt brn gy, calc, mic, kln		288-2
			20	Sh/Clst	:	brn gy to m gy, calc, mic		288-3
			10	Sh/Clst	:	m gy to m lt gy, calc		288-4
			tr	Cont	:	prp		288-5
3702.00								300
		0.09	70	Sh/Clst	:	w to gy red, calc, s, mic		300-1
			20	Sh/Clst	:	drk y brn, dsk red, dsk y brn, mic		300-2
			10	Sh/Clst	:	gn gy to m gy		300-3
3729.00								289
			50	S/Sst	:	lt gy to lt brn gy, calc, mic, cem, kln		289-1
			20	Sh/Clst	:	w to lt brn gy, calc, mic, kln		289-2
			20	Sh/Clst	:	brn gy to m gy, calc, mic		289-3
		0.55	10	Sh/Clst	:	m gy to m lt gy, calc		289-4
3774.00								290
		0.17	50	S/Sst	:	lt gy to lt brn gy, calc, mic, cem, kln		290-1
			20	Sh/Clst	:	w to lt brn gy, calc, mic, kln		290-2
			20	Sh/Clst	:	brn gy to m gy, calc, mic		290-3
			10	Sh/Clst	:	m gy to m lt gy, calc		290-4
3801.00								301
		0.14	80	S/Sst	:	pi, w, gy red, cly, mic		301-1
			10	Sh/Clst	:	drk y brn, dsk red, dsk y brn, mic		301-2
			10	Sh/Clst	:	gn gy to m gy		301-3

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
3828.00								291
			50	S/Sst	:	lt gy to lt brn gy, calc, mic, cem, kln		291-1
			20	Sh/Clst	:	w to lt brn gy, calc, mic, kln		291-2
		0.08	20	Sh/Clst	:	brn gy to m gy, calc, mic		291-3
			10	Sh/Clst	:	m gy to m lt gy, calc		291-4
			tr	Cont	:	prp		291-5
3873.00								292
		0.15	65	S/Sst	:	lt gy, calc, mic, cem, kln		292-1
			15	Sh/Clst	:	w to lt brn gy, calc, mic, kln		292-2
			15	Sh/Clst	:	brn gy to m gy, calc, mic		292-3
			5	Sh/Clst	:	m gy to m lt gy, calc		292-4
3900.00								302
			70	S/Sst	:	pi, w, gy red, lt gy, cly, mic		302-1
		0.18	20	Sh/Clst	:	gn gy to drk gy, mic		302-3
			10	Sh/Clst	:	drk y brn, dsk red, dsk y brn, mic		302-2
3927.00								293
		0.22	60	S/Sst	:	lt gy, calc, mic, cem, kln		293-1
			20	Sh/Clst	:	w to lt gy, lt brn gy, calc, mic, kln		293-2
			20	Sh/Clst	:	brn gy to m gy, calc, mic		293-3
3972.00								294
			60	S/Sst	:	lt gy, calc, mic, cem, kln		294-1
			20	Sh/Clst	:	w to lt gy, lt brn gy, calc, mic, kln		294-2
		0.14	20	Sh/Clst	:	brn gy to m gy, calc, mic		294-3

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Table 2 : Lithology description for well NOCS 6507/6-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
3999.00								303
		0.13	30	Sh/Clst:		gy blk to lt gy, mic		303-1
			30	Sh/Clst:		w		303-4
			20	Sh/Clst:		drk y brn, dsk red, dsk y brn, mic		303-2
			20	S/Sst	:	lt gy, dol		303-3
4035.00								295
		0.14	50	S/Sst	:	lt gy, calc, mic, cem, kln		295-1
			30	Sh/Clst:		brn gy to m gy, calc, mic		295-3
			10	Sh/Clst:		w to lt gy, calc, mic, kln		295-2
			10	Cont	:	prp		295-4

Table 3 : Rock-Eval table for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
700.00	cut	Sltst : m gy to dsk y brn	0.03	1.33	0.55	2.42	1.93	69	28	1.4	0.02	426	008-2
1020.00	cut	S/Sst : brn, y, w, blk	-	0.13	0.57	0.23	0.51	25	112	0.1	-	460	040-1
1038.50	ccp	Coal : blk to brn blk	1.40	13.59	28.90	0.47	30.46	45	95	15.0	0.09	408	304-1
1046.00	ccp	Coal : brn blk	0.65	20.00	5.65	3.54	20.99	95	27	20.6	0.03	428	305-1
1047.10	ccp	Coal : brn blk	0.75	32.26	23.96	1.35	49.56	65	48	33.0	0.02	428	306-1
1047.30	ccp	Coal : brn blk	0.95	34.52	21.19	1.63	50.15	69	42	35.5	0.03	427	307-1
1053.50	ccp	Coal : brn blk	1.21	27.87	20.60	1.35	39.85	70	52	29.1	0.04	416	308-1
1056.00	cut	Sh/Clst: blk	0.63	33.00	25.36	1.30	50.08	66	51	33.6	0.02	425	044-4
1065.00	cut	Coal : blk	1.29	30.16	25.32	1.19	55.44	54	46	31.5	0.04	417	045-1
1065.00	cut	S/Sst : w	0.02	0.64	0.84	0.76	1.23	52	68	0.7	0.03	421	045-2
1083.00	cut	Coal : blk to brn blk	0.60	31.20	2.60	12.00	55.71	56	5	31.8	0.02	419	047-1
1092.00	cut	Coal : blk	0.53	30.53	23.57	1.30	50.13	61	47	31.1	0.02	424	048-1
1146.00	cut	Coal : blk	0.55	23.70	21.29	1.11	62.99	38	34	24.3	0.02	403	054-1
1155.00	cut	Coal : blk	0.56	26.79	21.88	1.22	61.17	44	36	27.4	0.02	406	055-1
1155.00	cut	S/Sst : w	0.02	0.22	0.27	0.81	0.56	39	48	0.2	0.08	407	055-2

Table 3 : Rock-Eval table for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1173.00	cut	Coal : blk	0.63	27.44	19.78	1.39	48.83	56	41	28.1	0.02	407	057-1
1245.00	cut	Coal : blk	0.54	28.54	19.63	1.45	66.77	43	29	29.1	0.02	422	065-1
1263.00	cut	Ca : drk y brn	0.01	0.55	4.75	0.12	0.96	57	495	0.6	0.02	452	067-3
1389.00	cut	Ca : m y brn to dsk y brn	14.72	2.35	13.44	0.17	3.80	62	354	17.1	0.86	328	081-3
1407.00	cut	Coal : blk	0.25	18.50	12.25	1.51	46.05	40	27	18.8	0.01	420	083-4
1612.00	cut	Sh/Clst: gy red, y gy, lt gy, pl gn, pl red	-	0.30	1.91	0.16	0.51	59	375	0.3	-	433	106-1
1763.00	cut	Sh/Clst: lt gy to m gy	-	0.36	1.15	0.31	0.57	63	202	0.4	-	438	123-1
1806.00	cut	Sh/Clst: lt gy to m gy	0.02	0.33	1.37	0.24	0.55	60	249	0.4	0.06	436	128-1
1977.00	cut	Sh/Clst: lt gy to m gy	0.22	16.03	1.46	10.98	2.65	605	55	16.3	0.01	446	147-2
1986.00	cut	Sh/Clst: lt gy to m gy	0.10	0.92	1.56	0.59	0.82	112	190	1.0	0.10	441	148-2
3135.00	cut	Ca : lt gy to dsk y brn	0.10	0.14	0.16	0.88	0.50	28	32	0.2	0.42	379	273-3
3675.00	cut	S/Sst : lt brn gy	0.65	0.84	4.71	0.18	0.72	117	654	1.5	0.44	358	288-1
3729.00	cut	Sh/Clst: m gy to m lt gy	1.60	0.66	0.74	0.89	0.55	120	135	2.3	0.71	444	289-4

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC(e) (%)	Sample
1038.50	ccp	Coal : blk to brn blk	8.4	49.6	0.2	0.6	34.2	14.6	0.8	48.8	42.27	304-1
1046.00	ccp	Coal : brn blk	9.4	42.9	1.8	0.6	14.6	25.9	2.4	40.5	15.07	305-1
1047.10	ccp	Coal : brn blk	9.3	55.5	3.7	0.3	26.8	24.7	4.0	51.5	38.82	306-1
1047.30	ccp	Coal : brn blk	9.4	53.2	1.1	0.5	25.6	26.0	1.6	51.6	40.49	307-1
1053.50	ccp	Coal : brn blk	9.7	68.1	6.5	0.8	32.1	28.7	7.3	60.8	42.17	308-1
1986.00	com	* Composite sample - see table 4 e *	1.4	22.9	0.6	0.1	9.3	12.9	0.7	22.2	3.40	309-0

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1038.50	ccp	Coal : blk to brn blk	5897	23	71	4066	1736	95	5802	304-1
1046.00	ccp	Coal : brn blk	4558	191	63	1551	2752	255	4303	305-1
1047.10	ccp	Coal : brn blk	5942	396	32	2869	2644	428	5513	306-1
1047.30	ccp	Coal : brn blk	5641	116	53	2714	2757	169	5471	307-1
1053.50	ccp	Coal : brn blk	6991	667	82	3295	2946	749	6242	308-1
1986.00	com	* Composite sample - see table 4 e *	16962	444	74	6888	9555	518	16444	309-0

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1038.50	ccp	Coal : blk to brn blk	13.95	0.06	0.17	9.62	4.11	0.23	13.73	304-1
1046.00	ccp	Coal : brn blk	30.25	1.27	0.42	10.30	18.26	1.69	28.56	305-1
1047.10	ccp	Coal : brn blk	15.31	1.02	0.08	7.39	6.81	1.10	14.20	306-1
1047.30	ccp	Coal : brn blk	13.93	0.29	0.13	6.70	6.81	0.42	13.51	307-1
1053.50	ccp	Coal : brn blk	16.58	1.58	0.19	7.82	6.99	1.78	14.80	308-1
1986.00	com	* Composite sample - see table 4 e *	498.91	13.07	2.18	202.61	281.05	15.25	483.66	309-0

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Typ	Lithology	Sat / EOM	Aro / EOM	Asph / EOM	NSO / EOM	HC / EOM	Non-HC / EOM	Sat / Aro	HC / Non-HC	Sample
1038.50	ccp	Coal : blk to brn blk	0.40	1.21	68.95	29.44	1.61	98.39	33.33	1.64	304-1
1046.00	ccp	Coal : brn blk	4.20	1.40	34.03	60.37	5.59	94.41	300.00	5.93	305-1
1047.10	ccp	Coal : brn blk	6.67	0.54	48.29	44.50	7.21	92.79	1233.33	7.77	306-1
1047.30	ccp	Coal : brn blk	2.07	0.94	48.12	48.87	3.01	96.99	220.00	3.10	307-1
1053.50	ccp	Coal : brn blk	9.54	1.17	47.14	42.14	10.72	89.28	812.50	12.01	308-1
1986.00	com	* Composite sample - see table 4 e *	2.62	0.44	40.61	56.33	3.06	96.94	600.00	3.15	309-0

Table 4 e: List of composite samples appearing in the extraction tables for well NOCS 6507/6-1

Depth unit of measure: m

NOTE: Depths shown in tables 4 a to d correspond to the composite samples' lower depth.

Upper depth	Lower depth	Typ	Sample		Depth	Typ	Lithology	Sample
1977.00	1986.00	com	309-0	is composed of:	1977.00	cut	Sh/Clst: lt gy to m gy, calc	147-2
					1986.00	cut	Sh/Clst: lt gy to m gy, calc	148-2

Table 5 : Tabulation of data from the saturated fraction chromatogram for well NOCS 6507/6-1

Depth unit of measure : m

Depth	Typ	Lithology	Pristane nC17	Pristane Phytane	Phytane nC18	CPI1	CPI2	Alkanes Total	Sample
1038.50	ccp	Coal : blk to brn blk	0.4	1.8	0.2	1.1	1.0	0.5	304-1
1046.00	ccp	Coal : brn blk	0.4	1.8	0.2	1.8	2.8	0.7	305-1
1047.10	ccp	Coal : brn blk	0.8	0.7	0.5	2.4	4.2	0.5	306-1
1047.30	ccp	Coal : brn blk	0.8	1.1	0.6	1.5	2.6	0.3	307-1
1053.50	ccp	Coal : brn blk	1.2	1.8	0.7	2.2	3.0	0.6	308-1
1986.00	com	bulk	0.6	0.5	1.0	1.2	1.6	0.6	309-0

$$CPI1 = \frac{1}{2} * \frac{C25 + C27 + C29 + C31}{C24 + C26 + C28 + C30} + \frac{C25 + C27 + C29 + C31}{C26 + C28 + C30 + C32}$$

$$CPI2 = \frac{2 * C27}{C26 + C28}$$

$$\frac{\text{Alkanes}}{\text{Total}} = \frac{\text{Sum of n-alkanes C15 to C35}}{\text{Total amount of alkanes C15 to C35}}$$

Table 6 : Aromatic Hydrocarbon Ratios for well NOCS 6507/6-1

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	DBT/P	4/1MDBT	(3+2)/1MDBT	Sample
1038.50	ccp	Coal : blk to brn blk	-	0.90	-	0.97	0.73	0.80	0.25	-	-	304-1
1047.30	ccp	Coal : brn blk	-	-	-	0.54	0.57	0.56	0.31	9.82	1.47	307-1
1986.00	com	bulk	-	-	-	0.79	1.13	0.45	-	0.75	0.54	309-0

Table 7 : Tabulation of carbon isotope data for well NOCS 6507/6-1

Depth unit of measure : m

Depth	Typ	Lithology	EOM	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
1038.50	ccp	Coal : blk to brn blk	-27.92	-	-28.10	-29.31	-27.87	-	304-1
1046.00	ccp	Coal : brn blk	-32.78	-	-30.49	-34.21	-31.49	-	305-1
1047.10	ccp	Coal : brn blk	-31.45	-	-30.50	-32.18	-30.81	-	306-1
1047.30	ccp	Coal : brn blk	-31.23	-	-30.12	-32.22	-30.48	-	307-1
1053.50	ccp	Coal : brn blk	-31.21	-	-30.26	-32.30	-30.55	-	308-1

Table 8 : Pyrolysis GC data (S2 peak) as percentage of total area for well NOCS 6507/6-1

Depth unit of measure : m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
1977.00	cut	Sh/Clst: lt gy to m gy	1.30	11.42	35.62	51.66	16.03	147-2
1986.00	cut	Sh/Clst: lt gy to m gy	1.58	12.93	34.96	50.53	0.92	148-2

Appendix 1.

Light hydrocarbon isotope data.

GEOLAB NOR
GEOCHEMICAL LABORATORIES OF NORWAY A.S

Stable Isotope Ratios of Head-Space-Gases and Well Gas:

	del 13 C1 ‰. PDB	del 13 C2 ‰. PDB
0630 m	-70.9	-28.0
0660 m	-70.5	-29.9
0690 m	-70.1	-30.5
0720 m	-69.8	-31.8
0750 m	-64.1	-28.7
0780 m	-66.5	-34.9
0810 m	-63.7	-33.2
0840 m	-62.9	-38.7
0870 m	-64.2	-29.0
0900 m	-64.2	-32.8
0930 m	-62.6	-33.8
0960 m	-56.1	-27.8
0990 m	-56.2	-29.8
1020 m	-54.9	-32.5
1047 m	-53.2	-
1083 m	-53.3	-36.9
1110 m	-53.4	-29.2
1137 m	-58.7	-31.0
1173 m	-57.7	-
1200 m	-57.2	-27.6
1227 m	-59.1	-28.1
1263 m	-60.9	-28.6
1290 m	-61.6	-32.0
1317 m	-61.8	-32.6
1353 m	-60.9	-33.1
1380 m	-61.1	
1398 m	-65.8	
1497 m	-47.2	
1603 m	-44.8	
1701 m	-40.7	
1797 m	-36.0	
1896 m	-31.6	
2004 m	-43.7	
2103 m	-33.9	
2202 m	-33.2	
2301 m	-27.1	
2400 m	-	
2499 m	-27.2	
2598 m	-26.9	
2697 m	-	
2796 m	-26.9	
2904 m	-27.0	
3000 m	-27.4	
3099 m	-28.1	
3198 m	-26.5	
3297 m	-27.7	

Results of the gassample of SAGA-Well:

del 13 C1 : -57.4 ‰. PDB
del 13 C2 : -39.7 ‰. PDB
del 13 C3 : -27 ‰. PDB
del 13 iC4 : too small
del 13 nC4 : too small

del D CH4 : -191 ‰. SMOW

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SUMMARY

The maturity of the well 6507/6-1 has been evaluated using vitrinite reflectance.

DISTRIBUTION

Saga (10)
Throndsen, T.

KEYWORDS

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REVIEWED BY			
APPROVED BY	Karen Garder	1986-11-04	Karen Garder

Table 1. Vitrinite reflectance data.

WELL: 6507/6-1

sample code IFE	sample depth mRKB	sample type	lithology	vitrinite reflectance Ro (N)	sample preparation
SA 231	635.0	swc	clst	0.26 (7)-	HF
SA 230	680.0	swc	clst	0.18 (20)	HF
SA 235	725.0	swc	clst	0.24 (17)	HF
SA 233	780.0	swc	clst	-	HF
SA 234	810.0	swc	clst	-	HF
SA 232	812.5	swc	clst	0.21 (11)	HF
SA 216	1022.0	swc	clst	-	HF
SA 219	1084.5	swc	clst	0.23 (50)+	HF
SA 214	1151.5	swc	coal	0.28 (50)+	HF
SA 217	1169.0	swc	clst	0.39 (25)-	HF
SA 218	1228.5	swc	clst	0.81 (12)--	HF
SA 222	1246.5	swc	clst	-	HF
SA 220	1302.5	swc	clst	0.28 (50)+	HF
SA 215	1371.5	swc	coal	0.27 (50)+	HF
SA 229	1500.0	swc	clst	-	HF
SA 223	1618.1	swc	clst	-	HF
SA 226	1752.0	swc	clst	-	HF
SA 224	1769.5	swc	clst	-	HF
SA 221	1923.0	swc	clst	-	HF
SA 227	2018.0	swc	clst	-	HF
SA 225	2075.0	swc	clst	-	HF
SA 228	2205.0	swc	clst	-	HF
SA 244	3235.0	swc	clst	-	HF
SA 242	3464.0	swc	clst	-	HF
SA 245	3613.0	swc	clst	-	HF
SA 240	3620.0	swc	clst	-	HF
SA 236	3720.0	swc	clst	-	HF
SA 237	3905.0	swc	clst	-	HF
SA 238	3950.0	swc	clst	-	HF
SA 243	4020.0	swc	clst	-	HF
SA 241	4025.0	swc	clst	-	HF
SA 239	4030.0	swc	clst	-	HF

LEGEND

Rm	: mean random reflectance in oil
N	: number of readings
+	: very good sample
-	: difficult sample
--	: not vitrinite, wrong value
HF	: preparation with hydrofluoric acid