

Table 1 : Lithology description for well NOCS 25/7-3

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2049.00	swc					0008	
	1.47	100	Sh/Clst: m gy to drk gy			0008-1L	
2052.00						0051	
	1.24	100	Sh/Clst: m gy tr S/Sst : m gy, f, cem tr Ca : lt gy			0051-1L 0051-2L 0051-3L	
2058.00						0052	
	1.27	100	Sh/Clst: m gy tr S/Sst : m gy, f, cem			0052-1L 0052-2L	
2061.50	swc					0009	
	0.81	100	Sh/Clst: m gy			0009-1L	
2064.00						0053	
	1.09	100	Sh/Clst: m gy tr S/Sst : m gy, f, cem			0053-1L 0053-2L	
2070.00						0054	
	1.23	100	Sh/Clst: m gy tr S/Sst : m gy, f, cem			0054-1L 0054-2L	
2075.50	swc					0010	
	0.48	100	Sh/Clst: lt gy, pyr			0010-1L	
2076.00						0055	
	0.38	100	Sh/Clst: m gy to ol gy tr Ca : drk y brn			0055-1L 0055-2L	

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Int	Cvd	TOC%	%	Lithology description		
2082.00						0056
	0.38	100	Sh/Clst:	m gy to ol gy		0056-1L
			tr Ca	: drk y brn		0056-2L
2088.00						0057
	0.42	100	Sh/Clst:	m gy to ol gy		0057-1L
			tr Ca	: drk y brn		0057-2L
2090.20	swc					0011
	0.77	100	Sh/Clst:	m gy to m gy gn		0011-1L
2092.50	swc					0012
	0.48	100	Sh/Clst:	m gy to lt gy gn, mic		0012-1L
2094.00						0058
	0.30	100	Sh/Clst:	m gy to ol gy		0058-1L
			tr Ca	: drk y brn		0058-2L
2095.50	swc					0013
	0.68	100	Sh/Clst:	lt gn gy, calc		0013-1L
2100.50	ccp					0004
	0.91	100	S/Sst	: m gy to brn gy, f, crs, st, l		0004-1L
2106.55	ccp					0003
	2.80	100	S/Sst	: m gy to brn gy, f, crs, st		0003-1L
2109.00						0059
		70	Sh/Clst:	m gy to ol gy		0059-1L
		30	S/Sst	: w to lt gy, l		0059-2L
			tr Ca	: w, chk		0059-3L

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Int Cvd	TOC%	%	Lithology description				
2117.10	ccp					0002	
	0.18	100	S/Sst	:	w to lt gy w, f, crs, calc, hd	0002-1L	
2117.25	ccp					0020	
	0.48	100	S/Sst	:	w to lt gy w, f	0020-1L	
2117.80	ccp					0001	
	0.10	100	S/Sst	:	w to lt gy w, f, crs, pyr, l, st	0001-1L	
2150.00						0060	
	0.01	50	Sh/Clst:	m gy to ol gy		0060-1L	
		50	S/Sst	:	w to lt gy, l	0060-2L	
		tr Ca	:	w, chk		0060-3L	
2190.00						0061	
	0.03	70	S/Sst	:	w to lt gy, l, cem	0061-2L	
		30	Sh/Clst:	m gy to ol gy		0061-1L	
		tr Ca	:	w, chk		0061-3L	
2230.00						0062	
	0.03	90	S/Sst	:	w to lt gy, l, cem	0062-2L	
		10	Sh/Clst:	m gy to ol gy		0062-1L	
		tr Ca	:	w, chk		0062-3L	
2270.00						0063	
	0.01	90	S/Sst	:	w to lt gy, l, cem	0063-2L	
		10	Sh/Clst:	m gy to ol gy		0063-1L	
		tr Ca	:	w, chk		0063-3L	
2310.00						0064	
	0.01	90	S/Sst	:	w to lt gy, l, cem	0064-2L	
		10	Sh/Clst:	m gy to ol gy		0064-1L	
		tr Ca	:	w, chk		0064-3L	

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Int	Cvd	TOC%	%	Lithology description		
2330.00						0065
				90 S/Sst : w to lt gy, l, cem		0065-2L
				10 Sh/Clst: m gy to ol gy		0065-1L
				tr Ca : w, chk		0065-3L
2350.00						0066
	0.55			50 Sh/Clst: m gy to ol gy		0066-1L
				50 S/Sst : w to lt gy, l, cem		0066-2L
2370.00						0067
	0.54			60 Sh/Clst: m gy to ol gy		0067-1L
				40 S/Sst : w to lt gy, l, cem		0067-2L
2390.00						0068
	0.65			50 Sh/Clst: m gy to ol gy		0068-1L
				50 S/Sst : w to lt gy, l, cem		0068-2L
2410.00						0069
	0.05			80 S/Sst : w to lt gy, l, cem		0069-2L
				20 Sh/Clst: m gy to ol gy		0069-1L
2430.00						0070
	0.60			50 Sh/Clst: m gy to ol gy		0070-1L
				50 S/Sst : w to lt gy, l, cem		0070-2L
2436.00	swc					0014
	0.60	100		Sh/Clst: lt gn to drk gn, m gy		0014-1L
2447.50	swc					0015
	0.76	100		Sh/Clst: m bl gy		0015-1L

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Int	Cvd	TOC%	%	Lithology description		
2450.00						0071
	0.47	80	Sh/Clst:	m gy to ol gy		0071-1L
		20	S/Sst	: w to lt gy, l, cem		0071-2L
2453.50	swc					0016
	1.46	100	Sh/Clst:	m ol gy, pyr, mic, wx		0016-1L
2459.00	swc					0017
	0.97	100	Sh/Clst:	m ol gy, mic, wx		0017-1L
2470.00						0072
	0.39	90	Sh/Clst:	m gy to ol gy		0072-1L
		10	S/Sst	: w to lt gy, l, cem		0072-2L
2471.00	swc					0018
	0.88	100	Sh/Clst:	m ol gy, mic, wx		0018-1L
2483.00	swc					0019
	1.41	100	Sh/Clst:	m ol gy, calc, s, mic		0019-1L
2490.00						0073
	0.57	60	Sh/Clst:	m gy to ol gy		0073-1L
		40	S/Sst	: w to lt gy, l, cem		0073-2L
		tr	Ca	: w, chk		0073-3L
2510.00						0074
	0.05	50	Sh/Clst:	m gy to ol gy		0074-1L
		50	Ca	: w, chk		0074-3L
		tr	S/Sst	: w to lt gy, l, cem		0074-2L

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Depth	Type	Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description			
2530.00						0075
	0.05	90 Ca		: w, chk		0075-3L
		10 Sh/Clst		: m gy to ol gy		0075-1L
		tr S/Sst		: w to lt gy, l, cem		0075-2L

Table 2 : Rock-Eval table for well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1220.00	cut	Sh/Clst: brn gy to m gy	2.15	5.10	1.62	3.15	1.42	359	114	7.3	0.30	346	0021-1L
1240.00	cut	Sh/Clst: brn gy to m gy	2.59	5.44	1.94	2.80	1.58	344	123	8.0	0.32	346	0022-1L
1280.00	cut	Sh/Clst: brn gy to ol gy	4.14	9.29	2.55	3.64	1.55	599	165	13.4	0.31	356	0023-1L
1320.00	cut	Sh/Clst: brn gy to ol gy	0.35	1.83	1.35	1.36	0.72	254	188	2.2	0.16	357	0024-1L
1380.00	cut	Sh/Clst: brn gy to ol gy	0.59	1.68	1.50	1.12	0.58	290	259	2.3	0.26	351	0025-1L
1410.00	cut	Sh/Clst: brn gy to ol gy	0.41	1.21	1.31	0.92	0.57	212	230	1.6	0.25	352	0026-1L
1450.00	cut	Sh/Clst: brn gy to ol gy	0.43	1.42	1.40	1.01	0.39	364	359	1.9	0.23	352	0027-1L
1470.00	cut	Sh/Clst: brn gy to ol gy	0.34	1.13	1.25	0.90	0.50	226	250	1.5	0.23	356	0028-1L
1500.00	cut	Sh/Clst: brn gy to ol gy	0.42	1.65	1.43	1.15	0.39	423	367	2.1	0.20	359	0029-1L
1550.00	cut	Sh/Clst: brn gy to ol gy	0.49	1.60	1.34	1.19	0.59	271	227	2.1	0.23	354	0030-1L
1590.00	cut	Sh/Clst: brn gy to ol gy	1.41	3.52	2.12	1.66	0.89	396	238	4.9	0.29	354	0031-1L
1630.00	cut	Sh/Clst: brn gy to ol gy	0.39	1.80	1.21	1.49	0.85	212	142	2.2	0.18	356	0032-1L
1670.00	cut	Sh/Clst: brn gy to ol gy	0.83	3.11	1.57	1.98	1.20	259	131	3.9	0.21	356	0033-1L
1710.00	cut	Sh/Clst: brn gy to ol gy	0.64	2.67	1.53	1.75	1.07	250	143	3.3	0.19	356	0034-1L
1750.00	cut	Sh/Clst: brn gy to ol gy	0.58	1.70	1.47	1.16	0.68	250	216	2.3	0.25	351	0035-1L
1790.00	cut	Sh/Clst: brn gy to ol gy	0.26	0.69	0.89	0.78	0.40	173	222	0.9	0.27	351	0036-1L

Table 2 : Rock-Eval table for well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1830.00	cut	Sh/Clst: brn gy to ol gy	0.18	0.70	0.99	0.71	0.58	121	171	0.9	0.20	356	0037-1L
1870.00	cut	Sh/Clst: brn gy to ol gy	0.48	1.11	1.25	0.89	0.44	252	284	1.6	0.30	350	0038-1L
1910.00	cut	Sh/Clst: brn gy to ol gy	0.16	0.41	0.71	0.58	0.25	164	284	0.6	0.28	353	0039-1L
1950.00	cut	Sh/Clst: m gy to ol gy	1.34	3.40	1.16	2.93	1.09	312	106	4.7	0.28	350	0040-1L
1992.00	cut	Sh/Clst: m gy to ol gy	0.34	2.21	0.93	2.38	0.73	303	127	2.5	0.13	431	0041-1L
1998.00	cut	Sh/Clst: m gy to ol gy	0.50	2.86	1.05	2.72	0.73	392	144	3.4	0.15	421	0042-1L
2004.00	cut	Sh/Clst: m gy to ol gy	0.67	4.21	0.86	4.90	1.33	317	65	4.9	0.14	423	0043-1L
2010.00	cut	Sh/Clst: m gy	0.74	4.52	1.02	4.43	1.44	314	71	5.3	0.14	422	0044-1L
2016.00	cut	Sh/Clst: m gy	1.22	5.26	1.25	4.21	1.78	296	70	6.5	0.19	426	0045-1L
2022.00	cut	Sh/Clst: m gy	0.67	4.88	1.26	3.87	1.47	332	86	5.6	0.12	432	0046-1L
2026.00	swc	Sh/Clst: m gy	1.02	3.50	0.75	4.67	1.45	241	52	4.5	0.23	426	0006-1L
2028.00	cut	Sh/Clst: m gy	0.61	5.15	1.04	4.95	1.44	358	72	5.8	0.11	430	0047-1L
2034.00	cut	Sh/Clst: m gy	0.63	4.72	1.22	3.87	1.06	445	115	5.3	0.12	432	0048-1L
2037.00	swc	Sh/Clst: m gy	0.89	2.27	0.45	5.04	1.22	186	37	3.2	0.28	416	0007-1L
2040.00	cut	Sh/Clst: m gy	0.51	3.67	1.02	3.60	1.02	360	100	4.2	0.12	430	0049-1L
2046.00	cut	Sh/Clst: m gy	0.94	4.76	1.37	3.47	1.10	433	125	5.7	0.16	426	0050-1L



Table 2 : Rock-Eval table for well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2049.00	swc	Sh/Clst: m gy to drk gy	1.17	2.92	0.69	4.23	1.47	199	47	4.1	0.29	416	0008-1L
2052.00	cut	Sh/Clst: m gy	0.96	5.43	1.44	3.77	1.24	438	116	6.4	0.15	427	0051-1L
2058.00	cut	Sh/Clst: m gy	1.12	5.77	1.64	3.52	1.27	454	129	6.9	0.16	428	0052-1L
2061.50	swc	Sh/Clst: m gy	0.43	1.17	1.27	0.92	0.81	144	157	1.6	0.27	385	0009-1L
2064.00	cut	Sh/Clst: m gy	0.46	3.30	1.27	2.60	1.09	303	117	3.8	0.12	431	0053-1L
2070.00	cut	Sh/Clst: m gy	0.50	3.46	1.76	1.97	1.23	281	143	4.0	0.13	383	0054-1L
2075.50	swc	Sh/Clst: lt gy	0.73	1.64	1.14	1.44	0.48	342	238	2.4	0.31	353	0010-1L
2076.00	cut	Sh/Clst: m gy to ol gy	0.29	1.81	1.41	1.28	0.38	476	371	2.1	0.14	366	0055-1L
2082.00	cut	Sh/Clst: m gy to ol gy	0.15	0.86	1.19	0.72	0.38	226	313	1.0	0.15	363	0056-1L
2088.00	cut	Sh/Clst: m gy to ol gy	0.28	1.28	1.30	0.98	0.42	305	310	1.6	0.18	361	0057-1L
2090.20	swc	Sh/Clst: m gy to m gy gn	0.72	1.64	1.15	1.43	0.77	213	149	2.4	0.31	349	0011-1L
2092.50	swc	Sh/Clst: m gy to lt gy gn	0.87	1.52	0.96	1.58	0.48	317	200	2.4	0.36	347	0012-1L
2094.00	cut	Sh/Clst: m gy to ol gy	0.12	0.62	1.08	0.57	0.30	207	360	0.7	0.16	363	0058-1L
2095.50	swc	Sh/Clst: lt gn gy	1.06	2.88	1.03	2.80	0.68	424	151	3.9	0.27	351	0013-1L
2100.50	ccp	S/Sst : m gy to brn gy	9.82	0.83	0.77	1.08	0.91	91	85	10.6	0.92	377	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	29.25	4.51	0.56	8.05	2.80	161	20	33.8	0.87	348	0003-1L

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Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2117.10	ccp	S/Sst : w to lt gy w	1.09	0.24	0.36	0.67	0.18	133	200	1.3	0.82	392	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	4.68	0.53	0.32	1.66	0.48	110	67	5.2	0.90	419	0020-1L
2117.80	ccp	S/Sst : w to lt gy w	0.49	0.84	0.91	0.92	0.10	840	910	1.3	0.37	585	0001-1L
2150.00	cut	S/Sst : w to lt gy	0.03	0.03	0.28	0.11	0.01	300	2800	0.1	0.50	366	0060-2L
2190.00	cut	S/Sst : w to lt gy	0.15	0.07	0.33	0.21	0.03	233	1100	0.2	0.68	385	0061-2L
2230.00	cut	S/Sst : w to lt gy	-	-	0.12	-	0.03	-	400	-	-	-	0062-2L
2270.00	cut	S/Sst : w to lt gy	-	0.01	0.10	0.10	0.01	100	1000	0.0	-	325	0063-2L
2310.00	cut	S/Sst : w to lt gy	-	-	0.10	-	0.01	-	1000	-	-	-	0064-2L
2330.00	cut	S/Sst : w to lt gy	0.01	0.03	0.25	0.12	-	-	-	0.0	0.25	369	0065-2L
2350.00	cut	Sh/Clst: m gy to ol gy	0.15	0.90	0.95	0.95	0.55	164	173	1.0	0.14	368	0066-1L
2370.00	cut	Sh/Clst: m gy to ol gy	0.17	0.91	0.92	0.99	0.54	169	170	1.1	0.16	366	0067-1L
2390.00	cut	Sh/Clst: m gy to ol gy	0.19	1.10	0.97	1.13	0.65	169	149	1.3	0.15	367	0068-1L
2410.00	cut	S/Sst : w to lt gy	0.02	0.05	0.26	0.19	0.05	100	520	0.1	0.29	368	0069-2L
2430.00	cut	Sh/Clst: m gy to ol gy	0.24	1.26	1.12	1.13	0.60	210	187	1.5	0.16	369	0070-1L
2436.00	swc	Sh/Clst: lt gn to drk gn, m gy	1.45	2.76	1.10	2.51	0.60	460	183	4.2	0.34	344	0014-1L
2447.50	swc	Sh/Clst: m bl gy	1.09	2.71	1.20	2.26	0.76	357	158	3.8	0.29	348	0015-1L

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2450.00	cut	Sh/Clst: m gy to ol gy	0.18	0.97	1.15	0.84	0.47	206	245	1.2	0.16	364	0071-1L
2453.50	swc	Sh/Clst: m ol gy	5.12	4.70	2.84	1.65	1.46	322	195	9.8	0.52	361	0016-1L
2459.00	swc	Sh/Clst: m ol gy	1.49	2.71	1.19	2.28	0.97	279	123	4.2	0.35	344	0017-1L
2470.00	cut	Sh/Clst: m gy to ol gy	0.21	1.25	0.96	1.30	0.39	321	246	1.5	0.14	364	0072-1L
2471.00	swc	Sh/Clst: m ol gy	0.95	3.09	1.25	2.47	0.88	351	142	4.0	0.24	350	0018-1L
2483.00	swc	Sh/Clst: m ol gy	1.73	4.44	2.26	1.96	1.41	315	160	6.2	0.28	357	0019-1L
2490.00	cut	Sh/Clst: m gy to ol gy	0.26	1.48	1.05	1.41	0.57	260	184	1.7	0.15	366	0073-1L
2510.00	cut	Ca : w	0.03	0.11	0.59	0.19	0.05	220	1180	0.1	0.21	435	0074-3L
2530.00	cut	Ca : w	0.02	0.06	0.54	0.11	0.05	120	1080	0.1	0.25	438	0075-3L

Table 3 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2100.50	ccp	S/Sst : m gy to brn gy	3.48	29.22	46.31	20.99	0.83	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	2.93	26.48	42.24	28.34	4.51	0003-1L
2117.10	ccp	S/Sst : w to lt gy w	4.53	34.30	49.22	11.96	0.24	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	6.84	25.71	52.05	15.39	-	0020-1L
2117.80	ccp	S/Sst : w to lt gy w	6.94	37.94	49.08	6.05	0.84	0001-1L
2453.50	swc	Sh/Clst: m ol gy	2.32	45.40	47.21	5.08	4.70	0016-1L
2483.00	swc	Sh/Clst: m ol gy	4.92	42.40	45.68	7.00	4.44	0019-1L

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 25/7-3

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
2100.50	ccp	S/Sst : m gy to brn gy	10.7	97.8	55.3	21.8	1.1	19.6	77.1	20.7	0.73	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	10.6	156.1	120.1	31.4	0.7	3.8	151.5	4.6	0.94	0003-1L
2112.00	oil	bulk	-	95.9	69.0	20.2	0.4	6.4	89.1	6.8	-	0005-0B
2117.10	ccp	S/Sst : w to lt gy w	10.5	11.2	6.6	3.3	0.3	0.9	9.9	1.2	0.13	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	11.2	41.5	27.6	4.1	1.7	8.1	31.7	9.8	0.32	0020-1L
2483.00	swc	Sh/Clst: m ol gy	1.2	2.7	0.9	0.5	0.5	0.8	1.4	1.3	1.39	0019-1L

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2100.50	ccp	S/Sst : m gy to brn gy	9163	5181	2039	103	1838	7221	1941	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	14769	11365	2970	70	363	14335	433	0003-1L
2112.00	oil	bulk	-	-	-	-	-	-	-	0005-0B
2117.10	ccp	S/Sst : w to lt gy w	1059	623	317	29	89	941	118	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	3716	2474	367	152	721	2842	873	0020-1L
2483.00	swc	Sh/Clst: m ol gy	2296	771	440	423	661	1211	1084	0019-1L

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2100.50	ccp	S/Sst : m gy to brn gy	1255.22	709.84	279.36	14.12	251.89	989.20	266.01	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	1571.19	1209.06	316.03	7.45	38.65	1525.09	46.10	0003-1L
2112.00	oil	bulk	-	-	-	-	-	-	-	0005-0B
2117.10	ccp	S/Sst : w to lt gy w	815.21	479.49	244.49	22.62	68.60	723.98	91.23	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	1161.31	773.28	114.98	47.56	225.49	888.26	273.05	0020-1L
2483.00	swc	Sh/Clst: m ol gy	165.22	55.48	31.70	30.48	47.56	87.18	78.04	0019-1L

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 25/7-3

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	
2100.50	ccp	S/Sst : m gy to brn gy	56.55	22.26	1.13	20.07	78.81	21.19	254.09	371.86	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	76.95	20.11	0.47	2.46	97.07	2.93	382.58	3308.51	0003-1L
2112.00	oil	bulk	71.89	21.02	0.42	6.67	92.91	7.09	342.06	1310.59	0005-0B
2117.10	ccp	S/Sst : w to lt gy w	58.82	29.99	2.78	8.42	88.81	11.19	196.12	793.60	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	66.59	9.90	4.10	19.42	76.49	23.51	672.51	325.31	0020-1L
2483.00	swc	Sh/Clst: m ol gy	33.58	19.19	18.45	28.78	52.77	47.23	175.00	111.72	0019-1L



Table 5: Saturated Hydrocarbon Ratios for well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane/nC17	Phytane	CPI1	nC17	Sample
			nC17	Phytane	Phytane/nC18	nC18		nC17+nC27	
2100.50	ccp	S/Sst : m gy to brn gy	0.57	1.83	1.72	0.33	1.05	0.72	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	0.57	1.86	1.68	0.34	1.02	0.73	0003-1L
2112.00	oil	bulk	0.52	1.86	1.64	0.32	1.08	0.76	0005-0B
2117.10	ccp	S/Sst : w to lt gy w	0.61	1.93	2.01	0.30	1.06	0.64	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	0.66	1.55	1.62	0.40	1.08	0.68	0020-1L
2483.00	swc	Sh/Clst: m ol gy	0.71	2.03	2.14	0.33	1.21	0.65	0019-1L

Table 6a: Aromatic Hydrocarbon Ratios for well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2100.50	ccp	S/Sst : m gy to brn gy	1.31	1.76	0.21	1.00	0.68	0.76	0.81	-	4.79	1.38	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	1.23	1.66	0.20	1.07	0.73	0.83	0.84	0.30	4.75	1.14	0003-1L
2112.00	oil	bulk	1.36	1.76	0.27	1.09	0.73	0.84	0.84	0.26	3.97	1.10	0005-0B
2117.10	ccp	S/Sst : w to lt gy w	-	-	-	0.92	0.87	0.79	0.92	-	-	-	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	1.10	2.36	0.50	0.94	0.84	0.90	0.91	0.30	3.97	1.10	0020-1L
2483.00	swc	Sh/Clst: m ol gy	-	-	-	0.91	0.35	0.41	0.61	-	-	-	0019-1L

Table 6b: Aromatic Hydrocarbon Ratios for well NOCS 25/7-3

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
2100.50	ccp	S/Sst : m gy to brn gy	0.44	0.24	0004-1L
2106.55	ccp	S/Sst : m gy to brn gy	0.45	0.25	0003-1L
2112.00	oil	bulk	0.46	0.26	0005-0B
2117.10	ccp	S/Sst : w to lt gy w	0.46	0.21	0002-1L
2117.25	ccp	S/Sst : w to lt gy w	0.45	0.24	0020-1L
2483.00	swc	Sh/Clst: m ol gy	0.37	0.22	0019-1L

Table 7a: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Rat.10	Rat.11	Rat.12	Rat.13	Rat.14	Sample
2100.50	S/Sst	0.54	0.35	0.12	0.44	0.31	0.14	0.07	0.16	0.07	0.13	0.92	0.32	0.10	56.70	0004-1
2106.55	S/Sst	0.51	0.34	0.11	0.40	0.29	0.14	0.08	0.21	0.08	0.10	0.93	0.30	0.09	57.34	0003-1
2112.00	bulk	0.51	0.34	0.11	0.41	0.29	0.14	0.07	0.18	0.07	0.10	0.93	0.30	0.10	58.62	0005-0
2117.10	S/Sst	0.59	0.37	0.11	0.43	0.30	0.18	0.06	0.15	0.06	0.09	0.91	0.31	0.11	58.05	0002-1
2117.25	S/Sst	0.47	0.32	0.11	0.43	0.30	0.17	0.09	0.20	0.08	0.08	0.90	0.31	0.13	56.64	0020-1
2483.00	Sh/Clst	1.29	0.56	0.16	0.49	0.33	0.12	0.06	0.11	0.05	0.09	0.80	0.35	0.28	47.49	0019-1

List of Triterpane Distribution Ratios

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Ratio 1:  $B / A$

Ratio 2:  $B / B+A$

Ratio 3:  $B / B+E+F$

Ratio 4:  $C / E$

Ratio 5:  $C / C+E$

Ratio 6:  $X / E$

Ratio 7:  $Z / E$

Ratio 8:  $Z / C$

Ratio 9:  $Z / Z+E$

Ratio 10:  $Q / E$

Ratio 11:  $E / E+F$

Ratio 12:  $C+D / C+D+E+F$

Ratio 13:  $D+F / C+E$

Ratio 14:  $J1 / J1+J2$  (%)

Table 7b: Variation in Sterane Distribution (peak height) SIR for Well NOCS 25/7-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Ratio5</u>	<u>Ratio6</u>	<u>Ratio7</u>	<u>Ratio8</u>	<u>Ratio9</u>	<u>Ratio10</u>	<u>Sample</u>
2100.50	S/Sst	0.84	47.52	81.64	1.28	0.82	0.44	0.30	0.69	0.91	4.24	0004-1
2106.55	S/Sst	0.85	44.71	82.54	1.30	0.84	0.45	0.30	0.70	0.81	4.28	0003-1
2112.00	bulk	0.84	46.26	81.80	1.28	0.83	0.46	0.31	0.69	0.86	4.18	0005-0
2117.10	S/Sst	0.81	45.02	81.72	1.18	0.83	0.34	0.22	0.69	0.82	4.06	0002-1
2117.25	S/Sst	0.82	45.07	81.24	1.23	0.83	0.36	0.25	0.68	0.82	3.94	0020-1
2483.00	Sh/Clst	0.72	30.05	70.70	0.92	0.80	0.43	0.31	0.55	0.43	1.72	0019-1

List of Sterane Distribution Ratios

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Ratio 1:  $a / a+j$

Ratio 2:  $q / q+t$  (%)

Ratio 3:  $2*(r+s) / (q+t + 2*(r+s))$  (%)

Ratio 4:  $a+b+c+d / h+k+l+n$

Ratio 5:  $r+s / r+s+q$

Ratio 6:  $u+v / u+v+q+r+s+t$

Ratio 7:  $u+v / u+v+i+m+n+q+r+s+t$

Ratio 8:  $r+s / q+r+s+t$

Ratio 9:  $q / t$

Ratio 10:  $r+s / t$

Table 7c: Variation in Triaromatic Sterane Distribution (peak height) for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
2100.50	S/Sst	0.58	0.57	0.34	0.32	0.43	0004-1
2106.55	S/Sst	0.66	0.63	0.40	0.38	0.50	0003-1
2112.00	bulk	0.68	0.67	0.41	0.40	0.50	0005-0
2117.10	S/Sst	0.66	0.65	0.40	0.38	0.49	0002-1
2117.25	S/Sst	0.87	0.86	0.66	0.66	0.74	0020-1
2483.00	Sh/Clst	0.60	0.57	0.30	0.29	0.37	0019-1

Ratio1:  $a1 / a1 + g1$ Ratio2:  $b1 / b1 + g1$ Ratio3:  $a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1$ Ratio4:  $a1 / a1 + e1 + f1 + g1$ Ratio5:  $a1 / a1 + d1$



Table 7d: Variation in Monoaromatic Sterane Distribution (peak height) for Well NOCS 25/7-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Sample</u>
2100.50	S/Sst	0.51	0.35	0.37	0.29	0004-1
2106.55	S/Sst	0.73	0.57	0.61	0.52	0003-1
2112.00	bulk	0.60	0.43	0.46	0.38	0005-0
2117.10	S/Sst	0.48	0.32	0.35	0.28	0002-1
2117.25	S/Sst	-	-	-	-	0020-1
2483.00	Sh/Clst	0.57	0.31	0.42	0.30	0019-1

Ratio1: A1 / A1 + E1  
 Ratio2: B1 / B1 + E1

Ratio3: A1 / A1 + E1 + G1  
 Ratio4: A1+B1 / A1+B1+Cl+D1+E1+F1+G1+H1+I1

Table 7e: Aromatisation of Steranes (peak height) for Well NOCS 25/7-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
2100.50	S/Sst	0.31	0.92	0004-1
2106.55	S/Sst	0.20	0.94	0003-1
2112.00	bulk	0.34	0.90	0005-0
2117.10	S/Sst	0.37	0.91	0002-1
2117.25	S/Sst	-	1.00	0020-1
2483.00	Sh/Clst	0.48	0.60	0019-1

$$\text{Ratio1: } \frac{\text{C1+D1+E1+F1+G1+H1+I1}}{\text{C1+D1+E1+F1+G1+H1+I1} + \text{c1+d1+e1+f1+g1}}$$

$$\text{Ratio2: } \text{g1} / \text{g1} + \text{I1}$$

Table 7f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Lithology	P	Q	R	S	T	A	B	Z	C	Sample
		X	D	E	F	G	H	I	J1	J2	
		K1	K2	L1	L2	M1	M2				
2100.50	S/Sst	3058.7 2528.9 2211.0	2252.6 1081.2 1476.9	860.4 17485.6 1199.5	1731.7 1495.2 803.7	538.8 7356.1 861.2	4914.8 4213.0 518.6	2656.4 799.2	1241.7 3768.6	7754.8 2877.6	0004-1
2106.55	S/Sst	1579.3 1851.8 1795.7	1266.1 693.3 1162.7	529.7 12908.9 880.6	928.1 1013.7 592.3	283.9 5242.8 565.8	3511.9 3171.1 439.2	1803.2 596.5	1078.0 2867.7	5190.7 2133.7	0003-1
2112.00	bulk	1695.3 2007.8 1781.7	1456.7 856.0 1212.9	512.3 14164.8 917.9	969.8 1122.7 577.2	342.7 5727.1 664.2	3828.0 3344.7 346.7	1957.1 688.1	1024.9 3119.5	5807.3 2201.9	0005-0
2117.10	S/Sst	2064.3 3640.0 2878.0	1801.0 1181.4 2049.6	687.7 20143.8 1445.8	1353.9 1965.8 1050.0	500.1 9029.5 934.9	4879.2 5408.9 607.9	2864.1 1193.7	1303.7 5241.7	8631.6 3788.6	0002-1
2117.25	S/Sst	2487.9 4460.0 4906.2	2038.6 1992.6 3091.3	905.9 26032.6 2685.3	1775.8 2749.8 1811.6	637.8 10722.7 2152.8	7338.7 7098.1 1343.8	3431.6 1713.5	2236.1 6925.9	11162.2 5301.1	0020-1

Table 7f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Lithology	P	Q	R	S	T	A	B	Z	C	Sample
		X	D	E	F	G	H	I	J1	J2	
		K1	K2	L1	L2	M1	M2				
2483.00	Sh/Clst	618.5	369.6	142.9	294.4	78.1	727.5	936.9	220.6	1967.0	0019-1
		467.0	678.3	3977.9	1015.1	1678.1	1688.4	513.2	796.4	880.5	
		415.2	447.8	279.0	253.6	209.1	201.0				

Table 7g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
2100.50	S/Sst	4060.8	1638.0	6397.4	4168.3	1381.4	1500.4	2429.0	1399.8	1659.3	0004-1
		4348.0	3381.6	1251.6	3318.4	1042.8	899.8	1799.9	2995.7		
		597.0	1073.0	2635.0	2386.6	1185.1					
2106.55	S/Sst	2869.9	1067.1	4439.8	3044.1	936.4	1181.4	1780.0	1092.7	1157.2	0003-1
		3196.4	2262.7	799.6	2296.3	629.5	593.2	1236.6	1988.7		
		301.2	648.6	1806.8	1622.9	802.2					
2112.00	bulk	2993.9	1114.0	4634.5	2996.3	1005.9	1087.4	1681.4	975.1	1095.0	0005-0
		3144.4	2373.2	863.3	2464.1	678.0	633.0	1305.2	1986.5		
		249.4	689.9	1725.0	1625.7	801.5					
2117.10	S/Sst	2944.7	1407.5	6943.7	4699.3	1585.3	1803.6	2666.9	1569.8	2005.0	0002-1
		5497.7	3564.2	1640.6	4155.4	1203.5	1116.9	1859.2	3042.6		
		513.4	1176.6	3017.5	2822.2	1436.7					
2117.25	S/Sst	4187.7	1975.6	8601.2	5266.9	1992.8	2184.1	3439.0	1996.4	2491.9	0020-1
		5639.5	3679.8	1826.5	4778.6	1454.7	1390.3	2804.5	3272.7		
		621.0	1574.0	3955.4	3608.0	1918.7					

Table 7g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
2483.00	Sh/Clst	703.9	426.2	900.9	572.9	275.5	330.2	468.0	310.1	442.9	0019-1
		929.0	434.6	344.9	720.1	283.6	192.8	334.7	371.7		
		177.2	204.5	445.8	375.4	476.1					

Table 7h: Raw triaromatic sterane data (peak height) m/z 231 for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
2100.50	S/Sst	4452.3	4158.6	1468.8	5819.0	3642.0	2490.7	3194.4	0004-1
2106.55	S/Sst	4187.3	3783.8	1014.4	4174.7	2609.2	1939.0	2178.0	0003-1
2112.00	bulk	3249.9	3074.4	818.1	3198.7	1876.0	1480.9	1545.5	0005-0
2117.10	S/Sst	1586.8	1540.5	417.2	1664.6	1022.0	703.7	814.9	0002-1
2117.25	S/Sst	3114.3	2749.0	334.9	1068.7	499.8	611.2	462.6	0020-1
2483.00	Sh/Clst	289.4	248.5	101.8	484.1	266.3	236.6	190.9	0019-1

Table 7i: Raw monoaromatic sterane data (peak height) m/z 253 for Well NOCS 25/7-3

Depth unit of measure: m

Depth	Lithology	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
2100.50	S/Sst	1963.2	1029.4	1189.6	1066.2	1896.0	403.4	1468.9	1203.1	266.1	0004-1
2106.55	S/Sst	2204.0	1082.2	449.1	358.0	811.9	159.8	580.4	545.6	133.8	0003-1
2112.00	bulk	1821.6	890.1	677.8	556.1	1202.7	261.4	907.2	733.3	171.2	0005-0
2117.10	S/Sst	690.2	348.5	432.5	285.7	741.6	135.7	563.6	422.5	77.0	0002-1
2117.25	S/Sst	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0020-1
2483.00	Sh/Clst	363.9	123.2	85.7	96.2	273.0	105.5	239.4	236.4	126.0	0019-1



Table 8A: Tabulation of carbon isotope data for EOM/EOM - fractions for well NOCS 25/7-3

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>EOM</u>	<u>Saturated</u>	<u>Aromatic</u>	<u>NSO</u>	<u>Asphaltenes</u>	<u>Kerogen</u>	<u>Sample</u>
2100.50	ccp	S/Sst	-28.48	-28.70	-28.00	-28.39	-27.23	-	0004-1
2106.55	ccp	S/Sst	-28.37	-28.70	-27.79	-27.96	-27.80	-	0003-1
2112.00	oil	bulk	-28.36	-28.72	-27.92	-27.73	-27.10	-	0005-0
2117.10	ccp	S/Sst	-27.91	-28.21	-27.47	-27.18	-26.74	-	0002-1
2117.25	ccp	S/Sst	-28.54	-28.56	-27.60	-27.96	-27.62	-	0020-1
2483.00	swc	Sh/Clst	-	-28.02	-26.92	-27.49	-26.90	-	0019-1

Table 8B: Tabulation of cv values from carbon isotope data for well NOCS 25/7-3

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>Saturated</u>	<u>Aromatic</u>	<u>cv value</u>	<u>Interpretation</u>	<u>Sample</u>
2100.50	ccp	S/Sst	-28.70	-28.00	-1.20	Marine	0004-1
2106.55	ccp	S/Sst	-28.70	-27.79	-0.73	Marine	0003-1
2112.00	oil	bulk	-28.72	-27.92	-0.97	Marine	0005-0
2117.10	ccp	S/Sst	-28.21	-27.47	-1.26	Marine	0002-1
2117.25	ccp	S/Sst	-28.56	-27.60	-0.67	Marine	0020-1
2483.00	swc	Sh/Clst	-28.02	-26.92	-0.52	Marine	0019-1