

Well: 2/10-2

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
930213	PSPUD			25.0	18.0	6/38	10.2	.2/2.5	400	57000		17.0	SPUD MUD
930214	PSPUD			25.0	18.0	6/38	10.2	.2/2.5	400	57000		17.0	SPUD MUD
930215	PSPUD			25.0	18.0	6/38	10.2	.2/2.5	400	57000		17.0	SPUD MUD
930216	36"	160.0	1.03	9.0	27.0	16/28	11.0	.3/.6	840	30000		11.0	SPUD MUD
930217	36"	197.0	1.03			/	11.0	/				2.0	SPUD MUD
930218	36"	198.0	1.03			/		/				3.0	SPUD MUD
930219	9 7/8"	210.0	1.03			/	10.2	/				3.0	SPUD MUD
930220	9 7/8"	609.0	1.03			/	10.5	/				3.0	SPUD MUD
930221	9 7/8"	772.0	1.03			/	10.2	/				3.0	SPUD MUD
930222	9 7/8"	1165.0	1.05			/	10.3	/				3.0	SPUD MUD
930223	26"	1165.0	1.05			/	10.2	/				3.0	SPUD MUD
930224	26"	1165.0	1.05			/	10.4	/					SPUD MUD
930225	26"	1169.0	1.20			/	10.4	/					SPUD MUD
930226	26"	1169.0	1.30	16.0	10.0	3/4	9.4	/					SPUD MUD
930227	26"	1169.0	1.30	20.0	14.0	3/3	8.2	/					SPUD MUD
930228	26"	1169.0	1.30	20.0	14.0	3/4	8.5	/					SPUD MUD
930301	17 1/2"	1171.0	1.30	19.0	14.0	3/4	8.2	/.4	240	92000		11.2	KCL MUD
930302	17 1/2"	1506.0	1.70	34.0	16.0	4/5	7.9	/.8	560	85000		24.5	KCL MUD
930303	17 1/2"	1765.0	1.70	48.0	28.0	6/12	7.9	/.8	600	86500		25.0	KCL MUD
930304	17 1/2"	1887.0	1.70	44.0	24.0	5/20	7.7	/.8	680	92000		25.0	KCL MUD
930305	17 1/2"	2205.0	1.70	42.0	25.0	6/33	7.9	/.8	540	91000		25.5	KCL MUD
930306	17 1/2"	2425.0	1.70	44.0	25.0	8/42	7.9	/.8	540	97000		25.8	KCL MUD
930307	17 1/2"	2636.0	1.70	43.0	24.0	6/33	7.9	/.8	380	92000		26.0	KCL MUD
930308	17 1/2"	2714.0	1.70	41.0	23.0	7/43	7.8	/.8	440	90000		26.2	KCL MUD
930309	17 1/2"	2714.0	1.70	40.0	22.0	6/38	7.8	/.8	440	90000		26.2	KCL MUD
930310	17 1/2"	2714.0	1.75	39.0	18.0	6/28	7.8	/.8	460	91000		27.5	KCL MUD
930311	12 1/4"	2714.0	1.75	39.0	18.0	6/28	7.8	/.8	460	91000		27.5	KCL MUD

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
930312	12 1/4"	2714.0	1.70	32.0	13.0	5/18	8.1	.2/1.0	320	90000		25.5	KCL MUD
930313	12 1/4"	2738.0	1.70	41.0	18.0	8/40	8.3	/1.2	320	89000		25.5	KCL MUD
930314	12 1/4"	2846.0	1.73	40.0	28.0	9/48	8.2	/ .9	300	88000		26.0	KCL MUD
930315	12 1/4"	2897.0	1.73	43.0	26.0	7/40	8.1	/ .7	400	90000		26.5	KCL MUD
930316	12 1/4"	2991.0	1.73	39.0	26.0	7/36	7.9	/ .6	480	90000		26.5	KCL MUD
930317	12 1/4"	3072.0	1.73	39.0	25.0	6/33	8.0	/1.0	320	91000		26.0	KCL MUD
930318	12 1/4"	3089.0	1.73	40.0	23.0	5/16	8.0	/ .7	400	78000		26.0	KCL MUD
930319	12 1/4"	3123.0	1.73	35.0	15.0	5/12	7.8	/ .8	320	79000		26.0	KCL MUD
930320	12 1/4"	3132.0	1.73	40.0	19.0	6/14	7.8	/ .7	700	78000		26.0	KCL MUD
930321	12 1/4"	3179.0	1.73	39.0	23.0	5/18	7.8	/ .7	400	77000		26.0	KCL MUD
930322	12 1/4"	3321.0	1.73	26.0	20.0	6/22	8.0	/1.5	120	70000		26.0	KCL MUD
930323	12 1/4"	3380.0	1.73	36.0	17.0	4/12	8.2	/1.0	200	72000		26.0	KCL MUD
930324	12 1/4"	3426.0	1.73	32.0	15.0	5/10	8.0	.1/ .4	100	67000		26.0	KCL MUD
930325	12 1/4"	3435.0	1.73	32.0	17.0	4/10	8.1	/ .4	200	65000		26.0	KCL MUD
930326	12 1/4"	3441.0	1.73	33.0	17.0	4/15	7.7	/ .3	240	65000		26.0	KCL MUD
930327	12 1/4"	3454.0	1.73	34.0	16.0	5/17	7.9	/ .2	200	67000		26.0	KCL MUD
930328	12 1/4"	3494.0	1.73	36.0	17.0	4/19	7.7	/ .6	240	68000		26.0	KCL MUD
930329	12 1/4"	3535.0	1.73	35.0	19.0	5/19	7.9	/ .6	260	64000		26.0	KCL MUD
930330	12 1/4"	3608.0	1.73	39.0	23.0	6/28	7.9	/ .6	240	65500		26.0	KCL MUD
930331	12 1/4"	3681.0	1.73	36.0	19.0	5/25	7.8	/ .6	480	62000		26.0	KCL MUD
930401	12 1/4"	3681.0	1.73	38.0	20.0	8/28	7.8	/ .8	240	62500		26.0	KCL MUD
930402	12 1/4"	3681.0	1.73	38.0	20.0	8/28	7.8	/ .8	240	62500		26.0	KCL MUD
930403	12 1/4"	3681.0	1.73	36.0	14.0	6/16	8.0	/1.1	380	60000		26.0	KCL MUD
930404	12 1/4"	3681.0	1.73	36.0	14.0	6/16	8.0	/1.1	340	60000		26.0	KCL MUD
930405	12 1/4"	3681.0	1.70	18.0	8.0	3/7	7.8	.1/ .8	200	750		23.5	HI TEMP POLYMER
930406	8 3/8"	3681.0	1.70	16.0	8.0	3/5	9.7	.1/ .8	520	6000		23.5	HI TEMP POLYMER
930407	8 3/8"	3847.0	1.75	16.0	11.0	4/8	10.0	.1/ .8	520	6300		26.0	HI TEMP POLYMER

Saga Petroleum a.s.

6.2.1

MUD PROPERTIES, DAILY REPORT

Well: 2/10-2

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
930408	8 3/8"	3847.0	1.80	15.0	7.0	3/7	10.2	.1/.9	480	6200		27.0	HI TEMP POLYMER
930409	8 3/8"	3879.0	1.95	23.0	11.0	4/17	9.6	.1/1.2	340	5500		31.8	HI TEMP POLYMER
930410	8 3/8"	4013.0	1.95	23.0	11.0	5/26	9.7	.1/1.1	520	5000		32.0	HI TEMP POLYMER
930411	8 3/8"	4061.0	1.95	20.0	8.0	2/24	9.5	.1/.9	640	5400		32.0	HI TEMP POLYMER
930412	8 3/8"	4137.0	1.95	19.0	10.0	4/24	9.8	.1/1.0	480	4100		32.0	HI TEMP POLYMER
930413	8 3/8"	4154.0	1.95	21.0	10.0	7/32	10.6	.2/1.3	700	4500		32.0	HI TEMP POLYMER
930414	8 3/8"	4164.0	1.95	19.0	13.0	6/37	10.8	.2/1.0	600	4400		32.0	HI TEMP POLYMER
930415	8 3/8"	4164.0	1.97	18.0	7.0	8/29	10.8	.3/1.1	600	5200		32.5	HI TEMP POLYMER
930416	8 3/8"	4164.0	1.97	19.0	5.0	5/26	11.4	.2/1.3	560	5200		32.5	HI TEMP POLYMER
930417	8 3/8"	4164.0	1.97	21.0	7.0	3/20	10.1	.2/1.3	560	4300		32.5	HI TEMP POLYMER
930418	8 3/8"	4164.0	1.97	19.0	4.0	4/18	11.0	.2/1.0	530	4800		32.5	HI TEMP POLYMER
930419	8 3/8"	4164.0	1.97	19.0	4.0	4/21	10.9	.2/1.0	530	4400		32.5	HI TEMP POLYMER
930420	8 3/8"	4164.0	1.97	20.0	4.0	4/24	10.9	.2/.9	530	4500		32.5	HI TEMP POLYMER
930421	8 3/8"	4164.0	1.97	20.0	4.0	5/26	10.8	.2/.8	530	4500		32.5	HI TEMP POLYMER
930422	P&A	4164.0	1.97	19.0	7.0	6/29	10.8	.2/1.1	560	4800		32.5	HI TEMP POLYMER
930423	P&A	4164.0	1.97	20.0	6.0	5/27	11.4	.2/.9	560	4600		32.5	HI TEMP POLYMER
930424	P&A					/		/					HI TEMP POLYMER
930425	P&A					/		/					HI TEMP POLYMER

Final Well Report 2/10-2



Material	Unit	36" hole	26" hole	17 1/2" hole	12 1/4" hole	8 3/8" hole	Total
Barite	MT	32	177	840	505	657	2211
Bentonite	MT	27	61			7	95
Caustic Soda	25 kg	5	19		3	77	104
Soda Ash	25 kg	4	11	48	30	76	169
XC-Polymer	25 kg	5		1		27	33
Pot. Bicarb.	25 kg	14		13			27
Citric Acid	25 kg	6		9	8		23
KCl	25 kg			159			159
KCl Brine	m3			736	258		994
Prempac EX	25 kg			688	176		864
Prempac LV	25 kg			83	329		412
Walnut F	25 kg			10			10
M.I.B.S.	200 l			2	1		3
BP-DCP 208	m3			29	10		39
Xanvis	25 kg			7			7
Poly Plus	25 kg						0
Defoamer	200 l				5	16	21
Bacban III	5 kg				5		5
Conqor 404	55 gal				1		1
OS-1L	55 gal				1		1
Zinc Carb.	50 kg				7		7
Soda Bicarb.	25 kg				51		51
Resinex	23 kg					412	412
Polydrill	25 kg					250	250
Spercene CF	23 kg					357	357
Lime	20 kg					52	52

Table 6.2.2 Mud Materials Used

Geochemical Analyses of Well

NOCS 2/10-2

BA-93-2458-1

Author: Sunil Bharati

Geolab Nor A/S
Hornebergveien 5
7038 Trondheim
Norway

Date : 28.09.93

1.2 Analytical Program

The analytical programme for the well NOCS 2/10-2 was specified by Saga Petroleum in stages. Towards the end of the project, 5 extra saturated and aromatic hydrocarbon fractions were received for GC-MS analysis, the results of which are included in this report, as per Saga's request. The details of the analytical program are shown below:

<u>Analysis type</u>	<u>No of samples</u>	<u>Figures</u>	<u>Tables</u>
Headspace/Occluded gas	95		
Gas Isotope	4		
Leco TOC	49		
Rock-Eval Pyrolysis	49		
Iatroscan	58		
Visual kerogen	19		
Extraction and Deasphalting	11		
MPLC separation	11		
Saturated hydrocarbon GC	11		
Aromatic hydrocarbon GC	11		
GC-MS of saturated and aromatic HC	14		
Carbon isotope of EOM/fractions	14		

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Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m

* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3190.00	44	7	16	8	17	6	92	48	52.2	0.47
3200.00	42	8	16	4	12	4	82	40	48.8	0.33
3210.00	19	3	11	6	16	20	55	36	65.5	0.38
3220.00	30	4	7	1	5	10	47	17	36.2	0.20
3230.00	32	4	6	1	4	10	47	15	31.9	0.25
3240.00	30	4	7	2	5	13	48	18	37.5	0.40
3250.00	51	7	9	1	4	12	72	21	29.2	0.25
3260.00	27	4	6	1	2	6	40	13	32.5	0.50
3270.00	28	4	7	1	3	6	43	15	34.9	0.33
3280.00	85	11	10	1	3	6	110	25	22.7	0.33
3290.00	28	4	4	-	1	2	37	9	24.3	-
3300.00	40	5	5	1	1	3	52	12	23.1	1.00
3310.00	20	2	2	-	-	-	24	4	16.7	-
3320.00	29	3	3	-	-	1	35	6	17.1	-
3330.00	36	4	3	-	1	-	44	8	18.2	-
3340.00	31	5	5	-	1	1	42	11	26.2	-
3350.00	30	5	4	-	1	-	40	10	25.0	-
3360.00	60	9	5	1	1	3	76	16	21.1	1.00
3370.00	40	5	6	1	2	3	54	14	25.9	0.50
3380.00	31	4	5	1	1	2	42	11	26.2	1.00
3390.00	27	4	5	1	2	2	39	12	30.8	0.50
3400.00	42	8	12	4	5	8	71	29	40.9	0.80
3410.00	38	8	15	5	6	9	72	34	47.2	0.83

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Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m * Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3420.00	48	4	3	-	1	3	56	8	14.3	-
3430.00	34	5	6	1	2	5	48	14	29.2	0.50
3440.00	18	3	3	2	3	18	29	11	37.9	0.67
3450.00	26	4	3	1	1	2	35	9	25.7	1.00
3460.00	17	2	1	-	-	1	20	3	15.0	-
3470.00	20	2	2	-	-	-	24	4	16.7	-
3480.00	19	3	1	-	-	1	23	4	17.4	-
3490.00	23	4	2	-	1	1	30	7	23.3	-
3500.00	17	3	1	-	-	1	21	4	19.1	-
3510.00	31	6	3	-	1	1	41	10	24.4	-
3520.00	44	6	7	3	6	13	66	22	33.3	0.50
3530.00	22	4	2	-	1	2	29	7	24.1	-
3540.00	32	5	3	1	1	2	42	10	23.8	1.00
3550.00	10	1	1	-	1	1	13	3	23.1	-
3560.00	846	193	100	26	62	59	1227	381	31.1	0.42
3570.00	81	18	13	4	11	15	127	46	36.2	0.36
3580.00	34	6	4	1	2	3	47	13	27.7	0.50
3590.00	87	12	8	2	5	9	114	27	23.7	0.40
3600.00	27	4	3	1	1	2	36	9	25.0	1.00
3610.00	51	5	3	-	1	-	60	9	15.0	-
3620.00	25	3	2	-	-	-	30	5	16.7	-
3630.00	23	2	2	-	-	-	27	4	14.8	-
3640.00	37	4	2	1	1	-	45	8	17.8	1.00

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

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m

* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3650.00	42	4	2	-	1	-	49	7	14.3	-
3660.00	54	5	3	1	1	1	64	10	15.6	1.00
3670.00	43	4	3	-	-	-	50	7	14.0	-
3680.00	87	8	5	1	1	3	102	15	14.7	1.00
3689.00	69	5	1	-	-	-	75	6	8.0	-
3698.00	86	8	2	-	1	6	97	11	11.3	-
3707.00	516	42	8	-	2	-	568	52	9.2	-
3716.00	4204	63	73	39	15	30	4394	190	4.3	2.60
3760.00	681	272	125	55	122	485	1255	574	45.7	0.45
3769.00	480	148	47	11	36	220	722	242	33.5	0.31
3778.00	407	132	28	5	13	77	585	178	30.4	0.38
3787.00	259	122	20	4	7	25	412	153	37.1	0.57
3797.00	189	79	12	2	4	15	286	97	33.9	0.50
3806.00	424	202	47	5	17	74	695	271	39.0	0.29
3827.00	519	405	253	49	163	459	1389	870	62.6	0.30
3836.00	773	490	324	64	201	553	1852	1079	58.3	0.32
3845.00	84	95	18	2	10	40	209	125	59.8	0.20
3854.00	931	366	28	4	10	80	1339	408	30.5	0.40
3863.00	564	300	175	51	176	432	1266	702	55.5	0.29
3872.00	752	366	409	150	560	1686	2237	1485	66.4	0.27
3881.00	2436	4797	4608	839	2668	3637	15348	12912	84.1	0.31
3890.00	8074	17744	17120	2323	7477	5801	52738	44664	84.7	0.31
3899.00	4002	11223	13328	1875	5684	3652	36112	32110	88.9	0.33

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Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m

* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3908.00	1263	2344	5153	1075	3794	4363	13629	12366	90.7	0.28
3917.00	1022	661	878	293	1109	2899	3963	2941	74.2	0.26
3926.00	122	111	75	26	61	187	395	273	69.1	0.43
3935.00	679	327	106	27	75	222	1214	535	44.1	0.36
3944.00	702	207	197	66	238	923	1410	708	50.2	0.28
3953.00	489	149	148	51	185	568	1022	533	52.2	0.28
3971.00	555	125	86	19	65	168	850	295	34.7	0.29
3980.00	394	153	59	10	33	198	649	255	39.3	0.30
3989.00	1533	1535	1132	146	449	241	4795	3262	68.0	0.33
3998.00	1557	880	507	67	208	190	3219	1662	51.6	0.32
4007.00	-	-	-	-	-	-	-	-	-	-
4016.00	397	202	105	20	53	63	777	380	48.9	0.38
4025.00	583	347	155	28	83	397	1196	613	51.3	0.34
4034.00	991	498	219	33	96	126	1837	846	46.1	0.34
4043.00	447	264	109	37	106	348	963	516	53.6	0.35
4052.00	513	213	90	23	52	82	891	378	42.4	0.44
4061.00	402	155	42	8	21	69	628	226	36.0	0.38
4070.00	444	682	526	83	237	237	1972	1528	77.5	0.35
4079.00	177	81	34	6	21	51	319	142	44.5	0.29
4088.00	193	207	126	22	63	138	611	418	68.4	0.35
4097.00	30	28	24	5	27	117	114	84	73.7	0.19
4106.00	46	28	24	5	23	63	126	80	63.5	0.22
4115.00	97	57	25	4	14	34	197	100	50.8	0.29

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Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m * Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
4124.00	195	171	79	14	43	113	502	307	61.2	0.33
4142.00	335	238	68	12	25	42	678	343	50.6	0.48
4151.00	567	422	271	48	112	108	1420	853	60.1	0.43

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Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μl gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3190.00	89	18	9	2	4	31	122	33	27.1	0.50
3200.00	101	21	11	2	6	35	141	40	28.4	0.33
3210.00	34	6	4	1	2	15	47	13	27.7	0.50
3220.00	47	8	5	1	2	21	63	16	25.4	0.50
3230.00	35	6	4	1	2	18	48	13	27.1	0.50
3240.00	27	5	3	1	1	13	37	10	27.0	1.00
3250.00	18	3	2	1	1	9	25	7	28.0	1.00
3260.00	21	4	2	1	1	11	29	8	27.6	1.00
3270.00	21	4	2	1	1	10	29	8	27.6	1.00
3280.00	19	3	2	1	1	9	26	7	26.9	1.00
3290.00	31	6	3	1	2	17	43	12	27.9	0.50
3300.00	38	7	4	2	2	19	53	15	28.3	1.00
3310.00	26	4	2	1	1	6	34	8	23.5	1.00
3320.00	33	6	3	1	1	7	44	11	25.0	1.00
3330.00	32	6	3	1	1	7	43	11	25.6	1.00
3340.00	60	11	5	2	2	12	80	20	25.0	1.00
3350.00	59	10	5	1	2	12	77	18	23.4	0.50
3360.00	31	5	3	1	1	7	41	10	24.4	1.00
3370.00	66	12	6	2	3	16	89	23	25.8	0.67
3380.00	57	10	5	1	2	15	75	18	24.0	0.50
3390.00	56	10	5	1	2	13	74	18	24.3	0.50
3400.00	46	9	5	1	2	15	63	17	27.0	0.50
3410.00	52	9	5	2	3	14	71	19	26.8	0.67

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Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3420.00	64	10	4	2	2	7	82	18	22.0	1.00
3430.00	50	8	4	1	2	9	65	15	23.1	0.50
3440.00	53	9	4	2	2	12	70	17	24.3	1.00
3450.00	61	10	5	2	2	11	80	19	23.8	1.00
3460.00	63	11	5	2	2	11	83	20	24.1	1.00
3470.00	82	15	7	2	3	15	109	27	24.8	0.67
3480.00	74	13	6	2	3	14	98	24	24.5	0.67
3490.00	90	17	8	2	3	18	120	30	25.0	0.67
3500.00	79	13	6	1	3	14	102	23	22.6	0.33
3510.00	47	8	4	1	2	8	62	15	24.2	0.50
3520.00	47	7	4	1	1	4	60	13	21.7	1.00
3530.00	50	8	4	1	1	9	64	14	21.9	1.00
3540.00	43	6	3	1	1	3	54	11	20.4	1.00
3550.00	65	11	5	1	2	14	84	19	22.6	0.50
3560.00	43	10	16	9	31	80	109	66	60.6	0.29
3570.00	54	10	6	2	7	46	79	25	31.7	0.29
3580.00	30	7	4	2	2	14	45	15	33.3	1.00
3590.00	52	9	5	2	3	22	71	19	26.8	0.67
3600.00	39	7	3	1	2	11	52	13	25.0	0.50
3610.00	47	9	4	1	2	11	63	16	25.4	0.50
3620.00	46	8	4	1	2	13	61	15	24.6	0.50
3630.00	51	10	5	2	2	15	70	19	27.1	1.00
3640.00	67	14	7	3	3	17	94	27	28.7	1.00

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Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μl gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
3650.00	74	15	7	2	3	20	101	27	26.7	0.67
3660.00	80	16	8	2	4	19	110	30	27.3	0.50
3670.00	50	10	5	2	2	12	69	19	27.5	1.00
3680.00	57	10	5	2	2	14	76	19	25.0	1.00
3689.00	28	4	2	1	1	7	36	8	22.2	1.00
3698.00	43	7	3	1	1	9	55	12	21.8	1.00
3707.00	49	7	3	1	2	8	62	13	21.0	0.50
3716.00	26	3	5	7	4	62	45	19	42.2	1.75
3760.00	45	10	10	3	22	324	90	45	50.0	0.14
3769.00	37	7	5	1	5	139	55	18	32.7	0.20
3778.00	31	5	4	1	4	47	45	14	31.1	0.25
3787.00	63	15	9	2	8	65	97	34	35.1	0.25
3797.00	52	14	8	2	9	96	85	33	38.8	0.22
3806.00	38	7	6	1	5	45	57	19	33.3	0.20
3827.00	61	32	60	17	113	930	283	222	78.5	0.15
3836.00	36	16	32	6	57	523	147	111	75.5	0.11
3845.00	54	23	13	2	24	217	116	62	53.5	0.08
3854.00	37	38	12	3	11	111	101	64	63.4	0.27
3863.00	47	19	26	9	62	698	163	116	71.2	0.15
3872.00	57	13	18	10	64	1410	162	105	64.8	0.16
3881.00	94	396	2912	1264	5026	10394	9692	9598	99.0	0.25
3890.00	153	1530	9602	3402	11424	11705	26111	25958	99.4	0.30
3899.00	174	1586	7945	2978	9702	9832	22385	22211	99.2	0.31

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Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3908.00	130	150	2098	1462	5815	16162	9655	9525	98.7	0.25
3917.00	114	50	164	87	524	6297	939	825	87.9	0.17
3926.00	50	18	27	10	62	705	167	117	70.1	0.16
3935.00	38	14	12	4	22	409	90	52	57.8	0.18
3944.00	73	10	7	5	15	543	110	37	33.6	0.33
3953.00	52	9	7	2	14	447	84	32	38.1	0.14
3971.00	65	10	6	1	6	239	88	23	26.1	0.17
3980.00	88	15	10	3	14	290	130	42	32.3	0.21
3989.00	99	46	130	59	263	1664	597	498	83.4	0.22
3998.00	107	24	29	6	41	499	207	100	48.3	0.15
4007.00	104	19	13	4	13	276	153	49	32.0	0.31
4016.00	115	20	14	6	27	441	182	67	36.8	0.22
4025.00	53	12	14	4	21	174	104	51	49.0	0.19
4034.00	70	12	12	3	15	132	112	42	37.5	0.20
4043.00	64	12	10	4	20	648	110	46	41.8	0.20
4052.00	59	14	13	3	18	277	107	48	44.9	0.17
4061.00	75	14	9	2	10	275	110	35	31.8	0.20
4070.00	107	48	95	26	131	964	407	300	73.7	0.20
4079.00	96	17	13	3	17	483	146	50	34.3	0.18
4088.00	98	25	32	9	44	416	208	110	52.9	0.20
4097.00	65	10	10	4	24	138	113	48	42.5	0.17
4106.00	51	14	84	21	172	284	342	291	85.1	0.12
4115.00	117	21	17	5	26	399	186	69	37.1	0.19

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Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum	sum	%wet	iC4
							C1-C4	C2-C4		ness
4124.00	150	30	24	5	26	349	235	85	36.2	0.19
4142.00	60	29	25	5	31	187	150	90	60.0	0.16
4151.00	89	28	44	9	52	273	222	133	59.9	0.17

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Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μl gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3190.00	133	25	25	10	21	37	214	81	37.9	0.48
3200.00	143	29	27	6	18	39	223	80	35.9	0.33
3210.00	53	9	15	7	18	35	102	49	48.0	0.39
3220.00	77	12	12	2	7	31	110	33	30.0	0.29
3230.00	67	10	10	2	6	28	95	28	29.5	0.33
3240.00	57	9	10	3	6	26	85	28	32.9	0.50
3250.00	69	10	11	2	5	21	97	28	28.9	0.40
3260.00	48	8	8	2	3	17	69	21	30.4	0.67
3270.00	49	8	9	2	4	16	72	23	31.9	0.50
3280.00	104	14	12	2	4	15	136	32	23.5	0.50
3290.00	59	10	7	1	3	19	80	21	26.3	0.33
3300.00	78	12	9	3	3	22	105	27	25.7	1.00
3310.00	46	6	4	1	1	6	58	12	20.7	1.00
3320.00	62	9	6	1	1	8	79	17	21.5	1.00
3330.00	68	10	6	1	2	7	87	19	21.8	0.50
3340.00	91	16	10	2	3	13	122	31	25.4	0.67
3350.00	89	15	9	1	3	12	117	28	23.9	0.33
3360.00	91	14	8	2	2	10	117	26	22.2	1.00
3370.00	106	17	12	3	5	19	143	37	25.9	0.60
3380.00	88	14	10	2	3	17	117	29	24.8	0.67
3390.00	83	14	10	2	4	15	113	30	26.6	0.50
3400.00	88	17	17	5	7	23	134	46	34.3	0.71

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Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3410.00	90	17	20	7	9	23	143	53	37.1	0.78
3420.00	112	14	7	2	3	10	138	26	18.8	0.67
3430.00	84	13	10	2	4	14	113	29	25.7	0.50
3440.00	71	12	7	4	5	30	99	28	28.3	0.80
3450.00	87	14	8	3	3	13	115	28	24.4	1.00
3460.00	80	13	6	2	2	12	103	23	22.3	1.00
3470.00	102	17	9	2	3	15	133	31	23.3	0.67
3480.00	93	16	7	2	3	15	121	28	23.1	0.67
3490.00	113	21	10	2	4	19	150	37	24.7	0.50
3500.00	96	16	7	1	3	15	123	27	22.0	0.33
3510.00	78	14	7	1	3	9	103	25	24.3	0.33
3520.00	91	13	11	4	7	17	126	35	27.8	0.57
3530.00	72	12	6	1	2	11	93	21	22.6	0.50
3540.00	75	11	6	2	2	5	96	21	21.9	1.00
3550.00	75	12	6	1	3	15	97	22	22.7	0.33
3560.00	889	203	116	35	93	139	1336	447	33.5	0.38
3570.00	135	28	19	6	18	61	206	71	34.5	0.33
3580.00	64	13	8	3	4	17	92	28	30.4	0.75
3590.00	139	21	13	4	8	31	185	46	24.9	0.50
3600.00	66	11	6	2	3	13	88	22	25.0	0.67
3610.00	98	14	7	1	3	11	123	25	20.3	0.33
3620.00	71	11	6	1	2	13	91	20	22.0	0.50

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Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3881.00	2530	5193	7520	2103	7694	14031	25040	22510	89.9	0.27
3890.00	8227	19274	26722	5725	18901	17506	78849	70622	89.6	0.30
3899.00	4176	12809	21273	4853	15386	13484	58497	54321	92.9	0.32
3908.00	1393	2494	7251	2537	9609	20525	23284	21891	94.0	0.26
3917.00	1136	711	1042	380	1633	9196	4902	3766	76.8	0.23
3926.00	172	129	102	36	123	892	562	390	69.4	0.29
3935.00	717	341	118	31	97	631	1304	587	45.0	0.32
3944.00	775	217	204	71	253	1466	1520	745	49.0	0.28
3953.00	541	158	155	53	199	1015	1106	565	51.1	0.27
3971.00	620	135	92	20	71	407	938	318	33.9	0.28
3980.00	482	168	69	13	47	488	779	297	38.1	0.28
3989.00	1632	1581	1262	205	712	1905	5392	3760	69.7	0.29
3998.00	1664	904	536	73	249	689	3426	1762	51.4	0.29
4007.00	104	19	13	4	13	276	153	49	32.0	0.31
4016.00	512	222	119	26	80	504	959	447	46.6	0.32
4025.00	636	359	169	32	104	571	1300	664	51.1	0.31
4034.00	1061	510	231	36	111	258	1949	888	45.6	0.32
4043.00	511	276	119	41	126	996	1073	562	52.4	0.33
4052.00	572	227	103	26	70	359	998	426	42.7	0.37
4061.00	477	169	51	10	31	344	738	261	35.4	0.32
4070.00	551	730	621	109	368	1201	2379	1828	76.8	0.30
4079.00	273	98	47	9	38	534	465	192	41.3	0.24

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Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μl gas/kg rock)

Project: 2/10-2

Well: NOCS 2/10-2

Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
4088.00	291	232	158	31	107	554	819	528	64.5	0.29
4097.00	95	38	34	9	51	255	227	132	58.2	0.18
4106.00	97	42	108	26	195	347	468	371	79.3	0.13
4115.00	214	78	42	9	40	433	383	169	44.1	0.22
4124.00	345	201	103	19	69	462	737	392	53.2	0.28
4142.00	395	267	93	17	56	229	828	433	52.3	0.30
4151.00	656	450	315	57	164	381	1642	986	60.1	0.35

Table 2 : Rock-Eval table for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2910.00	cut	bulk	1.15	1.97	1.41	1.40	1.36	145	104	3.1	0.37	421	0003-0B
2920.00	cut	bulk	0.84	2.96	1.28	2.31	1.05	282	122	3.8	0.22	425	0004-0B
2930.00	cut	bulk	1.10	4.12	1.20	3.43	1.73	238	69	5.2	0.21	425	0005-0B
2940.00	cut	bulk	0.93	4.58	0.98	4.67	1.28	358	77	5.5	0.17	426	0006-0B
2950.00	cut	bulk	0.90	4.32	1.25	3.46	1.19	363	105	5.2	0.17	427	0007-0B
2960.00	cut	bulk	0.48	1.70	1.99	0.85	0.58	293	343	2.2	0.22	362	0008-0B
2970.00	cut	bulk	0.30	0.77	1.47	0.52	0.47	164	313	1.1	0.28	357	0009-0B
2980.00	cut	bulk	0.69	1.80	1.64	1.10	0.50	360	328	2.5	0.28	359	0010-0B
2990.00	cut	bulk	0.84	2.15	2.08	1.03	0.46	467	452	3.0	0.28	358	0011-0B
3010.00	cut	bulk	0.74	2.11	1.85	1.14	0.49	431	378	2.8	0.26	361	0012-0B
3851.00	cut	bulk	0.06	0.10	0.30	0.33	0.62	16	48	0.2	0.38	438	0035-0B
3857.00	cut	bulk	0.05	0.10	0.31	0.32	0.36	28	86	0.2	0.33	332	0037-0B
3863.00	cut	bulk	0.05	0.07	0.25	0.28	0.27	26	93	0.1	0.42	325	0038-0B
3869.00	cut	bulk	0.06	0.13	0.41	0.32	0.32	41	128	0.2	0.32	378	0040-0B
3875.00	cut	bulk	0.15	0.14	0.61	0.23	0.28	50	218	0.3	0.52	373	0042-0B

Table 2 : Rock-Eval table for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3878.00	cut	bulk	0.30	0.68	0.69	0.99	0.67	101	103	1.0	0.31	407	0043-0B
3881.00	cut	bulk	3.45	16.52	0.59	28.00	5.32	311	11	20.0	0.17	442	0044-0B
3884.00	cut	bulk	5.95	19.03	0.51	37.31	5.88	324	9	25.0	0.24	442	0045-0B
3887.00	cut	bulk	7.33	21.07	0.43	49.00	6.04	349	7	28.4	0.26	442	0046-0B
3890.00	cut	bulk	6.77	19.35	0.54	35.83	6.40	302	8	26.1	0.26	438	0047-0B
3893.00	cut	bulk	10.94	21.89	0.51	42.92	8.10	270	6	32.8	0.33	440	0048-0B
3896.00	cut	bulk	8.33	21.83	0.52	41.98	7.18	304	7	30.2	0.28	442	0049-0B
3899.00	cut	bulk	7.35	21.46	0.57	37.65	7.34	292	8	28.8	0.26	441	0050-0B
3902.00	cut	bulk	5.13	9.55	0.62	15.40	4.05	236	15	14.7	0.35	441	0051-0B
3905.00	cut	bulk	5.23	9.18	0.55	16.69	3.88	237	14	14.4	0.36	442	0052-0B
3908.00	cut	bulk	1.44	3.02	0.64	4.72	1.78	170	36	4.5	0.32	437	0053-0B
3911.00	cut	bulk	0.73	2.10	0.73	2.88	1.43	147	51	2.8	0.26	437	0054-0B
3926.00	cut	bulk	0.04	0.06	0.46	0.13	0.38	16	121	0.1	0.40	441	0055-0B
3929.00	cut	bulk	0.03	0.09	0.42	0.21	0.30	30	140	0.1	0.25	390	0095-0B
3935.00	cut	bulk	0.01	0.05	0.48	0.10	0.22	23	218	0.1	0.17	328	0056-0B

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3938.00	cut	bulk	0.03	0.06	0.46	0.13	0.27	22	170	0.1	0.33	340	0057-0B
3950.00	cut	bulk	0.06	0.11	0.41	0.27	0.31	35	132	0.2	0.35	373	0058-0B
3953.00	cut	bulk	0.03	0.05	0.41	0.12	0.24	21	171	0.1	0.38	384	0059-0B
3977.00	cut	bulk	0.02	0.06	0.41	0.15	0.30	20	137	0.1	0.25	301	0060-0B
3980.00	cut	bulk	0.01	0.03	0.40	0.07	0.27	11	148	-	0.25	287	0061-0B
4001.00	cut	bulk	0.01	0.03	0.54	0.06	0.24	13	225	-	0.25	269	0062-0B
4004.00	cut	bulk	-	0.05	0.62	0.08	0.25	20	248	0.1	-	301	0063-0B
4016.00	cut	bulk	0.03	0.10	0.41	0.24	0.29	34	141	0.1	0.23	349	0065-0B
4019.00	cut	bulk	-	0.05	0.53	0.09	0.23	22	230	0.1	-	321	0066-0B
4121.00	cut	bulk	0.01	0.02	0.26	0.08	0.19	11	137	-	0.33	285	0068-0B
4124.00	cut	bulk	0.01	0.04	0.34	0.12	0.26	15	131	0.1	0.20	370	0098-0B
4127.00	cut	bulk	0.02	0.05	0.30	0.17	0.27	19	111	0.1	0.29	335	0099-0B
4130.00	cut	bulk	0.03	0.09	0.46	0.20	0.40	23	115	0.1	0.25	344	0100-0B
4133.00	cut	bulk	0.02	0.13	0.37	0.35	0.39	33	95	0.1	0.13	442	0101-0B
4136.00	cut	bulk	0.02	0.10	0.42	0.24	0.43	23	98	0.1	0.17	425	0102-0B

Table 2 : Rock-Eval table for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
4139.00	cut	bulk	0.03	0.11	0.44	0.25	0.43	26	102	0.1	0.21	429	0103-0B
4142.00	cut	bulk	0.03	0.08	0.40	0.20	0.48	17	83	0.1	0.27	351	0104-0B
4145.00	cut	bulk	0.03	0.10	0.40	0.25	0.41	24	98	0.1	0.23	426	0105-0B
4148.00	cut	bulk	0.01	0.07	0.15	0.47	0.28	25	54	0.1	0.13	381	0069-0B

Table 3a: Results of TLC-FID analysis: Absolute yields in mg/g rock for well NOCS 2/10-2

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Tot EOM</u>	<u>Sample</u>
3085.00	ccp B		BULK FRACTION	0.100	0.000	0.000	0.000	0.100	0.000	0.100	0070-0B
3086.00	ccp B		BULK FRACTION	0.351	0.000	0.316	0.005	0.351	0.321	0.672	0071-0B
3089.00	ccp B		BULK FRACTION	0.347	0.092	0.210	0.009	0.439	0.219	0.658	0072-0B
3090.00	ccp B		BULK FRACTION	0.056	0.000	0.136	0.003	0.056	0.139	0.195	0073-0B
3091.00	ccp B		BULK FRACTION	0.000	0.000	0.113	0.006	0.000	0.119	0.119	0074-0B
3092.00	ccp B		BULK FRACTION	0.047	0.000	0.083	0.000	0.047	0.083	0.130	0075-0B
3093.00	ccp B		BULK FRACTION	0.000	0.000	0.023	0.012	0.000	0.035	0.035	0076-0B
3094.00	ccp B		BULK FRACTION	0.058	0.000	0.081	0.070	0.058	0.151	0.209	0077-0B
3095.00	ccp B		BULK FRACTION	0.077	0.000	0.111	0.000	0.077	0.111	0.188	0078-0B
3096.00	ccp B		BULK FRACTION	0.000	0.000	0.155	0.000	0.000	0.155	0.155	0079-0B
3097.00	ccp B		BULK FRACTION	0.000	0.000	0.104	0.000	0.000	0.104	0.104	0080-0B
3098.00	ccp B		BULK FRACTION	0.000	0.000	0.112	0.004	0.000	0.116	0.116	0081-0B
3800.00	cut B		BULK FRACTION	0.080	0.000	0.051	0.000	0.080	0.051	0.131	0020-0B
3803.00	cut B		BULK FRACTION	0.067	0.000	0.054	0.002	0.067	0.056	0.123	0021-0B
3809.00	cut B		BULK FRACTION	0.057	0.000	0.057	0.006	0.057	0.063	0.120	0022-0B
3812.00	cut B		BULK FRACTION	0.000	0.000	0.059	0.000	0.000	0.059	0.059	0023-0B

Table 3a: Results of TLC-FID analysis: Absolute yields in mg/g rock for well NOCS 2/10-2

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Tot EOM</u>	<u>Sample</u>
3815.00	cut B		BULK FRACTION	0.029	0.000	0.051	0.000	0.029	0.051	0.080	0024-0B
3824.00	cut B		BULK FRACTION	0.165	0.000	0.144	0.000	0.165	0.144	0.309	0026-0B
3827.00	cut B		BULK FRACTION	0.444	0.399	0.408	0.006	0.843	0.414	1.257	0027-0B
3830.00	cut B		BULK FRACTION	0.248	0.212	0.427	0.006	0.460	0.433	0.893	0028-0B
3833.00	cut B		BULK FRACTION	0.208	0.132	0.213	0.003	0.340	0.216	0.556	0029-0B
3836.00	cut B		BULK FRACTION	0.101	0.000	0.110	0.000	0.101	0.110	0.211	0030-0B
3839.00	cut B		BULK FRACTION	0.052	0.000	0.081	0.000	0.052	0.081	0.133	0031-0B
3842.00	cut B		BULK FRACTION	0.020	0.000	0.056	0.000	0.020	0.056	0.076	0032-0B
3845.00	cut B		BULK FRACTION	0.053	0.000	0.048	0.000	0.053	0.048	0.101	0033-0B
3848.00	cut B		BULK FRACTION	0.050	0.000	0.069	0.003	0.050	0.072	0.122	0034-0B
3851.00	cut B		BULK FRACTION	0.052	0.000	0.050	0.003	0.052	0.053	0.105	0035-0B
3854.00	cut B		BULK FRACTION	0.000	0.000	0.085	0.005	0.000	0.090	0.090	0036-0B
3857.00	cut B		BULK FRACTION	0.020	0.000	0.044	0.000	0.020	0.044	0.064	0037-0B
3863.00	cut B		BULK FRACTION	0.042	0.000	0.046	0.000	0.042	0.046	0.088	0038-0B
3866.00	cut B		BULK FRACTION	0.021	0.000	0.026	0.000	0.021	0.026	0.047	0039-0B
3869.00	cut B		BULK FRACTION	0.089	0.000	0.066	0.003	0.089	0.069	0.158	0040-0B

Table 3a: Results of TLC-FID analysis: Absolute yields in mg/g rock for well NOCS 2/10-2

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Tot EOM</u>	<u>Sample</u>
3872.00	cut B		BULK FRACTION	0.056	0.000	0.041	0.002	0.056	0.043	0.099	0041-0B
3875.00	cut B		BULK FRACTION	0.069	0.032	0.058	0.002	0.101	0.060	0.161	0042-0B
3878.00	cut B		BULK FRACTION	0.478	0.175	0.205	0.003	0.653	0.208	0.861	0043-0B
3881.00	cut B		BULK FRACTION	2.327	2.151	2.569	0.066	4.478	2.635	7.113	0044-0B
3884.00	cut B		BULK FRACTION	4.545	3.970	3.455	0.037	8.515	3.492	12.007	0045-0B
3887.00	cut B		BULK FRACTION	6.020	7.099	3.609	0.058	13.119	3.667	16.786	0046-0B
3890.00	cut B		BULK FRACTION	5.390	5.923	3.445	0.062	11.313	3.507	14.820	0047-0B
3893.00	cut B		BULK FRACTION	5.524	9.212	3.522	0.075	14.736	3.597	18.333	0048-0B
3896.00	cut B		BULK FRACTION	6.702	8.185	3.630	0.070	14.887	3.700	18.587	0049-0B
3899.00	cut B		BULK FRACTION	6.375	8.466	3.399	0.074	14.841	3.473	18.314	0050-0B
3902.00	cut B		BULK FRACTION	4.523	3.892	2.072	0.011	8.415	2.083	10.498	0051-0B
3905.00	cut B		BULK FRACTION	4.790	4.931	2.013	0.012	9.721	2.025	11.746	0052-0B
3908.00	cut B		BULK FRACTION	1.470	0.815	0.719	0.004	2.285	0.723	3.008	0053-0B
4151.00	ccp B		BULK FRACTION	0.000	0.000	0.023	0.011	0.000	0.034	0.034	0082-0B
4152.00	ccp B		BULK FRACTION	0.860	0.000	0.301	0.002	0.860	0.303	1.163	0083-0B
4153.00	ccp B		BULK FRACTION	0.051	0.000	0.029	0.003	0.051	0.032	0.083	0084-0B

Table 3a: Results of TLC-FID analysis: Absolute yields in mg/g rock for well NOCS 2/10-2

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Tot EOM</u>	<u>Sample</u>
4154.00	ccp B		BULK FRACTION	0.030	0.000	0.029	0.002	0.030	0.031	0.061	0085-0B
4155.00	ccp B		BULK FRACTION	1.293	0.000	0.065	0.014	1.293	0.079	1.372	0086-0B
4156.00	ccp B		BULK FRACTION	0.059	0.000	0.013	0.004	0.059	0.017	0.076	0087-0B
4157.00	ccp B		BULK FRACTION	0.000	0.000	0.008	0.004	0.000	0.012	0.012	0088-0B
4158.00	ccp B		BULK FRACTION	0.000	0.000	0.017	0.002	0.000	0.019	0.019	0089-0B
4159.00	ccp B		BULK FRACTION	0.000	0.000	0.016	0.002	0.000	0.018	0.018	0090-0B
4160.00	ccp B		BULK FRACTION	0.000	0.000	0.017	0.002	0.000	0.019	0.019	0091-0B
4161.00	ccp B		BULK FRACTION	0.000	0.000	0.023	0.018	0.000	0.041	0.041	0092-0B
4162.00	ccp B		BULK FRACTION	0.000	0.000	0.020	0.003	0.000	0.023	0.023	0093-0B
4163.00	ccp B		BULK FRACTION	0.000	0.000	0.042	0.002	0.000	0.044	0.044	0094-0B

Table 3b: Results of TLC-FID analysis: Rel. percentages of sep. fractions for well NOCS 2/10-2

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Sample</u>
3085.00	ccp B		BULK FRACTION	100.00	0.00	0.00	0.00	100.00	0.00	0070-0B
3086.00	ccp B		BULK FRACTION	52.23	0.00	47.02	0.74	52.23	47.77	0071-0B
3089.00	ccp B		BULK FRACTION	52.74	13.98	31.91	1.37	66.72	33.28	0072-0B
3090.00	ccp B		BULK FRACTION	28.72	0.00	69.74	1.54	28.72	71.28	0073-0B
3091.00	ccp B		BULK FRACTION	0.00	0.00	94.96	5.04	0.00	100.00	0074-0B
3092.00	ccp B		BULK FRACTION	36.15	0.00	63.85	0.00	36.15	63.85	0075-0B
3093.00	ccp B		BULK FRACTION	0.00	0.00	65.71	34.29	0.00	100.00	0076-0B
3094.00	ccp B		BULK FRACTION	27.75	0.00	38.76	33.49	27.75	72.25	0077-0B
3095.00	ccp B		BULK FRACTION	40.96	0.00	59.04	0.00	40.96	59.04	0078-0B
3096.00	ccp B		BULK FRACTION	0.00	0.00	100.00	0.00	0.00	100.00	0079-0B
3097.00	ccp B		BULK FRACTION	0.00	0.00	100.00	0.00	0.00	100.00	0080-0B
3098.00	ccp B		BULK FRACTION	0.00	0.00	96.55	3.45	0.00	100.00	0081-0B
3800.00	cut B		BULK FRACTION	61.07	0.00	38.93	0.00	61.07	38.93	0020-0B
3803.00	cut B		BULK FRACTION	54.47	0.00	43.90	1.63	54.47	45.53	0021-0B
3809.00	cut B		BULK FRACTION	47.50	0.00	47.50	5.00	47.50	52.50	0022-0B
3812.00	cut B		BULK FRACTION	0.00	0.00	100.00	0.00	0.00	100.00	0023-0B

Table 3b: Results of TLC-FID analysis: Rel. percentages of sep. fractions for well NOCS 2/10-2

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Sample</u>
3815.00	cut B		BULK FRACTION	36.25	0.00	63.75	0.00	36.25	63.75	0024-0B
3824.00	cut B		BULK FRACTION	53.40	0.00	46.60	0.00	53.40	46.60	0026-0B
3827.00	cut B		BULK FRACTION	35.32	31.74	32.46	0.48	67.06	32.94	0027-0B
3830.00	cut B		BULK FRACTION	27.77	23.74	47.82	0.67	51.51	48.49	0028-0B
3833.00	cut B		BULK FRACTION	37.41	23.74	38.31	0.54	61.15	38.85	0029-0B
3836.00	cut B		BULK FRACTION	47.87	0.00	52.13	0.00	47.87	52.13	0030-0B
3839.00	cut B		BULK FRACTION	39.10	0.00	60.90	0.00	39.10	60.90	0031-0B
3842.00	cut B		BULK FRACTION	26.32	0.00	73.68	0.00	26.32	73.68	0032-0B
3845.00	cut B		BULK FRACTION	52.48	0.00	47.52	0.00	52.48	47.52	0033-0B
3848.00	cut B		BULK FRACTION	40.98	0.00	56.56	2.46	40.98	59.02	0034-0B
3851.00	cut B		BULK FRACTION	49.52	0.00	47.62	2.86	49.52	50.48	0035-0B
3854.00	cut B		BULK FRACTION	0.00	0.00	94.44	5.56	0.00	100.00	0036-0B
3857.00	cut B		BULK FRACTION	31.25	0.00	68.75	0.00	31.25	68.75	0037-0B
3863.00	cut B		BULK FRACTION	47.73	0.00	52.27	0.00	47.73	52.27	0038-0B
3866.00	cut B		BULK FRACTION	44.68	0.00	55.32	0.00	44.68	55.32	0039-0B
3869.00	cut B		BULK FRACTION	56.33	0.00	41.77	1.90	56.33	43.67	0040-0B

Table 3b: Results of TLC-FID analysis: Rel. percentages of sep. fractions for well NOCS 2/10-2

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Sample</u>
3872.00	cut B		BULK FRACTION	56.57	0.00	41.41	2.02	56.57	43.43	0041-0B
3875.00	cut B		BULK FRACTION	42.86	19.88	36.02	1.24	62.73	37.27	0042-0B
3878.00	cut B		BULK FRACTION	55.52	20.33	23.81	0.35	75.84	24.16	0043-0B
3881.00	cut B		BULK FRACTION	32.71	30.24	36.12	0.93	62.96	37.04	0044-0B
3884.00	cut B		BULK FRACTION	37.85	33.06	28.77	0.31	70.92	29.08	0045-0B
3887.00	cut B		BULK FRACTION	35.86	42.29	21.50	0.35	78.15	21.85	0046-0B
3890.00	cut B		BULK FRACTION	36.37	39.97	23.25	0.42	76.34	23.66	0047-0B
3893.00	cut B		BULK FRACTION	30.13	50.25	19.21	0.41	80.38	19.62	0048-0B
3896.00	cut B		BULK FRACTION	36.06	44.04	19.53	0.38	80.09	19.91	0049-0B
3899.00	cut B		BULK FRACTION	34.81	46.23	18.56	0.40	81.04	18.96	0050-0B
3902.00	cut B		BULK FRACTION	43.08	37.07	19.74	0.10	80.16	19.84	0051-0B
3905.00	cut B		BULK FRACTION	40.78	41.98	17.14	0.10	82.76	17.24	0052-0B
3908.00	cut B		BULK FRACTION	48.87	27.09	23.90	0.13	75.96	24.04	0053-0B
4151.00	ccp B		BULK FRACTION	0.00	0.00	67.65	32.35	0.00	100.00	0082-0B
4152.00	ccp B		BULK FRACTION	73.95	0.00	25.88	0.17	73.95	26.05	0083-0B
4153.00	ccp B		BULK FRACTION	61.45	0.00	34.94	3.61	61.45	38.55	0084-0B

Table 3b: Results of TLC-FID analysis: Rel. percentages of sep. fractions for well NOCS 2/10-2

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Sample</u>
4154.00	ccp	B	BULK FRACTION	49.18	0.00	47.54	3.28	49.18	50.82	0085-0B
4155.00	ccp	B	BULK FRACTION	94.24	0.00	4.74	1.02	94.24	5.76	0086-0B
4156.00	ccp	B	BULK FRACTION	77.63	0.00	17.11	5.26	77.63	22.37	0087-0B
4157.00	ccp	B	BULK FRACTION	0.00	0.00	66.67	33.33	0.00	100.00	0088-0B
4158.00	ccp	B	BULK FRACTION	0.00	0.00	89.47	10.53	0.00	100.00	0089-0B
4159.00	ccp	B	BULK FRACTION	0.00	0.00	88.89	11.11	0.00	100.00	0090-0B
4160.00	ccp	B	BULK FRACTION	0.00	0.00	89.47	10.53	0.00	100.00	0091-0B
4161.00	ccp	B	BULK FRACTION	0.00	0.00	56.10	43.90	0.00	100.00	0092-0B
4162.00	ccp	B	BULK FRACTION	0.00	0.00	86.96	13.04	0.00	100.00	0093-0B
4163.00	ccp	B	BULK FRACTION	0.00	0.00	95.45	4.55	0.00	100.00	0094-0B

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
3881.00	cut	bulk	8.5	95.2	16.4	43.0	11.9	23.9	59.4	35.8	5.32	0044-0B
3884.00	cut	bulk	9.1	107.5	31.5	26.6	15.9	33.4	58.1	49.3	5.88	0045-0B
3887.00	cut	bulk	9.8	83.0	28.1	24.0	8.3	22.6	52.1	30.9	6.04	0046-0B
3890.00	cut	bulk	7.8	61.9	20.3	15.9	6.6	19.1	36.2	25.7	6.40	0047-0B
3893.00	cut	bulk	8.8	145.0	39.4	36.3	22.8	46.5	75.6	69.4	8.10	0048-0B
3896.00	cut	bulk	9.9	140.2	38.1	38.4	20.9	42.8	76.4	63.7	7.18	0049-0B
3899.00	cut	bulk	9.6	84.6	24.0	25.6	10.1	25.0	49.5	35.1	7.34	0050-0B
3902.00	cut	bulk	9.2	98.7	31.5	29.3	10.4	27.5	60.8	37.9	4.05	0051-0B
3905.00	cut	bulk	9.3	72.9	30.6	24.4	11.4	6.4	55.0	17.9	3.88	0052-0B
3908.00	cut	bulk	8.2	27.5	8.9	7.7	2.0	8.9	16.6	10.9	1.78	0053-0B
3911.00	cut	bulk	9.3	26.5	8.2	6.6	1.9	9.8	14.8	11.7	1.43	0054-0B

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3881.00	cut	bulk	11151	1920	5038	1396	2795	6959	4192	0044-0B
3884.00	cut	bulk	11835	3471	2931	1751	3681	6403	5432	0045-0B
3887.00	cut	bulk	8509	2881	2463	849	2315	5344	3165	0046-0B
3890.00	cut	bulk	7990	2618	2052	855	2464	4670	3320	0047-0B
3893.00	cut	bulk	16533	4488	4136	2602	5306	8624	7908	0048-0B
3896.00	cut	bulk	14202	3856	3888	2116	4341	7744	6457	0049-0B
3899.00	cut	bulk	8839	2503	2670	1057	2607	5174	3664	0050-0B
3902.00	cut	bulk	10715	3419	3180	1132	2983	6599	4116	0051-0B
3905.00	cut	bulk	7821	3285	2620	1228	687	5905	1916	0052-0B
3908.00	cut	bulk	3355	1086	935	246	1086	2021	1333	0053-0B
3911.00	cut	bulk	2848	882	710	201	1053	1593	1254	0054-0B

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3881.00	cut	bulk	209.61	36.10	94.71	26.26	52.54	130.81	78.80	0044-0B
3884.00	cut	bulk	201.29	59.04	49.86	29.78	62.61	108.90	92.39	0045-0B
3887.00	cut	bulk	140.89	47.70	40.79	14.06	38.34	88.49	52.40	0046-0B
3890.00	cut	bulk	124.86	40.91	32.08	13.37	38.51	72.98	51.87	0047-0B
3893.00	cut	bulk	204.12	55.41	51.07	32.12	65.52	106.48	97.64	0048-0B
3896.00	cut	bulk	197.81	53.71	54.16	29.48	60.47	107.86	89.94	0049-0B
3899.00	cut	bulk	120.42	34.11	36.39	14.41	35.52	70.50	49.93	0050-0B
3902.00	cut	bulk	264.58	84.42	78.52	27.96	73.67	162.95	101.63	0051-0B
3905.00	cut	bulk	201.60	84.68	67.53	31.66	17.73	152.21	49.39	0052-0B
3908.00	cut	bulk	188.50	61.05	52.54	13.86	61.05	113.59	74.91	0053-0B
3911.00	cut	bulk	199.19	61.73	49.70	14.06	73.69	111.44	87.75	0054-0B

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
			EOM	EOM	EOM	EOM	EOM	EOM	EOM	Aro	
3881.00	cut	bulk	17.22	45.19	12.53	25.07	62.41	37.59	38.11	166.01	0044-0B
3884.00	cut	bulk	29.33	24.77	14.79	31.11	54.10	45.90	118.41	117.86	0045-0B
3887.00	cut	bulk	33.86	28.95	9.98	27.21	62.81	37.19	116.94	168.86	0046-0B
3890.00	cut	bulk	32.76	25.69	10.71	30.84	58.45	41.55	127.53	140.69	0047-0B
3893.00	cut	bulk	27.14	25.02	15.74	32.10	52.17	47.83	108.49	109.05	0048-0B
3896.00	cut	bulk	27.15	27.38	14.90	30.57	54.53	45.47	99.17	119.92	0049-0B
3899.00	cut	bulk	28.32	30.22	11.96	29.50	58.54	41.46	93.74	141.20	0050-0B
3902.00	cut	bulk	31.91	29.68	10.57	27.84	61.59	38.41	107.51	160.33	0051-0B
3905.00	cut	bulk	42.00	33.50	15.71	8.79	75.50	24.50	125.39	308.17	0052-0B
3908.00	cut	bulk	32.39	27.87	7.35	32.39	60.26	39.74	116.19	151.65	0053-0B
3911.00	cut	bulk	30.99	24.95	7.06	37.00	55.95	44.05	124.21	126.99	0054-0B

Table 5: Saturated Hydrocarbon Ratios for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane/nC17	Phytane	CPI1	nC17	Sample
			nC17	Phytane	Phytane/nC18	nC18		nC17+nC27	
3881.00	cut	bulk	0.35	0.82	0.79	0.44	1.00	0.89	0044-0B
3884.00	cut	bulk	0.34	0.73	0.78	0.44	1.00	0.85	0045-0B
3887.00	cut	bulk	0.36	0.66	0.81	0.45	1.02	0.79	0046-0B
3890.00	cut	bulk	0.32	0.69	0.75	0.42	0.97	0.79	0047-0B
3893.00	cut	bulk	0.31	0.86	0.79	0.39	0.98	0.90	0048-0B
3896.00	cut	bulk	0.32	0.80	0.80	0.40	1.00	0.89	0049-0B
3899.00	cut	bulk	0.31	0.77	0.81	0.38	0.98	0.86	0050-0B
3902.00	cut	bulk	0.31	0.89	0.84	0.36	0.99	0.91	0051-0B
3905.00	cut	bulk	0.28	0.90	0.80	0.35	0.99	0.92	0052-0B
3908.00	cut	bulk	0.34	0.91	0.83	0.41	1.01	0.89	0053-0B
3911.00	cut	bulk	0.34	0.88	0.82	0.41	1.02	0.89	0054-0B

Table 6a: Aromatic Hydrocarbon Ratios for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT (3+2) /1MDBT	Sample	
3881.00	cut	bulk	-	-	-	-	-	-	-	-	20.98	1.22	0044-0B
3884.00	cut	bulk	0.75	0.87	0.23	0.52	0.50	0.49	0.70	0.16	24.85	1.00	0045-0B
3887.00	cut	bulk	0.74	0.86	0.18	0.51	0.51	0.50	0.71	0.16	22.71	1.02	0046-0B
3890.00	cut	bulk	0.71	0.90	0.20	0.55	0.53	0.53	0.72	0.14	24.14	1.06	0047-0B
3893.00	cut	bulk	0.65	0.78	0.22	0.55	0.52	0.50	0.71	0.19	20.74	1.12	0048-0B
3896.00	cut	bulk	0.68	0.81	0.12	0.54	0.55	0.51	0.73	0.19	22.06	1.15	0049-0B
3899.00	cut	bulk	0.72	0.86	0.09	0.54	0.52	0.51	0.71	0.17	22.97	1.14	0050-0B
3902.00	cut	bulk	0.68	0.76	0.27	0.53	0.51	0.49	0.71	0.20	23.73	0.95	0051-0B
3905.00	cut	bulk	0.66	0.76	0.30	0.53	0.52	0.50	0.71	0.19	23.48	0.96	0052-0B
3908.00	cut	bulk	0.66	0.79	0.33	0.55	0.63	0.51	0.78	0.23	27.71	1.03	0053-0B
3911.00	cut	bulk	0.68	0.80	0.35	0.53	0.53	0.50	0.72	0.20	23.28	0.96	0054-0B

Table 6b: Aromatic Hydrocarbon Ratios for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
3881.00	cut	bulk	-	-	0044-0B
3884.00	cut	bulk	0.33	0.16	0045-0B
3887.00	cut	bulk	0.32	0.16	0046-0B
3890.00	cut	bulk	0.34	0.17	0047-0B
3893.00	cut	bulk	0.34	0.16	0048-0B
3896.00	cut	bulk	0.35	0.16	0049-0B
3899.00	cut	bulk	0.34	0.16	0050-0B
3902.00	cut	bulk	0.33	0.16	0051-0B
3905.00	cut	bulk	0.34	0.16	0052-0B
3908.00	cut	bulk	0.39	0.16	0053-0B
3911.00	cut	bulk	0.34	0.16	0054-0B

Table 7 : Thermal Maturity Data for well NOCS 2/10-2

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T _{max} (°C)	Sample
2810.00	cut	bulk	-	-	-	-	6.0-6.5	-	0001-0B
2910.00	cut	bulk	-	-	-	-	6.0(?)	421	0003-0B
3010.00	cut	bulk	-	-	-	-	6.0(??)	361	0012-0B
3110.00	cut	bulk	-	-	-	-	6.5-7.0(??)	-	0013-0B
3210.00	cut	bulk	-	-	-	-	6.5-7.0(??)	-	0014-0B
3310.00	cut	bulk	-	-	-	-	NDP	-	0015-0B
3410.00	cut	bulk	-	-	-	-	NDP	-	0016-0B
3510.00	cut	bulk	-	-	-	-	NDP	-	0017-0B
3610.00	cut	bulk	-	-	-	-	7.0-7.5(??)	-	0018-0B
3710.00	cut	bulk	-	-	-	-	8.5(?)	-	0019-0B
3809.00	cut	bulk	-	-	-	-	8.0-9.0	-	0022-0B
3881.00	cut	bulk	-	-	-	-	8.0-8.5(?)	442	0044-0B
3887.00	cut	bulk	-	-	-	-	8.5-9.0(?)	442	0046-0B
3893.00	cut	bulk	-	-	-	-	8.5-9.0	440	0048-0B