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

Project: 33/9-16

Well: NOCS 33/9-16

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
2290.00	33	4	8	15	40	365	100	67	67.0	0.38
2330.00	50	10	38	91	207	4643	396	346	87.4	0.44
2370.00	57	19	61	59	141	681	337	280	83.1	0.42
2409.00	69	18	57	37	83	276	264	195	73.9	0.45
2418.00	88	36	111	60	110	46	405	317	78.3	0.55
2427.00	101	39	121	62	111	36	434	333	76.7	0.56
2436.00	55	20	86	45	84	30	290	235	81.0	0.54
2445.00	72	27	89	37	65	19	290	218	75.2	0.57
2454.00	71	27	107	37	72	19	314	243	77.4	0.51
2463.00	87	30	86	31	50	79	284	197	69.4	0.62
2472.00	83	34	111	37	62	24	327	244	74.6	0.60
2481.00	83	37	113	32	50	91	315	232	73.7	0.64
2490.00	87	55	162	47	72	23	423	336	79.4	0.65
2499.00	75	42	132	36	58	108	343	268	78.1	0.62
2508.00	45	31	104	24	39	41	243	198	81.5	0.62
2517.00	55	34	108	23	40	43	260	205	78.9	0.57
2526.00	41	20	76	19	35	35	191	150	78.5	0.54
2535.00	47	18	81	22	47	38	215	168	78.1	0.47
2544.00	46	16	71	20	45	36	198	152	76.8	0.44
2553.00	34	11	62	19	47	29	173	139	80.4	0.40
2562.00	50	21	93	25	59	31	248	198	79.8	0.42
2571.00	52	22	101	28	74	54	277	225	81.2	0.38
2580.00	43	20	98	27	74	41	262	219	83.6	0.36

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

Project: 33/9-16

Well: NOCS 33/9-16

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
2589.00	60	25	104	30	82	50	301	241	80.1	0.37
2598.00	51	21	108	31	92	43	303	252	83.2	0.34
2607.00	49	24	130	34	109	51	346	297	85.8	0.31
2616.00	49	25	142	41	121	57	378	329	87.0	0.34
2625.00	69	31	163	48	153	90	464	395	85.1	0.31
2634.00	87	26	147	53	171	118	484	397	82.0	0.31
2643.00	53	23	142	43	160	116	421	368	87.4	0.27
2652.00	49	20	116	38	144	125	367	318	86.7	0.26
2661.00	97	26	102	55	190	380	470	373	79.4	0.29
2670.00	84	139	634	178	520	487	1555	1471	94.6	0.34
2679.00	37	75	400	107	307	272	926	889	96.0	0.35
2688.00	83	53	321	111	344	461	912	829	90.9	0.32
2697.00	104	21	130	42	148	225	445	341	76.6	0.28
2706.00	100	13	54	18	68	122	253	153	60.5	0.26
2715.00	106	101	543	172	507	603	1429	1323	92.6	0.34
2724.00	70	10	38	16	57	179	191	121	63.4	0.28
2733.00	70	16	120	41	137	275	384	314	81.8	0.30
2742.00	72	108	642	202	620	802	1644	1572	95.6	0.33
2751.00	90	194	836	211	633	670	1964	1874	95.4	0.33
2760.00	3721	3730	4712	537	1071	429	13771	10050	73.0	0.50
2769.00	1739	2352	3422	382	745	271	8640	6901	79.9	0.51
2778.00	536	1145	2376	309	658	309	5024	4488	89.3	0.47
2787.00	267	519	1632	240	580	344	3238	2971	91.8	0.41

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

Project: 33/9-16

Well: NOCS 33/9-16

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
2796.00	417	1055	2478	371	603	299	4924	4507	91.5	0.62
2805.00	316	901	2403	375	647	338	4642	4326	93.2	0.58
2814.00	201	581	1655	280	484	266	3201	3000	93.7	0.58
2823.00	149	478	1564	272	510	271	2973	2824	95.0	0.53
2832.00	205	550	1534	263	486	272	3038	2833	93.3	0.54
2841.00	218	566	1431	250	443	253	2908	2690	92.5	0.56
2850.00	233	580	1442	256	436	246	2947	2714	92.1	0.59
2859.00	125	310	932	178	332	200	1877	1752	93.3	0.54
2868.00	10134	8221	6720	1222	1419	735	27716	17582	63.4	0.86
2870.00	6645	6292	5089	839	975	472	19840	13195	66.5	0.86

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

Project: 33/9-16

Well: NOCS 33/9-16

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
450.00	8855	3	-	-	-	3	8858	3	-	-
490.00	54119	13	2	-	-	5	54134	15	-	-
530.00	126572	24	4	3	1	9	126604	32	-	3.00
570.00	66716	14	2	1	-	5	66733	17	-	-
610.00	57801	17	2	1	-	4	57821	20	-	-
650.00	35758	9	1	1	1	4	35770	12	-	1.00
690.00	36967	12	2	-	-	10	36981	14	-	-
730.00	63570	26	5	-	-	11	63601	31	0.1	-
770.00	36759	13	4	-	1	4	36777	18	0.1	-
810.00	39901	15	4	1	-	7	39921	20	0.1	-
850.00	26818	10	2	-	-	5	26830	12	-	-
890.00	23721	10	3	1	-	4	23735	14	0.1	-
930.00	37893	15	3	1	-	5	37912	19	0.1	-
970.00	15596	8	1	-	-	4	15605	9	0.1	-
1010.00	5797	5	1	-	-	3	5803	6	0.1	-
1050.00	17594	8	2	-	-	8	17604	10	0.1	-
1090.00	26318	12	2	-	-	5	26332	14	0.1	-
1130.00	7825	7	4	-	-	2	7836	11	0.1	-
1170.00	13197	14	5	-	1	7	13217	20	0.2	-
1210.00	8047	6	1	-	-	1	8054	7	0.1	-
1250.00	2099	85	8	1	15	21	2208	109	4.9	0.07
1290.00	4284	4	1	-	-	1	4289	5	0.1	-

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

Project: 33/9-16

Well: NOCS 33/9-16

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
1330.00	2502	3	1	-	-	1	2506	4	0.2	-
1370.00	2253	3	1	-	-	1	2257	4	0.2	-
1410.00	2226	4	1	-	-	1	2231	5	0.2	-
1450.00	2527	7	2	-	-	1	2536	9	0.4	-
1490.00	1938	8	2	-	-	1	1948	10	0.5	-
1530.00	1809	9	2	-	-	2	1820	11	0.6	-
1570.00	1346	7	2	-	-	2	1355	9	0.7	-
1610.00	3996	32	5	3	2	13	4038	42	1.0	1.50
1650.00	3429	18	3	2	1	44	3453	24	0.7	2.00
1690.00	5528	27	3	3	1	217	5562	34	0.6	3.00
1730.00	12311	75	5	7	2	278	12400	89	0.7	3.50
1770.00	4267	33	3	2	-	71	4305	38	0.9	-
1810.00	2124	20	3	-	-	19	2147	23	1.1	-
1850.00	5266	50	8	1	2	19	5327	61	1.2	0.50
1890.00	2240	26	6	1	2	11	2275	35	1.5	0.50
1930.00	5191	53	17	3	2	4	5266	75	1.4	1.50
1970.00	2775	28	9	1	1	9	2814	39	1.4	1.00
2010.00	3394	53	25	5	4	10	3481	87	2.5	1.25
2050.00	5038	95	63	14	12	27	5222	184	3.5	1.17
2090.00	4607	119	81	26	21	24	4854	247	5.1	1.24
2130.00	3507	126	109	38	48	25	3828	321	8.4	0.79
2170.00	4751	166	138	58	78	31	5191	440	8.5	0.74

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

Project: 33/9-16

Well: NOCS 33/9-16

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
2210.00	1285	75	103	70	119	90	1652	367	22.2	0.59
2250.00	1677	119	230	217	366	408	2609	932	35.7	0.59
2290.00	2054	104	146	179	333	1956	2816	762	27.1	0.54
2330.00	3145	275	307	274	491	5338	4492	1347	30.0	0.56
2370.00	3244	299	290	162	293	867	4288	1044	24.4	0.55
2409.00	4319	386	334	125	189	362	5353	1034	19.3	0.66
2418.00	3656	370	332	114	168	84	4640	984	21.2	0.68
2427.00	2537	390	370	117	172	171	3586	1049	29.3	0.68
2436.00	1593	430	542	172	221	260	2958	1365	46.2	0.78
2445.00	2125	353	409	125	156	150	3168	1043	32.9	0.80
2454.00	1959	423	567	122	176	119	3247	1288	39.7	0.69
2463.00	2762	471	466	109	132	208	3940	1178	29.9	0.83
2472.00	2830	524	541	123	148	145	4166	1336	32.1	0.83
2481.00	3485	648	619	122	142	252	5016	1531	30.5	0.86
2490.00	4474	791	699	135	160	185	6259	1785	28.5	0.84
2499.00	2654	467	489	99	127	216	3836	1182	30.8	0.78
2508.00	2384	605	576	90	110	96	3765	1381	36.7	0.82
2517.00	2284	547	521	82	102	95	3536	1252	35.4	0.80
2526.00	1108	279	353	63	88	71	1891	783	41.4	0.72
2535.00	1685	367	480	90	131	102	2753	1068	38.8	0.69
2544.00	1478	312	461	91	136	95	2478	1000	40.4	0.67
2553.00	1320	291	412	72	120	59	2215	895	40.4	0.60

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

Project: 33/9-16

Well: NOCS 33/9-16

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
2562.00	1463	273	394	74	132	67	2336	873	37.4	0.56
2571.00	1076	237	355	69	136	84	1873	797	42.6	0.51
2580.00	2112	283	367	72	143	67	2977	865	29.1	0.50
2589.00	1586	318	555	139	266	152	2864	1278	44.6	0.52
2598.00	1433	322	581	135	272	121	2743	1310	47.8	0.50
2607.00	1721	475	905	212	435	253	3748	2027	54.1	0.49
2616.00	1590	403	809	199	423	227	3424	1834	53.6	0.47
2625.00	2187	485	979	241	532	289	4424	2237	50.6	0.45
2634.00	9310	2451	5310	1363	2556	1389	20990	11680	55.7	0.53
2643.00	2467	725	1685	422	961	586	6260	3793	60.6	0.44
2652.00	2321	612	1418	360	832	551	5543	3222	58.1	0.43
2661.00	1302	316	732	245	609	801	3204	1902	59.4	0.40
2670.00	5243	1514	2563	706	1585	1440	11611	6368	54.8	0.45
2679.00	1908	463	741	176	451	412	3739	1831	49.0	0.39
2688.00	3908	392	558	147	424	547	5429	1521	28.0	0.35
2697.00	725	102	213	59	189	280	1288	563	43.7	0.31
2706.00	1255	104	126	32	103	179	1620	365	22.5	0.31
2715.00	1440	225	648	193	556	664	3062	1622	53.0	0.35
2724.00	792	88	137	41	122	275	1180	388	32.9	0.34
2733.00	1126	190	357	90	254	432	2017	891	44.2	0.35
2742.00	1961	580	1110	286	804	977	4741	2780	58.6	0.36
2751.00	6168	1914	2467	435	1104	1005	12088	5920	49.0	0.39

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

Project: 33/9-16

Well: NOCS 33/9-16

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
2760.00	82623	12154	8307	787	1398	499	105269	22646	21.5	0.56
2769.00	78789	12599	8348	729	1172	350	101637	22848	22.5	0.62
2778.00	94090	23419	17134	1265	2260	703	138168	44078	31.9	0.56
2787.00	64944	18492	16933	1492	3009	1280	104870	39926	38.1	0.50
2796.00	96466	25990	21525	2433	3505	1857	149919	53453	35.7	0.69
2805.00	58628	20001	18039	2112	3040	1585	101820	43192	42.4	0.69
2814.00	44659	19790	16254	1784	2438	1195	84925	40266	47.4	0.73
2823.00	19538	10775	12760	1719	2562	1369	47354	27816	58.7	0.67
2832.00	20341	6954	6366	849	1226	661	35736	15395	43.1	0.69
2841.00	24684	6892	5686	753	1043	532	39058	14374	36.8	0.72
2850.00	30850	7031	6756	1194	1374	764	47205	16355	34.7	0.87
2859.00	15069	5179	5017	848	1002	512	27115	12046	44.4	0.85
2868.00	128966	17844	10778	1783	2008	1002	161379	32413	20.1	0.89
2870.00	87196	14388	8421	1280	1471	704	112756	25560	22.7	0.87

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
450.00						0001
				100 Cont : cem		0001-1L
				tr S/Sst : w, l		0001-2L
490.00						0002
				100 S/Sst : w, lt gy, drk gy, l		0002-2L
				tr Cont : cem		0002-1L
530.00						0003
				100 S/Sst : w, lt gy, drk gy, l		0003-2L
				tr Cont : cem		0003-1L
570.00						0004
				100 S/Sst : w, lt gy, drk gy, fos, l		0004-2L
				tr Cont : cem		0004-1L
				tr Other : pyr		0004-3L
610.00						0005
				100 S/Sst : w, lt gy, drk gy, fos, l		0005-1L
				tr Other : pyr		0005-2L
				tr Sh/Clst: gn gy, gy red		0005-3L
650.00						0006
				100 S/Sst : w, lt gy, drk gy, fos, l		0006-1L
				tr Sh/Clst: gn gy, gy red		0006-2L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
690.00						0064	
		100	S/Sst	: w, lt gy, drk gy, fos, l		0064-1L	
			tr Sh/Clst:	gn gy, gy red		0064-2L	
730.00						0007	
		100	S/Sst	: w, lt gy, drk gy, fos, l		0007-1L	
770.00						0008	
		100	S/Sst	: w, lt gy, drk gy, fos, l		0008-1L	
810.00						0009	
		100	S/Sst	: w, lt gy, drk gy, fos, l		0009-1L	
850.00						0010	
		100	S/Sst	: w, lt gy, drk gy, fos, l		0010-1L	
890.00						0011	
		100	S/Sst	: w, lt gy, drk gy, fos, l, f, crs		0011-1L	
930.00						0012	
		100	S/Sst	: w, lt gy, drk gy, fos, l, f, crs		0012-1L	
970.00						0013	
		100	S/Sst	: w, lt gy, drk gy, fos, l, crs		0013-1L	
			tr Sh/Clst:	lt ol gy		0013-2L	

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1010.00						0014
				100 S/Sst : w, lt gy, drk gy, fos, l, f, crs tr Sh/Clst: lt ol gy		0014-1L 0014-2L
1050.00						0015
				90 S/Sst : w, lt gy, drk gy, fos, l, f, crs 10 Other : gn, glauc tr Sh/Clst: lt ol gy		0015-1L 0015-3L 0015-2L
1090.00						0016
	cvd	1.55		50 Sh/Clst: brn gy, calc, slt		0016-4L
	cvd			40 S/Sst : w, lt gy, drk gy, fos, l, f, crs		0016-1L
	cvd			10 Other : gn, glauc		0016-3L
				tr Sh/Clst: lt ol gy		0016-2L
1130.00						0017
				100 Sh/Clst: brn gy, calc, slt		0017-1L
1170.00						0018
		1.62		100 Sh/Clst: brn gy, calc, slt		0018-1L
1210.00						0019
				100 Sh/Clst: brn gy to ol gy, glauc		0019-1L
1250.00						0020
				50 Sh/Clst: brn gy to ol gy, glauc		0020-1L
				50 S/Sst : w, l		0020-2L
				tr Other : pyr		0020-3L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description			
1290.00						0021
	0.69	100	Sh/Clst: ol gy			0021-1L
1330.00						0022
		90	Sh/Clst: ol gy			0022-1L
		10	S/Sst : w, l			0022-2L
1370.00						0023
	0.45	100	Sh/Clst: ol gy			0023-1L
			tr S/Sst : w, l			0023-2L
1410.00						0024
		100	Sh/Clst: ol gy			0024-1L
1450.00						0025
		100	Sh/Clst: ol gy			0025-1L
1490.00						0026
	0.38	100	Sh/Clst: ol gy			0026-1L
1530.00						0027
		100	Sh/Clst: ol gy			0027-1L
			tr Ca : lt y gy			0027-2L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1570.00						0028
		0.42	100	Sh/Clst: ol gy tr Ca : lt y gy		0028-1L 0028-2L
1610.00						0029
			100	Sh/Clst: ol gy to drk y brn tr Ca : lt y gy		0029-1L 0029-2L
1650.00						0030
			90	Sh/Clst: ol gy to drk y brn 5 Ca : lt y gy to brn gy 5 Sh/Clst: gn gy, gy red		0030-1L 0030-2L 0030-3L
1690.00						0031
		0.42	90	Sh/Clst: brn gy to ol gy to drk y brn, calc 5 Ca : lt y gy to brn gy 5 Sh/Clst: gn gy, gy red		0031-1L 0031-2L 0031-3L
1730.00						0032
			90	Sh/Clst: brn gy to ol gy to drk y brn, calc 5 Ca : lt y gy to brn gy 5 Sh/Clst: gn gy, gy red		0032-1L 0032-2L 0032-3L
1770.00						0033
		0.33	95	Sh/Clst: brn gy to m brn gy to m lt gy 5 Sh/Clst: gn gy, gy red tr Ca : lt y gy to brn gy		0033-1L 0033-3L 0033-2L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1810.00						0034
				95 Sh/Clst: brn gy to m brn gy to ol gy		0034-1L
				5 Sh/Clst: gn gy, gy red		0034-3L
				tr Ca : lt y gy to brn gy		0034-2L
1850.00						0035
				90 Sh/Clst: brn gy to m brn gy to ol gy		0035-1L
				10 S/Sst : gy to lt gy, f, l		0035-2L
				tr Sh/Clst: gn gy, gy red		0035-3L
1890.00						0036
	0.40			50 Sh/Clst: brn gy to m brn gy to ol gy		0036-1L
				50 S/Sst : gy to lt gy, l		0036-2L
1930.00						0037
				75 Sh/Clst: brn gy to m brn gy to ol gy		0037-1L
				15 Sh/Clst: gy red		0037-3L
				5 S/Sst : gy to lt gy, l		0037-2L
				5 Other : gn, glauc		0037-4L
1970.00						0038
				100 Sh/Clst: brn gy to ol gy		0038-1L
				tr S/Sst : gy to lt gy, l		0038-2L
				tr Sh/Clst: gy red		0038-3L
2010.00						0039
				90 Sh/Clst: m gy, calc		0039-3L
				10 Sh/Clst: brn gy to ol gy		0039-1L
				tr Sh/Clst: gy red		0039-2L
				tr Ca : w, chk		0039-4L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2050.00						0040
				100 Sh/Clst: m gy, calc		0040-3L
				tr Sh/Clst: brn gy to ol gy		0040-1L
				tr Sh/Clst: gy red		0040-2L
2090.00						0041
		0.55		100 Sh/Clst: m gy, calc		0041-2L
				tr Sh/Clst: gy red		0041-1L
2130.00						0042
				100 Sh/Clst: m gy, calc		0042-2L
				tr Sh/Clst: gy red		0042-1L
2170.00						0065
		0.49		90 Sh/Clst: m gy to drk gy, calc		0065-1L
				10 Sh/Clst: gy red		0065-2L
2180.00	swc					0043
				100 Sh/Clst: ol gy to drk gy		0043-1L
2210.00						0066
				100 Sh/Clst: ol gy to m gy		0066-1L
				tr Sh/Clst: gy red		0066-2L
2240.00	swc					0044
				100 Sh/Clst: ol gy to drk gy		0044-1L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2250.00						0067
			100	Sh/Clst: ol gy to m gy		0067-1L
				tr Sltst : lt brn gy		0067-2L
2290.00						0068
	0.39		90	Sh/Clst: ol gy to m gy		0068-1L
			10	S/Sst : lt gy to lt brn gy, pyr, glauc, f		0068-2L
2330.00						0069
			90	Sh/Clst: ol gy to m gy		0069-1L
			10	S/Sst : lt gy to lt brn gy, pyr, glauc, f		0069-2L
				tr Ca : pl y brn		0069-3L
2370.00						0070
			90	Sh/Clst: ol gy to m gy		0070-1L
			10	S/Sst : lt gy to lt brn gy, pyr, glauc, f		0070-2L
				tr Ca : pl y brn		0070-3L
2380.00	swc					0045
	1.02		100	Sh/Clst: ol gy to drk gy		0045-1L
2409.00						0071
			90	Sh/Clst: ol gy to drk gy		0071-1L
			5	S/Sst : lt gy to lt brn gy, pyr, glauc, f		0071-2L
			5	Ca : pl y brn		0071-3L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2418.00						0072
				90 Sh/Clst: ol gy to drk gy		0072-1L
				10 S/Sst : lt gy to lt brn gy, pyr, glauc, f		0072-2L
				tr Ca : pl y brn		0072-3L
2425.00	swc					0046
		0.63	100	Sh/Clst: drk gy		0046-1L
2427.00						0073
				90 Sh/Clst: ol gy to drk gy		0073-1L
				5 S/Sst : lt gy to lt brn gy, pyr, glauc, f		0073-2L
				5 Ca : pl y brn		0073-3L
2436.00						0074
				90 Sh/Clst: m gy to drk gy		0074-1L
				10 S/Sst : lt gy, pyr, f		0074-2L
				tr Ca : pl y brn		0074-3L
2445.00						0075
				70 Sh/Clst: m gy to drk gy		0075-1L
				30 S/Sst : lt gy, glauc, f, cem		0075-2L
2454.00						0076
				90 Sh/Clst: m gy to drk gy		0076-1L
				10 S/Sst : lt gy, glauc, f, cem		0076-2L
				tr Ca : pl y brn		0076-3L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2463.00						0077
				50 Sh/Clst: m gy to drk gy		0077-1L
				50 S/Sst : lt gy, glauc, f, cem		0077-2L
				tr Ca : pl y brn		0077-3L
2472.00						0078
				50 Sh/Clst: m gy to drk gy		0078-1L
				50 S/Sst : lt gy, glauc, f, cem		0078-2L
				tr Ca : pl y brn		0078-3L
2481.00						0079
				80 S/Sst : lt gy, glauc, f, cem		0079-2L
				10 Sh/Clst: m gy to drk gy		0079-1L
				10 Ca : pl y brn		0079-3L
2490.00						0080
				70 S/Sst : lt gy, glauc, f, cem		0080-2L
				20 Sh/Clst: m gy to drk gy		0080-1L
				10 Ca : pl y brn		0080-3L
2499.00						0081
				50 Sh/Clst: m gy to drk gy		0081-1L
				50 S/Sst : lt gy, glauc, f, cem		0081-2L
				tr Ca : pl y brn		0081-3L
2508.00						0082
				60 Sh/Clst: m gy to drk gy		0082-1L
				40 S/Sst : lt gy, glauc, f, cem		0082-2L
				tr Ca : pl y brn		0082-3L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int	Cvd	TOC%	Lithology description				
2517.00						0083	
			80	Sh/Clst:	m gy to drk gy	0083-1L	
			20	S/Sst	: lt gy, glauc, f, cem	0083-2L	
			tr	Ca	: pl y brn	0083-3L	
2520.00	swc					0047	
	0.79	100	Sh/Clst:	drk gy		0047-1L	
2526.00						0084	
			90	Sh/Clst:	m gy to drk gy	0084-1L	
			10	S/Sst	: lt gy, glauc, f, cem	0084-2L	
			tr	Ca	: pl y brn	0084-3L	
2535.00						0085	
			90	Sh/Clst:	drk gy	0085-1L	
			10	S/Sst	: lt gy, pyr, glauc, f, cem	0085-2L	
			tr	Ca	: pl y brn	0085-3L	
2544.00						0086	
			95	Sh/Clst:	drk gy	0086-1L	
			5	S/Sst	: lt gy, pyr, glauc, f, cem	0086-2L	
			tr	Ca	: pl y brn	0086-3L	
2550.00	swc					0048	
			100	Sh/Clst:	drk gy to gy blk, pyr	0048-1L	

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2553.00						0087	
		95	Sh/Clst:	drk gy		0087-1L	
		5	Cont	: prp		0087-4L	
		tr	S/Sst	: lt gy, pyr, glauc, f		0087-2L	
		tr	Ca	: pl y brn		0087-3L	
2562.00						0088	
		100	Sh/Clst:	drk gy		0088-1L	
		tr	S/Sst	: lt gy, pyr, glauc, f		0088-2L	
		tr	Ca	: pl y brn		0088-3L	
2571.00						0089	
		100	Sh/Clst:	drk gy		0089-1L	
		tr	S/Sst	: lt gy, pyr, glauc, f		0089-2L	
2580.00						0090	
		100	Sh/Clst:	drk gy		0090-1L	
		tr	S/Sst	: lt gy, pyr, glauc, f		0090-2L	
		tr	Ca	: pl y brn, dol		0090-3L	
2589.00						0091	
		100	Sh/Clst:	drk gy		0091-1L	
		tr	S/Sst	: lt gy, pyr, glauc, f		0091-2L	
		tr	Ca	: pl y brn, dol		0091-3L	
2590.00 swc						0049	
		100	Sh/Clst:	drk gy to drk brn gy		0049-1L	

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2598.00						0092	
		90	Sh/Clst: drk gy			0092-1L	
		10	S/Sst : lt gy, pyr, glauc, f			0092-2L	
		tr	Ca : pl y brn, dol			0092-3L	
2605.00	swc					0050	
	1.08	100	Sh/Clst: drk gy			0050-1L	
2607.00						0093	
		100	Sh/Clst: drk gy			0093-1L	
		tr	S/Sst : lt gy, pyr, glauc, f			0093-2L	
		tr	Ca : pl y brn, dol			0093-3L	
2616.00						0094	
		95	Sh/Clst: drk gy			0094-1L	
		5	S/Sst : lt gy, pyr, glauc, f			0094-2L	
		tr	Ca : pl y brn, dol			0094-3L	
2625.00						0095	
		100	Sh/Clst: drk gy			0095-1L	
		tr	S/Sst : lt gy, pyr, glauc, f			0095-2L	
		tr	Ca : pl y brn, dol			0095-3L	
2634.00						0096	
		100	Sh/Clst: drk gy			0096-1L	
		tr	S/Sst : lt gy, pyr, glauc, f			0096-2L	
		tr	Ca : pl y brn, dol			0096-3L	

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2635.00	swc					0051
			100	Sh/Clst: gy red to gn gy to brn gy, calc		0051-1L
2643.00						0097
			100	Sh/Clst: drk gy		0097-1L
				tr S/Sst : lt gy, pyr, glauc, f		0097-2L
				tr Ca : pl y brn, dol		0097-3L
2652.00						0098
			100	Sh/Clst: drk gy		0098-1L
				tr S/Sst : lt gy, pyr, glauc, f		0098-2L
				tr Ca : pl y brn, dol		0098-3L
2659.00	swc					0052
			100	Sh/Clst: gy red to gn gy to brn gy, calc		0052-1L
2661.00						0099
			60	Sh/Clst: gy red to lt gy to lt gn gy, calc		0099-3L
			30	Sh/Clst: gy blk to drk gy		0099-1L
			10	S/Sst : lt gy to gy red		0099-2L
2664.00	swc					0053
	6.40		100	Sh/Clst: brn blk, carb, pyr, slt		0053-1L
2668.00	swc					0054
	1.68		100	Sh/Clst: brn blk, calc, carb, pyr		0054-1L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2670.00						0100
				40 Sh/Clst: gy red to lt gy to lt gn gy, calc		0100-3L
				30 Sh/Clst: drk gy		0100-4L
				25 Sh/Clst: blk to gy blk		0100-1L
				5 S/Sst : lt gy to gy red		0100-2L
2674.00	swc					0055
				70 Sh/Clst: lt ol gy to m gy, calc		0055-1L
				30 Ca : w to pu		0055-2L
2679.00	swc					0056
				100 Sh/Clst: red brn, calc		0056-1L
2679.00						0101
				45 Sh/Clst: gy red to lt gy to lt gn gy, calc		0101-3L
				45 Ca : gy red to lt gy		0101-5L
				10 Sh/Clst: blk to gy blk		0101-1L
				tr S/Sst : lt gy to gy red		0101-2L
				tr Sh/Clst: drk gy		0101-4L
2681.00	ccp					0124
		0.61	100	S/Sst : lt gy to brn gy, calc, glauc, cem		0124-1L
2682.00	ccp					0125
		1.44	100	S/Sst : lt gy to brn gy, calc, glauc, cem		0125-1L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2683.00	swc					0057
	0.51	100	S/Sst	: lt gy to drk gy, calc, cly, cem		0057-1L
2683.00	ccp					0126
	0.32	100	S/Sst	: lt gy to brn gy, calc, glauc, cem		0126-1L
2684.00	ccp					0127
	0.73	100	S/Sst	: lt gy to brn gy, calc, glauc, cem		0127-1L
2685.00	ccp					0128
	1.14	100	S/Sst	: lt gy to brn gy, calc, glauc, cem		0128-1L
2686.00	ccp					0129
	0.03	100	S/Sst	: lt gy, calc, glauc, cem		0129-1L
2688.00						0102
			80	S/Sst : w to lt gy, l		0102-2L
cvd			5	Sh/Clst: blk to gy blk		0102-1L
cvd			5	Sh/Clst: gy red to lt gy to lt gn gy, calc		0102-3L
cvd			5	Sh/Clst: drk gy		0102-4L
cvd			5	Ca : gy red to lt gy		0102-5L
2689.00	ccp					0130
	0.01	100	S/Sst	: lt gy, calc, glauc, cem		0130-1L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2692.00	ccp					0131
	0.01	100	S/Sst	: lt gy, calc, glauc, cem		0131-1L
2695.00	ccp					0132
	0.01	100	S/Sst	: lt gy, calc, glauc, cem		0132-1L
2697.00						0103
		100	S/Sst	: w to lt gy, l		0103-2L
cvd			tr Sh/Clst:	blk to gy blk		0103-1L
cvd			tr Sh/Clst:	gy red to lt gy to lt gn gy, calc		0103-3L
cvd			tr Sh/Clst:	drk gy		0103-4L
cvd			tr Ca	: gy red to lt gy		0103-5L
2698.00	ccp					0133
	0.01	100	S/Sst	: lt gy, glauc, cem		0133-1L
2701.00	ccp					0134
	0.01	100	S/Sst	: lt gy, glauc, cem		0134-1L
2704.00	ccp					0135
	0.01	100	S/Sst	: lt gy, glauc, cem		0135-1L
2706.00						0104
		100	S/Sst	: w to lt gy, l		0104-1L
cvd			tr Sh/Clst:	gy red to lt gy to lt gn gy, calc		0104-2L
cvd			tr Sh/Clst:	drk gy		0104-3L
cvd			tr Ca	: gy red to lt gy		0104-4L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2707.00	ccp					0136
	0.01	100	S/Sst	: lt gy, glauc, cem		0136-1L
2710.00	ccp					0137
	0.02	100	S/Sst	: lt gy, glauc, cem		0137-1L
2713.00	ccp					0138
	0.01	100	S/Sst	: lt gy, glauc, cem		0138-1L
2715.00						0105
			90	S/Sst : w to lt gy, l		0105-1L
	cvd		10	Sh/Clst: drk gy to blk		0105-3L
	cvd		tr	Sh/Clst: gy red to lt gy to lt gn gy, calc		0105-2L
	cvd		tr	Ca : gy red to lt gy		0105-4L
2716.00	ccp					0139
	0.01	100	S/Sst	: lt gy, glauc, cem		0139-1L
2719.00	ccp					0140
	0.01	100	S/Sst	: lt gy, glauc, cem		0140-1L
2722.00	ccp					0141
	0.04	100	Ca	: w to lt gy, s, glauc		0141-1L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2724.00						0106
	cvd		100	S/Sst : w to lt gy, l		0106-1L
	cvd			tr Sh/Clst: gy red to lt gy to lt gn gy, calc		0106-2L
	cvd			tr Sh/Clst: drk gy to blk		0106-3L
	cvd			tr Ca : gy red to lt gy		0106-4L
2725.00	ccp					0142
		0.20	100	S/Sst : m gy to drk gy, calc, cly, cem, glauc		0142-1L
2728.00	ccp					0143
		0.17	100	S/Sst : m gy to drk gy, calc, carb, cly, cem, glauc		0143-1L
2731.00	ccp					0144
		0.18	100	Sltst : m gy to drk gy, calc, s, cem, glauc		0144-1L
2733.00						0107
	cvd		100	S/Sst : w to lt gy, l		0107-1L
	cvd			tr Sh/Clst: gy red to lt gy to lt gn gy, calc		0107-2L
	cvd			tr Sh/Clst: drk gy		0107-3L
	cvd			tr Ca : gy red to lt gy		0107-4L
2734.00	ccp					0145
		0.36	100	Sltst : m gy to drk gy, calc, s, cem, glauc		0145-1L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2736.00	ccp					0146
		2.56	100	Sh/Clst: m gy to drk gy, calc, s, glauc		0146-1L
2741.00	ccp					0147
		0.02	100	Ca : w, s, glauc		0147-1L
2742.00						0108
	cvd			50 Sh/Clst: drk gy to blk		0108-3L
	cvd			30 Sh/Clst: gy red to lt gy to lt gn gy, calc		0108-2L
				10 S/Sst : w to lt gy, l		0108-1L
	cvd			10 Ca : gy red to lt gy		0108-4L
				tr Cont : prp		0108-5L
2744.00	ccp					0148
		0.08	100	S/Sst : lt gy to m gy, cem, glauc		0148-1L
2751.00				--		0109
	cvd			50 Sh/Clst: drk gy to blk		0109-3L
	cvd			30 Sh/Clst: gy red to lt gy to lt gn gy, calc		0109-2L
				10 S/Sst : w to lt gy, l		0109-1L
	cvd			10 Ca : gy red to lt gy		0109-4L
				tr Cont : prp		0109-5L
2757.50	swc					0058
		7.07	100	Sh/Clst: brn blk, calc, pyr		0058-1L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2760.00						0110
	cvd	6.32	95	Sh/Clst: brn blk, mic		0110-6L
	cvd		5	Sh/Clst: gy red to lt gy to lt gn gy, calc		0110-2L
	cvd		tr	S/Sst : w to lt gy, l		0110-1L
	cvd		tr	Sh/Clst: drk gy to blk		0110-3L
	cvd		tr	Ca : gy red to lt gy		0110-4L
			tr	Cont : prp		0110-5L
2765.00	swc					0059
		2.87	100	Sh/Clst: brn blk, calc		0059-1L
2769.00						0111
	cvd	4.51	90	Sh/Clst: brn blk, mic		0111-6L
	cvd		5	Sh/Clst: gy red to lt gy to lt gn gy, calc		0111-2L
	cvd		5	Ca : gy red to lt gy		0111-4L
	cvd		tr	S/Sst : w to lt gy, l		0111-1L
	cvd		tr	Sh/Clst: drk gy to blk		0111-3L
			tr	Cont : prp		0111-5L
2778.00						0112
	cvd	2.51	100	Sh/Clst: brn blk, mic		0112-6L
	cvd		tr	S/Sst : w to lt gy, l		0112-1L
	cvd		tr	Sh/Clst: gy red to lt gy to lt gn gy, calc		0112-2L
	cvd		tr	Sh/Clst: drk gy to blk		0112-3L
	cvd		tr	Ca : gy red to lt gy		0112-4L
			tr	Cont : prp		0112-5L
2787.00						0113
			100	No Mat.		0113-1L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2796.00						0114
	cvd	2.10	100	Sh/Clst: brn blk, mic		0114-3L
	cvd			tr Sh/Clst: gy red to lt gy to lt gn gy, calc		0114-1L
				tr Ca : gy red to lt gy		0114-2L
2800.00	swc					0060
		1.61	100	Ca : dsk y brn, dol		0060-1L
2805.00						0115
	cvd	1.71	100	Sh/Clst: drk y brn to brn blk, mic		0115-2L
				tr Sh/Clst: gy red to lt gy to lt gn gy, calc		0115-1L
2814.00						0116
		2.19	100	Sh/Clst: drk y brn to brn blk, mic		0116-1L
2823.00						0117
	cvd		90	Sh/Clst: drk y brn to brn blk, mic		0117-1L
			10	S/Sst : w to lt gy		0117-2L
				tr Ca : w		0117-3L
2832.00						0118
	cvd		90	Sh/Clst: drk y brn to brn blk, mic		0118-1L
			10	S/Sst : w to lt gy		0118-2L
				tr Ca : w		0118-3L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2835.00	swc					0061
		0.46	100	S/Sst : lt gy to ol gy, cly, mic		0061-1L
2841.00						0119
	cvd			80 Sh/Clst: drk y brn to brn blk, mic		0119-1L
				20 S/Sst : w to lt gy		0119-2L
				tr Ca : w		0119-3L
2850.00	swc					0062
		0.32	100	S/Sst : lt gy		0062-1L
2850.00						0120
	cvd			60 Sh/Clst: drk y brn to brn blk, mic		0120-1L
				40 S/Sst : w to lt gy		0120-2L
				tr Ca : w		0120-3L
2859.00						0121
	cvd			60 Sh/Clst: drk y brn to brn blk, mic		0121-1L
		0.46		40 S/Sst : w to lt gy		0121-2L
	cvd			tr Sh/Clst: gy red		0121-3L
2865.00	swc					0063
		1.41	100	Sh/Clst: dsk y brn, slt		0063-1L
2868.00						0122
	cvd			50 S/Sst : w to lt gy		0122-2L
				20 Sh/Clst: drk y brn to brn blk, mic		0122-1L
				20 Coal : blk		0122-5L
				10 Sh/Clst: m gy		0122-4L
	cvd			tr Sh/Clst: gy red		0122-3L

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Table 2 : Lithology description for well NOCS 33/9-16

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2870.00						0123
		49.24	60	S/Sst	: w to lt gy	0123-2L
			30	Coal	: blk	0123-5L
	cvd		5	Sh/Clst:	drk y brn to brn blk, mic	0123-1L
			5	Sh/Clst:	m gy	0123-4L
	cvd		tr	Sh/Clst:	gy red	0123-3L

Table 3 : Rock-Eval table for well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1090.00	cut	Sh/Clst: brn gy	0.54	3.05	0.87	3.51	1.55	197	56	3.6	0.15	412	0016-4L
1170.00	cut	Sh/Clst: brn gy	0.62	4.39	1.05	4.18	1.62	271	65	5.0	0.12	413	0018-1L
1290.00	cut	Sh/Clst: ol gy	0.04	0.26	0.95	0.27	0.69	38	138	0.3	0.13	384	0021-1L
1370.00	cut	Sh/Clst: ol gy	0.03	0.22	1.00	0.22	0.45	49	222	0.3	0.12	408	0023-1L
1490.00	cut	Sh/Clst: ol gy	0.01	0.15	1.00	0.15	0.38	39	263	0.2	0.06	400	0026-1L
1570.00	cut	Sh/Clst: ol gy	0.01	0.09	0.76	0.12	0.42	21	181	0.1	0.10	406	0028-1L
1690.00	cut	Sh/Clst: brn gy to ol gy to drk y brn	0.02	0.19	0.84	0.23	0.42	45	200	0.2	0.10	423	0031-1L
1770.00	cut	Sh/Clst: brn gy to m brn gy to m lt gy	0.01	0.33	0.84	0.39	0.33	100	255	0.3	0.03	374	0033-1L
1890.00	cut	Sh/Clst: brn gy to m brn gy to ol gy	0.02	0.27	0.39	0.69	0.40	68	98	0.3	0.07	426	0036-1L
2090.00	cut	Sh/Clst: m gy	0.02	0.28	0.65	0.43	0.55	51	118	0.3	0.07	421	0041-2L
2170.00	cut	Sh/Clst: m gy to drk gy	0.02	0.20	0.54	0.37	0.49	41	110	0.2	0.09	416	0065-1L
2290.00	cut	Sh/Clst: ol gy to m gy	0.02	0.19	0.33	0.58	0.39	49	85	0.2	0.10	412	0068-1L
2380.00	swc	Sh/Clst: ol gy to drk gy	0.16	1.07	0.18	5.94	1.02	105	18	1.2	0.13	432	0045-1L

Table 3 : Rock-Eval table for well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2425.00	swc	Sh/Clst: drk gy	0.09	1.01	0.14	7.21	0.63	160	22	1.1	0.08	420	0046-1L
2520.00	swc	Sh/Clst: drk gy	0.06	0.67	0.30	2.23	0.79	85	38	0.7	0.08	384	0047-1L
2605.00	swc	Sh/Clst: drk gy	0.05	0.43	0.51	0.84	1.08	40	47	0.5	0.10	398	0050-1L
2664.00	swc	Sh/Clst: brn blk	1.04	25.55	0.19	134.47	6.40	399	3	26.6	0.04	426	0053-1L
2668.00	swc	Sh/Clst: brn blk	0.14	0.80	1.12	0.71	1.68	48	67	0.9	0.15	435	0054-1L
2681.00	ccp	S/Sst : lt gy to brn gy	5.23	1.47	0.15	9.80	0.61	241	25	6.7	0.78	415	0124-1L
2682.00	ccp	S/Sst : lt gy to brn gy	12.44	4.11	0.07	58.71	1.44	285	5	16.5	0.75	412	0125-1L
2683.00	swc	S/Sst : lt gy to drk gy	0.21	0.26	0.56	0.46	0.51	51	110	0.5	0.45	418	0057-1L
2683.00	ccp	S/Sst : lt gy to brn gy	2.80	0.89	0.14	6.36	0.32	278	44	3.7	0.76	415	0126-1L
2684.00	ccp	S/Sst : lt gy to brn gy	6.92	1.52	0.06	25.33	0.73	208	8	8.4	0.82	411	0127-1L
2685.00	ccp	S/Sst : lt gy to brn gy	11.34	1.91	0.07	27.29	1.14	168	6	13.3	0.86	412	0128-1L
2686.00	ccp	S/Sst : lt gy	0.20	0.24	0.08	3.00	0.03	800	267	0.4	0.45	500	0129-1L
2689.00	ccp	S/Sst : lt gy	0.06	0.12	0.07	1.71	0.01	1200	700	0.2	0.33	511	0130-1L
2692.00	ccp	S/Sst : lt gy	0.06	0.05	0.11	0.45	0.01	500	1100	0.1	0.55	379	0131-1L
2695.00	ccp	S/Sst : lt gy	0.04	0.05	0.06	0.83	0.01	500	600	0.1	0.44	345	0132-1L

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2698.00	ccp	S/Sst : lt gy	0.03	0.02	0.03	0.67	0.01	200	300	0.1	0.60	321	0133-1L
2701.00	ccp	S/Sst : lt gy	0.04	0.05	0.03	1.67	0.01	500	300	0.1	0.44	354	0134-1L
2704.00	ccp	S/Sst : lt gy	0.04	0.12	0.07	1.71	0.01	1200	700	0.2	0.25	497	0135-1L
2707.00	ccp	S/Sst : lt gy	0.04	0.08	0.07	1.14	0.01	800	700	0.1	0.33	424	0136-1L
2710.00	ccp	S/Sst : lt gy	0.04	0.10	0.04	2.50	0.02	500	200	0.1	0.29	462	0137-1L
2713.00	ccp	S/Sst : lt gy	0.03	0.10	0.02	5.00	0.01	1000	200	0.1	0.23	421	0138-1L
2716.00	ccp	S/Sst : lt gy	0.04	0.07	0.03	2.33	0.01	700	300	0.1	0.36	422	0139-1L
2719.00	ccp	S/Sst : lt gy	0.04	0.08	0.02	4.00	0.01	800	200	0.1	0.33	461	0140-1L
2722.00	ccp	Ca : w to lt gy	0.05	0.09	0.14	0.64	0.04	225	350	0.1	0.36	428	0141-1L
2725.00	ccp	S/Sst : m gy to drk gy	0.09	0.35	0.14	2.50	0.20	175	70	0.4	0.20	424	0142-1L
2728.00	ccp	S/Sst : m gy to drk gy	0.07	0.34	0.11	3.09	0.17	200	65	0.4	0.17	424	0143-1L
2731.00	ccp	Sltst : m gy to drk gy	0.11	0.48	0.11	4.36	0.18	267	61	0.6	0.19	423	0144-1L
2734.00	ccp	Sltst : m gy to drk gy	0.10	0.99	0.14	7.07	0.36	275	39	1.1	0.09	425	0145-1L
2736.00	ccp	Sh/Clst: m gy to drk gy	0.80	13.94	0.23	60.61	2.56	545	9	14.7	0.05	418	0146-1L
2741.00	ccp	Ca : w	0.03	0.06	0.18	0.33	0.02	300	900	0.1	0.33	443	0147-1L

Table 3 : Rock-Eval table for well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2744.00	ccp	S/Sst : lt gy to m gy	0.01	0.03	0.10	0.30	0.08	38	125	-	0.25	339	0148-1L
2757.50	swc	Sh/Clst: brn blk	0.94	32.70	0.64	51.09	7.07	463	9	33.6	0.03	422	0058-1L
2760.00	cut	Sh/Clst: brn blk	0.74	25.67	0.42	61.12	6.32	406	7	26.4	0.03	426	0110-6L
2765.00	swc	Sh/Clst: brn blk	0.20	2.46	1.09	2.26	2.87	86	38	2.7	0.08	440	0059-1L
2769.00	cut	Sh/Clst: brn blk	0.58	20.21	0.23	87.87	4.51	448	5	20.8	0.03	428	0111-6L
2778.00	cut	Sh/Clst: brn blk	0.24	5.88	0.43	13.67	2.51	234	17	6.1	0.04	437	0112-6L
2796.00	cut	Sh/Clst: brn blk	0.23	8.28	0.37	22.38	2.10	394	18	8.5	0.03	439	0114-3L
2800.00	swc	Ca : dsk y brn	0.12	0.91	4.10	0.22	1.61	57	255	1.0	0.12	433	0060-1L
2805.00	cut	Sh/Clst: drk y brn to brn blk	0.22	6.68	0.46	14.52	1.71	391	27	6.9	0.03	435	0115-2L
2814.00	cut	Sh/Clst: drk y brn to brn blk	0.24	8.07	0.41	19.68	2.19	368	19	8.3	0.03	435	0116-1L
2835.00	swc	S/Sst : lt gy to ol gy	0.13	0.35	1.98	0.18	0.46	76	430	0.5	0.27	432	0061-1L
2850.00	swc	S/Sst : lt gy	0.11	0.30	0.56	0.54	0.32	94	175	0.4	0.27	424	0062-1L
2859.00	cut	S/Sst : w to lt gy	0.03	0.22	0.12	1.83	0.46	48	26	0.3	0.12	433	0121-2L
2865.00	swc	Sh/Clst: dsk y brn	0.19	2.27	1.51	1.50	1.41	161	107	2.5	0.08	434	0063-1L
2870.00	cut	Coal : blk	11.15	183.65	2.69	68.27	49.24	373	5	194.8	0.06	432	0123-5L

Table 4 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
1090.00	cut	Sh/Clst: brn gy	3.26	20.67	53.10	22.96	3.05	0016-4L
1170.00	cut	Sh/Clst: brn gy	2.93	14.23	44.50	38.34	4.39	0018-1L
2681.00	ccp	S/Sst : lt gy to brn gy	1.50	26.68	57.65	14.16	1.47	0124-1L
2682.00	ccp	S/Sst : lt gy to brn gy	1.44	27.65	55.43	15.48	4.11	0125-1L
2683.00	ccp	S/Sst : lt gy to brn gy	1.89	24.70	56.45	16.96	0.89	0126-1L
2684.00	ccp	S/Sst : lt gy to brn gy	1.89	27.49	56.22	14.39	1.52	0127-1L
2685.00	ccp	S/Sst : lt gy to brn gy	1.93	27.94	54.57	15.57	1.91	0128-1L
2686.00	ccp	S/Sst : lt gy	0.99	18.07	71.31	9.62	0.24	0129-1L
2701.00	ccp	S/Sst : lt gy	1.18	21.81	68.27	8.75	0.05	0134-1L
2713.00	ccp	S/Sst : lt gy	1.70	21.38	65.07	11.84	0.10	0138-1L
2722.00	ccp	Ca : w to lt gy	3.14	23.08	61.13	12.65	0.09	0141-1L
2731.00	ccp	Sltst : m gy to drk gy	6.56	24.41	48.72	20.31	0.48	0144-1L
2736.00	ccp	Sh/Clst: m gy to drk gy	2.76	11.86	29.49	55.89	13.94	0146-1L
2757.50	swc	Sh/Clst: brn blk	3.72	12.30	27.62	56.36	32.70	0058-1L

Table 4 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2769.00	cut	Sh/Clst: brn blk	3.71	12.45	29.87	53.96	20.21	0111-6L

Table 5: GHM Analyses from Well NOCS 33/9-16

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Depth	Type	Litholog	S1	S2	PP	PI	Tmax
2200	CUT	CLST	0.34	0.40	0.74	0.46	433
2210	CUT	CLST	0.05	0.46	0.52	0.10	432
2220	CUT	CLST	0.41	0.22	0.63	0.65	420
2230	CUT	CLST	0.11	0.14	0.25	0.44	423
2240	CUT	CLST	0.08	0.24	0.33	0.26	433
2250	CUT	CLST	0.04	0.26	0.30	0.14	415
2260	CUT	CLST	0.12	0.35	0.48	0.26	443
2270	CUT	CLST	0.14	0.22	0.36	0.39	422
2280	CUT	CLST	0.13	0.31	0.44	0.29	428
2300	CUT	CLST	0.35	0.45	0.81	0.44	418
2310	CUT	CLST	0.16	0.17	0.33	0.49	436
2330	CUT	CLST	0.15	0.55	0.70	0.22	427
2427	CUT	CLST	0.17	0.82	0.99	0.17	437
2436	CUT	DOLOMITE	0.03	0.29	0.32	0.10	456
2463	CUT	CLST	0.75	2.66	3.40	0.22	435
2490	CUT	CLST	0.15	1.15	1.30	0.12	433
2502	CUT	CLST	0.11	1.88	1.99	0.06	433
2511	CUT	CLST	0.12	1.51	1.63	0.07	433
2520	CUT	CLST	0.11	0.71	0.82	0.13	432
2529	CUT	CLST	0.07	0.49	0.56	0.12	432
2538	CUT	CLST	0.14	0.86	1.00	0.14	435
2565	CUT	CLST	0.06	0.50	0.56	0.10	432
2580	CUT	CLST	0.06	0.54	0.60	0.10	432
2601	CUT	CLST	0.07	0.42	0.49	0.14	432
2619	CUT	CLST	0.09	0.46	0.55	0.17	433
2637	CUT	CLST	0.10	0.53	0.63	0.16	432
2646	CUT	CLST	0.21	0.23	0.44	0.49	432
2652	CUT	LS/MARL	0.06	0.00	0.06	1.00	86
2660	CUT	CLST	0.09	0.17	0.26	0.36	364
2667	CUT	CLST	0.38	2.43	2.81	0.13	433
2673	CUT	CLST/LS	0.38	0.70	1.09	0.35	434
2679	CUT	LST	0.21	0.00	0.21	1.00	86
2681	CCP	SST	2.94	0.87	3.81	0.77	410
2681	CUT	LST	1.73	1.19	2.92	0.59	413
2689	CCP	SST	0.08	0.00	0.08	1.00	86
2698	CCP	SST	0.05	0.07	0.13	0.43	432
2707	CCP	SST	0.08	0.05	0.13	0.63	429
2707	CCP	SST	0.33	0.19	0.52	0.63	428
2716	CCP	SST	0.08	0.05	0.13	0.64	427
2724	CCP	SST	0.11	0.36	0.47	0.23	428
2727	CCP	SST	0.14	0.48	0.63	0.23	429
2730	CCP	SST	0.12	0.83	0.95	0.13	428
2734	CCP	SST	0.40	1.59	1.99	0.20	430
2735	CCP	SST	0.59	5.00	5.59	0.11	427
2739	CCP	SST	0.64	5.30	5.94	0.11	428
2743	CCP	SST	0.04	0.05	0.09	0.48	86
2746	CCP	CLST	3.39	41.11	44.50	0.08	412
2748.5	CCP	CLST	2.32	36.01	38.34	0.06	421
2751	CUT	CLST	1.84	22.72	24.56	0.07	428
2757	CUT	CLST	1.91	24.18	26.09	0.07	431
2775	CUT	CLST	0.20	0.57	0.77	0.26	428

Table 5: GHM Analyses from Well NOCS 33/9-16

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Depth	Type	Litholog	S1	S2	PP	PI	Tmax
2820	CUT	SST	0.23	0.61	0.84	0.27	428
2835	CUT	SST	0.11	0.41	0.53	0.22	431
2841	CUT	SST	0.17	0.50	0.67	0.25	427
2847	CUT	CLST	0.30	1.85	2.15	0.14	427
2853	CUT	SST	0.13	0.54	0.67	0.20	428
2865	CUT	SST	0.07	0.29	0.36	0.19	428
2870	CUT	SST	0.14	0.69	0.83	0.17	429

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
1170.00	cut	Sh/Clst: brn gy	15.4	3.6	0.5	0.2	0.8	2.1	0.7	2.9	1.67	0018-1L
2409.00	com	Composite sample - see table 6 e	21.0	5.1	1.1	1.2	0.8	2.0	2.3	2.8	0.96	0149-0B
2670.00	com	Composite sample - see table 6 e	17.2	4.0	0.8	1.1	0.6	1.5	1.9	2.1	1.50	0154-0B
2681.00	ccp	S/Sst : lt gy to brn gy	12.7	52.8	29.4	16.1	1.6	5.7	45.5	7.3	0.44	0124-1L
2682.00	ccp	S/Sst : lt gy to brn gy	13.5	126.3	78.8	26.6	2.9	18.0	105.4	20.9	0.81	0125-1L
2683.00	com	Composite sample - see table 6 e	23.9	95.6	56.8	23.8	4.4	10.6	80.6	15.0	0.29	0150-0B
2684.00	ccp	S/Sst : lt gy to brn gy	13.1	65.8	41.0	14.3	1.5	9.0	55.3	10.5	0.45	0127-1L
2685.00	ccp	S/Sst : lt gy to brn gy	13.5	139.9	79.0	33.7	5.0	22.2	112.7	27.2	0.80	0128-1L
2686.00	ccp	S/Sst : lt gy	14.6	1.4	-	-	-	-	-	-	0.15	0129-1L
2731.00	ccp	Sltst : m gy to drk gy	14.2	8.6	3.9	2.4	0.9	1.4	6.3	2.3	0.42	0144-1L
2736.00	ccp	Sh/Clst: m gy to drk gy	16.8	22.3	5.4	6.6	2.2	8.1	12.0	10.3	2.23	0146-1L
2757.50	swc	Sh/Clst: brn blk	21.0	12.7	1.6	4.1	2.4	4.6	5.7	7.0	8.78	0058-1L
2778.00	com	Composite sample - see table 6 e	12.8	22.4	3.1	7.3	5.8	6.2	10.4	12.0	5.90	0151-0B
2800.00	swc	Ca : dsk y brn	7.3	2.1	0.6	0.8	0.1	0.6	1.4	0.7	1.60	0060-1L

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
2841.00	com	Composite sample - see table 6 e	12.4	3.7	0.5	0.5	1.3	1.4	1.0	2.7	0.62	0152-0B
2850.00	com	Composite sample - see table 6 e	16.4	4.8	2.0	0.8	0.9	1.1	2.8	2.0	0.40	0153-0B
2870.00	cut	Coal : blk	1.7	49.6	2.4	10.6	29.4	7.2	13.0	36.6	58.10	0123-5L

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1170.00	cut	Sh/Clst: brn gy	233	32	12	51	136	45	187	0018-1L
2409.00	com	Composite sample - see table 6 e	242	52	57	38	95	109	133	0149-0B
2670.00	com	Composite sample - see table 6 e	232	46	63	34	87	110	121	0154-0B
2681.00	ccp	S/Sst : lt gy to brn gy	4167	2320	1270	126	449	3591	576	0124-1L
2682.00	ccp	S/Sst : lt gy to brn gy	9348	5832	1968	214	1332	7801	1547	0125-1L
2683.00	com	Composite sample - see table 6 e	3993	2372	994	183	442	3366	626	0150-0B
2684.00	ccp	S/Sst : lt gy to brn gy	5003	3117	1087	114	684	4205	798	0127-1L
2685.00	ccp	S/Sst : lt gy to brn gy	10386	5864	2501	371	1648	8366	2019	0128-1L
2686.00	ccp	S/Sst : lt gy	-	-	-	-	-	-	-	0129-1L
2731.00	ccp	Sltst : m gy to drk gy	606	275	169	63	98	444	162	0144-1L
2736.00	ccp	Sh/Clst: m gy to drk gy	1328	321	393	131	482	715	613	0146-1L
2757.50	swc	Sh/Clst: brn blk	604	76	195	114	218	271	333	0058-1L
2778.00	com	Composite sample - see table 6 e	1752	242	571	453	485	813	938	0151-0B
2800.00	swc	Ca : dsk y brn	289	82	110	13	82	193	96	0060-1L

Table 6 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2841.00	com	Composite sample - see table 6 e	298	40	40	104	112	80	217	0152-0B
2850.00	com	Composite sample - see table 6 e	293	122	48	55	67	171	122	0153-0B
2870.00	cut	Coal : blk	28837	1395	6162	17093	4186	7558	21279	0123-5L

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1170.00	cut	Sh/Clst: brn gy	13.96	1.94	0.78	3.10	8.14	2.71	11.25	0018-1L
2409.00	com	Composite sample - see table 6 e	25.25	5.45	5.94	3.96	9.90	11.39	13.86	0149-0B
2670.00	com	Composite sample - see table 6 e	15.48	3.10	4.26	2.32	5.80	7.35	8.13	0154-0B
2681.00	ccp	S/Sst : lt gy to brn gy	947.12	527.37	288.80	28.70	102.25	816.17	130.95	0124-1L
2682.00	ccp	S/Sst : lt gy to brn gy	1154.15	720.09	243.08	26.50	164.49	963.16	190.99	0125-1L
2683.00	com	Composite sample - see table 6 e	1377.01	818.14	342.81	63.38	152.68	1160.95	216.06	0150-0B
2684.00	ccp	S/Sst : lt gy to brn gy	1111.96	692.86	241.66	25.35	152.09	934.52	177.44	0127-1L
2685.00	ccp	S/Sst : lt gy to brn gy	1298.26	733.11	312.73	46.40	206.01	1045.84	252.41	0128-1L
2686.00	ccp	S/Sst : lt gy	0.21	-	-	-	-	-	-	0129-1L
2731.00	ccp	Sltst : m gy to drk gy	144.40	65.48	40.30	15.11	23.51	105.78	38.62	0144-1L
2736.00	ccp	Sh/Clst: m gy to drk gy	59.59	14.43	17.64	5.88	21.65	32.07	27.53	0146-1L
2757.50	swc	Sh/Clst: brn blk	6.88	0.87	2.22	1.30	2.49	3.09	3.79	0058-1L
2778.00	com	Composite sample - see table 6 e	29.71	4.11	9.68	7.69	8.22	13.79	15.91	0151-0B
2800.00	swc	Ca : dsk y brn	18.10	5.17	6.90	0.86	5.17	12.07	6.03	0060-1L

Table 6 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2841.00	com	Composite sample - see table 6 e	48.13	6.50	6.50	16.91	18.21	13.01	35.12	0152-0B
2850.00	com	Composite sample - see table 6 e	73.39	30.58	12.23	13.76	16.82	42.81	30.58	0153-0B
2870.00	cut	Coal : blk	49.63	2.40	10.61	29.42	7.20	13.01	36.62	0123-5L

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	
1170.00	cut	Sh/Clst: brn gy	13.89	5.56	22.22	58.33	19.44	80.56	250.00	24.14	0018-1L
2409.00	com	Composite sample - see table 6 e	21.57	23.53	15.69	39.22	45.10	54.90	91.67	82.14	0149-0B
2670.00	com	Composite sample - see table 6 e	20.00	27.50	15.00	37.50	47.50	52.50	72.73	90.48	0154-0B
2681.00	ccp	S/Sst : lt gy to brn gy	55.68	30.49	3.03	10.80	86.17	13.83	182.61	623.29	0124-1L
2682.00	ccp	S/Sst : lt gy to brn gy	62.39	21.06	2.30	14.25	83.45	16.55	296.24	504.31	0125-1L
2683.00	com	Composite sample - see table 6 e	59.41	24.90	4.60	11.09	84.31	15.69	238.66	537.33	0150-0B
2684.00	ccp	S/Sst : lt gy to brn gy	62.31	21.73	2.28	13.68	84.04	15.96	286.71	526.67	0127-1L
2685.00	ccp	S/Sst : lt gy to brn gy	56.47	24.09	3.57	15.87	80.56	19.44	234.42	414.34	0128-1L
2686.00	ccp	S/Sst : lt gy	-	-	-	-	-	-	-	-	0129-1L
2731.00	ccp	Sltst : m gy to drk gy	45.35	27.91	10.47	16.28	73.26	26.74	162.50	273.91	0144-1L
2736.00	ccp	Sh/Clst: m gy to drk gy	24.22	29.60	9.87	36.32	53.81	46.19	81.82	116.50	0146-1L
2757.50	swc	Sh/Clst: brn blk	12.60	32.28	18.90	36.22	44.88	55.12	39.02	81.43	0058-1L
2778.00	com	Composite sample - see table 6 e	13.84	32.59	25.89	27.68	46.43	53.57	42.47	86.67	0151-0B
2800.00	swc	Ca : dsk y brn	28.57	38.10	4.76	28.57	66.67	33.33	75.00	200.00	0060-1L

Table 6 d: Composition of material extracted from the rock (%) for well NOCS 33/9-16

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	
2841.00	com	Composite sample - see table 6 e	13.51	13.51	35.14	37.84	27.03	72.97	100.00	37.04	0152-0B
2850.00	com	Composite sample - see table 6 e	41.67	16.67	18.75	22.92	58.33	41.67	250.00	140.00	0153-0B
2870.00	cut	Coal : blk	4.84	21.37	59.27	14.52	26.21	73.79	22.64	35.52	0123-5L

Depth unit of measure: m

NOTE: Depths shown in tables 6 a to d correspond to the composite samples' lower depth.

<u>Upper depth</u>	<u>Lower depth</u>	<u>Typ</u>	<u>Sample</u>	<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>Sample</u>
2380.00	2409.00	com	0149-0B is composed of:	2380.00	swc	Sh/Clst: ol gy to drk gy	0045-1L
				2409.00	cut	Sh/Clst: ol gy to drk gy	0071-1L
2668.00	2670.00	com	0154-0B is composed of:	2668.00	swc	Sh/Clst: brn blk, calc, carb, pyr	0054-1L
				2670.00	cut	Sh/Clst: blk to gy blk	0100-1L
2683.00	2683.00	com	0150-0B is composed of:	2683.00	swc	S/Sst : lt gy to drk gy, calc, cly, cem	0057-1L
				2683.00	ccp	S/Sst : lt gy to brn gy, calc, glauc, cem	0126-1L
2769.00	2778.00	com	0151-0B is composed of:	2769.00	cut	Sh/Clst: brn blk, mic	0111-6L
				2778.00	cut	Sh/Clst: brn blk, mic	0112-6L
2832.00	2841.00	com	0152-0B is composed of:	2832.00	cut	S/Sst : w to lt gy	0118-2L
				2835.00	swc	S/Sst : lt gy to ol gy, cly, mic	0061-1L
				2841.00	cut	S/Sst : w to lt gy	0119-2L
2850.00	2850.00	com	0153-0B is composed of:	2850.00	swc	S/Sst : lt gy	0062-1L
				2850.00	cut	S/Sst : w to lt gy	0120-2L

Table 7 : Saturated Hydrocarbon Ratios for well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
1170.00	cut	Sh/Clst: brn gy	0.51	1.23	0.51	0.51	4.10	0018-1L
2409.00	com	bulk	1.52	1.59	1.41	1.27	1.22	0149-0B
2670.00	com	bulk	2.03	3.84	1.58	0.86	1.46	0154-0B
2681.00	ccp	S/Sst : lt gy to brn gy	1.64	1.38	1.62	1.60	1.00	0124-1L
2682.00	ccp	S/Sst : lt gy to brn gy	1.64	1.34	1.62	1.60	1.05	0125-1L
2683.00	com	bulk	1.61	1.33	1.61	1.59	0.93	0150-0B
2684.00	ccp	S/Sst : lt gy to brn gy	1.60	1.37	1.57	1.52	1.06	0127-1L
2685.00	ccp	S/Sst : lt gy to brn gy	1.65	1.37	1.66	1.68	1.27	0128-1L
2731.00	ccp	Sltst : m gy to drk gy	1.57	1.42	1.50	1.41	1.00	0144-1L
2736.00	ccp	Sh/Clst: m gy to drk gy	1.68	1.70	1.43	1.14	1.05	0146-1L
2757.50	swc	Sh/Clst: brn blk	2.56	1.77	2.27	1.89	1.61	0058-1L
2778.00	com	bulk	3.21	2.51	2.43	1.51	1.28	0151-0B
2800.00	swc	Ca : dsk y brn	0.88	1.69	0.66	0.46	1.20	0060-1L
2841.00	com	bulk	0.70	2.07	0.61	0.48	0.77	0152-0B

Table 7 : Saturated Hydrocarbon Ratios for well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
2850.00	com	bulk	0.74	1.55	0.70	0.65	1.36	0153-0B
2870.00	cut	Coal : blk	10.10	7.86	5.82	1.34	1.52	0123-5L

Table 8 : Aromatic Hydrocarbon Ratios for well NOCS 33/9-16

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
1170.00	cut	Sh/Clst: brn gy	-	-	-	0.92	0.55	0.58	0.73	-	-	-	0018-1L
2409.00	com	bulk	-	0.91	-	0.81	0.58	0.60	0.75	-	-	-	0149-0B
2670.00	com	bulk	-	0.33	0.07	0.53	0.36	0.38	0.62	-	1.02	-	0154-0B
2681.00	ccp	S/Sst : lt gy to brn gy	1.21	-	-	-	-	-	-	-	-	-	0124-1L
2682.00	ccp	S/Sst : lt gy to brn gy	1.28	1.16	-	0.97	0.12	0.12	0.47	-	1.21	0.66	0125-1L
2683.00	com	bulk	1.24	0.93	-	-	-	-	-	-	1.35	0.66	0150-0B
2684.00	ccp	S/Sst : lt gy to brn gy	1.24	1.15	-	0.83	0.67	0.63	0.80	0.33	1.59	0.79	0127-1L
2685.00	ccp	S/Sst : lt gy to brn gy	1.26	1.05	-	-	-	-	-	-	1.48	0.66	0128-1L
2731.00	ccp	Sltst : m gy to drk gy	1.08	1.33	-	0.79	0.59	0.64	0.75	0.34	1.29	0.55	0144-1L
2736.00	ccp	Sh/Clst: m gy to drk gy	1.17	1.32	-	0.75	0.59	0.60	0.75	0.45	1.31	0.40	0146-1L
2757.50	swc	Sh/Clst: brn blk	0.63	0.92	-	-	-	-	-	-	-	-	0058-1L
2778.00	com	bulk	0.95	1.15	-	-	-	-	-	-	-	-	0151-0B
2800.00	swc	Ca : dsk y brn	-	-	-	0.87	0.60	0.65	0.76	-	-	-	0060-1L
2841.00	com	bulk	-	1.03	-	0.94	0.48	0.52	0.69	-	-	-	0152-0B
2850.00	com	bulk	-	0.89	-	0.92	0.62	0.63	0.77	-	-	-	0153-0B

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2870.00	cut	Coal : blk	1.26	1.25	0.32	-	0.84	0.99	0.90	-	-	-	0123-5L