

Table 3 : Lithology description for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2134.00						0017	
	0.46		90 S/Sst	: gn gy to gn		0017-1L	
			10 Sh/Clst:	brn gy to m drk gy		0017-2L	
2143.00	swc					0018	
	0.27		100 S/Sst	: gn gy		0018-1L	
2206.00						0019	
			100 Sh/Clst:	brn gy to drk gy		0019-1L	
2284.00						0020	
			100 Sh/Clst:	brn gy to drk gy		0020-1L	
2332.00						0021	
			100 Sh/Clst:	brn gy to drk gy		0021-1L	
2353.00						0022	
			100 Sh/Clst:	brn gy to m drk gy		0022-1L	
2365.00						0024	
	1.51		100 Sh/Clst:	brn blk to gy blk		0024-1L	
2398.00						0029	
	2.93		90 Sh/Clst:	drk gy to gy blk		0029-1L	
			10 Sh/Clst:	m lt gy to m gy		0029-2L	
2449.00						0030	
			100 Sh/Clst:	m gy to m drk gy		0030-1L	

Table 3 : Lithology description for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2506.00						0031	
		100	Sh/Clst: m gy to m drk gy				0031-1L
2560.00						0032	
		100	Sh/Clst: m gy to m drk gy				0032-1L
2605.00						0033	
		100	Sh/Clst: m gy to m drk gy				0033-1L
2650.00						0034	
		100	Sh/Clst: m lt gy to m drk gy				0034-1L
2668.00						0035	
	2.11	100	Sh/Clst: drk gy to ol blk				0035-1L
2707.00						0039	
	2.19	70	Sh/Clst: drk gy to brn blk, ol blk				0039-1L
		30	Congl				0039-2L
2746.00						0040	
	1.46	100	Sh/Clst: brn gy				0040-1L
2752.00						0041	
	1.48	90	Sh/Clst: brn gy				0041-1L
		10	S/Sst : m drk gy, f				0041-2L
2758.00						0042	
	1.70	100	Sh/Clst: brn gy				0042-1L

Table 3 : Lithology description for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2764.00						0043	
	1.97	50	Sh/Clst: brn gy, ol gy to ol blk			0043-1L	
		40	S/Sst : m drk gy			0043-2L	
		10	Ca : m lt gy to m gy			0043-3L	
2773.00						0044	
	1.16	70	S/Sst : m gy, f			0044-1L	
		30	Sh/Clst: brn blk			0044-2L	
2803.00						0045	
	0.07	70	S/Sst : cnsl			0045-1L	
		20	Ca : lt gy to m gy			0045-2L	
		10	Sh/Clst: brn gy			0045-3L	
2809.00						0046	
	2.16	70	Sh/Clst: brn gy to brn blk			0046-1L	
		30	S/Sst : cnsl			0046-2L	
2815.00						0047	
	2.32	70	Sh/Clst: brn gy to brn blk			0047-1L	
		30	S/Sst : lt gy			0047-2L	
2821.00						0048	
	2.89	60	Sh/Clst: brn gy to brn blk			0048-1L	
		40	S/Sst : lt gy, f			0048-2L	
2827.00						0049	
	2.72	90	Sh/Clst: brn gy to brn blk			0049-1L	
		10	S/Sst : lt gy, f			0049-2L	
2830.00						0050	
	2.73	80	Sh/Clst: brn gy to brn blk			0050-1L	
		20	S/Sst : lt gy, f			0050-2L	

Table 3 : Lithology description for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2845.00						0051
	1.84	80	Sh/Clst:	brn gy to brn blk		0051-1L
		10	S/Sst	: lt gy, f		0051-2L
		10	Ca	: lt gy to m lt gy		0051-3L
2854.00						0052
	2.15	80	Sh/Clst:	brn gy to brn blk		0052-1L
		10	S/Sst	: lt gy, f		0052-2L
		10	Ca	: lt gy to m lt gy		0052-3L
2875.00						0053
	2.61	80	Sh/Clst:	brn gy to brn blk		0053-1L
		20	S/Sst	: lt gy, f		0053-2L
2878.00						0054
	2.40	90	Sh/Clst:	brn gy to brn blk		0054-1L
		10	S/Sst	: lt gy, f		0054-2L
2887.00						0055
	2.32	80	Sh/Clst:	brn gy to brn blk		0055-1L
		20	S/Sst	: lt gy, f		0055-2L
2895.00	swc					0056
	0.19	100	S/Sst	: lt gy, f		0056-1L
2905.00						0057
	0.16	100	S/Sst	: lt gy, f		0057-1L

Table 4 : Thermal Maturity Data for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation (%)	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
1360.00	cut	Sh/Clst: drk gy to ol gy	0.27	23	0.03	-	-	-	0001-1L
1400.00	cut	Sh/Clst: drk gy to ol gy	0.30	22	0.04	-	-	-	0002-1L
1450.00	cut	Sh/Clst: drk gy to ol gy	0.34	20	0.05	-	-	-	0003-1L
1500.00	cut	Sh/Clst: drk gy to ol gy	0.32	22	0.03	-	-	-	0004-1L
1550.00	cut	Sh/Clst: drk gy to ol gy	0.37	22	0.05	-	-	-	0005-1L
1600.00	cut	Sh/Clst: drk gy to ol gy	0.35	23	0.06	-	-	-	0006-1L
1650.00	cut	Sh/Clst: drk gy to ol gy	0.36	20	0.05	-	-	-	0007-1L
1750.00	cut	Sh/Clst: drk gy to ol gy	0.43	20	0.05	-	-	-	0009-1L
1800.00	cut	Sh/Clst: drk gy to ol gy	0.40	21	0.05	-	-	-	0010-1L
1850.00	cut	Sh/Clst: drk gy to ol gy	0.41	21	0.06	-	-	-	0011-1L
1960.00	cut	Sh/Clst: m lt gy to m drk gy	0.35	19	0.05	-	-	-	0013-1L
2206.00	cut	Sh/Clst: brn gy to drk gy	0.40	21	0.07	-	-	-	0019-1L
2284.00	cut	Sh/Clst: brn gy to drk gy	0.44	21	0.05	-	-	-	0020-1L
2332.00	cut	Sh/Clst: brn gy to drk gy	0.44	22	0.05	-	-	-	0021-1L
2353.00	cut	Sh/Clst: brn gy to m drk gy	0.47	28	0.06	-	-	-	0022-1L

Table 4 : Thermal Maturity Data for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation (%)	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
2398.00	cut	Sh/Clst: drk gy to gy blk	0.42	23	0.06	-	5.0(?)	426	0029-1L
2449.00	cut	Sh/Clst: m gy to m drk gy	0.52	16	0.05	-	-	-	0030-1L
2506.00	cut	Sh/Clst: m gy to m drk gy	0.49	21	0.06	-	-	-	0031-1L
2560.00	cut	Sh/Clst: m gy to m drk gy	0.50	22	0.06	-	-	-	0032-1L
2605.00	cut	Sh/Clst: m gy to m drk gy	0.48	20	0.07	-	-	-	0033-1L
2650.00	cut	Sh/Clst: m lt gy to m drk gy	0.5	16	0.07	-	-	-	0034-1L
2746.00	cut	Sh/Clst: brn gy	0.41	22	0.05	-	-	365	0040-1L
2758.00	cut	Sh/Clst: brn gy	0.41	24	0.05	-	-	377	0042-1L
2878.00	cut	Sh/Clst: brn gy to brn blk	0.34	21	0.03	-	-	431	0054-1L

Table 5A: Rock-Eval table for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1951.00	cut		S/Sst : lt gy to gn gy	0.33	2.72	1.53	1.78	0.53	513	289	3.0	0.11	370	0012-1L
1988.00	swc		S/Sst : gn gy	0.17	1.14	0.98	1.16	0.16	713	613	1.3	0.13	371	0014-4L
2000.00	swc		S/Sst : gn gy	0.25	1.39	1.03	1.35	0.14	993	736	1.6	0.15	374	0015-1L
2005.00	cut		S/Sst : gn gy to gn	0.45	2.03	1.35	1.50	0.40	507	338	2.5	0.18	361	0016-1L
2134.00	cut		S/Sst : gn gy to gn	0.33	2.16	1.20	1.80	0.46	470	261	2.5	0.13	366	0017-1L
2143.00	swc		S/Sst : gn gy	0.32	1.59	1.26	1.26	0.27	589	467	1.9	0.17	368	0018-1L
2365.00	cut		Sh/Clst: brn blk to gy blk	0.61	4.18	2.08	2.01	1.51	277	138	4.8	0.13	368	0024-1L
2398.00	cut		Sh/Clst: drk gy to gy blk	0.61	8.77	1.81	4.85	2.93	299	62	9.4	0.07	426	0029-1L
2668.00	cut		Sh/Clst: drk gy to ol blk	0.69	7.68	2.21	3.48	2.11	364	105	8.4	0.08	360	0035-1L
2707.00	cut		Sh/Clst: drk gy to brn blk, ol blk	0.59	5.46	1.94	2.81	2.19	249	89	6.1	0.10	367	0039-1L
2746.00	cut		Sh/Clst: brn gy	1.00	7.22	1.59	4.54	1.46	495	109	8.2	0.12	365	0040-1L
2752.00	cut		Sh/Clst: brn gy	0.79	6.40	1.77	3.62	1.48	432	120	7.2	0.11	372	0041-1L
2758.00	cut		Sh/Clst: brn gy	0.62	6.06	1.67	3.63	1.70	356	98	6.7	0.09	377	0042-1L
2764.00	cut		Sh/Clst: brn gy, ol gy to ol blk	0.60	5.69	1.68	3.39	1.97	289	85	6.3	0.10	431	0043-1L
2773.00	cut		S/Sst : m gy	0.46	3.78	0.42	9.00	1.16	326	36	4.2	0.11	421	0044-1L
2803.00	cut		S/Sst	0.01	-	0.05	-	0.07	-	71	0.0	1.00	-	0045-1L

Table 5A: Rock-Eval table for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2809.00	cut		Sh/Clst: brn gy to brn blk	0.87	6.93	1.02	6.79	2.16	321	47	7.8	0.11	424	0046-1L
2815.00	cut		Sh/Clst: brn gy to brn blk	0.92	7.60	1.60	4.75	2.32	328	69	8.5	0.11	426	0047-1L
2821.00	cut		Sh/Clst: brn gy to brn blk	1.11	9.18	1.14	8.05	2.89	318	39	10.3	0.11	424	0048-1L
2827.00	cut		Sh/Clst: brn gy to brn blk	0.94	9.09	1.26	7.21	2.72	334	46	10.0	0.09	423	0049-1L
2830.00	cut		Sh/Clst: brn gy to brn blk	0.80	8.65	1.17	7.39	2.73	317	43	9.4	0.08	424	0050-1L
2845.00	cut		Sh/Clst: brn gy to brn blk	0.70	5.37	1.91	2.81	1.84	292	104	6.1	0.12	358	0051-1L
2854.00	cut		Sh/Clst: brn gy to brn blk	1.02	7.67	1.43	5.36	2.15	357	67	8.7	0.12	371	0052-1L
2875.00	cut		Sh/Clst: brn gy to brn blk	1.03	7.99	1.30	6.15	2.61	306	50	9.0	0.11	426	0053-1L
2878.00	cut		Sh/Clst: brn gy to brn blk	0.76	6.59	1.15	5.73	2.40	275	48	7.4	0.10	431	0054-1L
2887.00	cut		Sh/Clst: brn gy to brn blk	0.66	7.06	1.33	5.31	2.32	304	57	7.7	0.09	433	0055-1L
2895.00	swc		S/Sst : lt gy	0.83	1.48	1.65	0.90	0.19	779	868	2.3	0.36	358	0056-1L
2905.00	cut		S/Sst : lt gy	0.03	0.10	0.23	0.43	0.16	63	144	0.1	0.23	-	0057-1L

Table 5B: Rock-Eval table for well RE,STD

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1.00	std		bulk	0.44	18.96	1.60	11.85	-	-	-	19.4	0.02	420	0191-0B
2.00	std		bulk	0.48	19.57	1.66	11.79	-	-	-	20.0	0.02	418	0192-0B
3.00	std		bulk	0.44	19.30	1.51	12.78	-	-	-	19.7	0.02	419	0193-0B

Table 6 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2005.00	cut	S/Sst : gn gy to gn	1.00	51.43	45.78	1.80	2.03	0016-1L
2365.00	cut	Sh/Clst: brn blk to gy blk	2.58	38.92	48.28	10.22	4.18	0024-1L
2398.00	cut	Sh/Clst: drk gy to gy blk	3.38	25.83	40.13	30.66	8.77	0029-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	1.61	37.82	54.79	5.78	7.68	0035-1L
2821.00	cut	Sh/Clst: brn gy to brn blk	3.44	25.47	37.58	33.51	9.18	0048-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	3.21	24.53	39.60	32.65	5.37	0051-1L
2875.00	cut	Sh/Clst: brn gy to brn blk	3.90	20.84	35.90	39.36	7.99	0053-1L

Table 7: Visual Kerogen Composition Data for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	Amorphous			Algal/Phytoplankton					Herbaceous				Woody				Coaly			SCI	Sample
			AM%	FA	HA	AP%	Cy	Ta	Bo	Di	De	HE%	SP	Cu	De	WO%	FL	NF	De	CO%	FS		
2827.00	cut	Sh/Clst	35	*	*	TR	*		*		15	*	**	*	45	**	*		5	**	*	5.0-5.5	0049-1L
2854.00	cut	Sh/Clst	20	*	*	TR	*		*		20	*	**	*	45	**	*		15	**	*	5.0-5.5	0052-1L

Table 8a: MPLC Bulk Composition: Weight of EOM and Fraction for well NOCS 6204/11-2

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
2365.00	cut	Sh/Clst: brn blk to gy blk	6.1	1.3	0.3	0.2	0.5	0.3	0.5	0.8	1.59	0024-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	6.9	1.3	0.3	0.3	0.3	0.5	0.5	0.8	2.02	0035-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	1.9	2.4	0.1	0.0	0.8	1.5	0.1	2.3	2.63	0051-1L

Table 8b: MPLC Bulk Composition: Concentration of EOM and Fraction (wt ppm rock) for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2365.00	cut	Sh/Clst: brn blk to gy blk	213	47	35	81	47	83	129	0024-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	187	36	36	43	72	72	115	0035-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	1244	43	21	416	762	65	1179	0051-1L

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2365.00	cut	Sh/Clst: brn blk to gy blk	13.40	3.00	2.25	5.16	3.00	5.25	8.15	0024-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	9.29	1.79	1.79	2.14	3.57	3.57	5.71	0035-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	47.33	1.66	0.83	15.84	29.00	2.49	44.84	0051-1L

Table 8d: MPLC Bulk Composition: Material extracted from the rock (%) for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	Total	HC	Non-HC	Recov. MPLC	Recov. Asph	Sample
2365.00	cut	Sh/Clst: brn blk to gy blk	22.38	16.78	38.46	22.38	100.00	39.16	60.84	-	0.69	0024-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	19.23	19.23	23.08	38.46	100.00	38.46	61.54	-	0.62	0035-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	3.50	1.75	33.47	61.28	100.00	5.25	94.75	-	0.67	0051-1L

Table 8e: MPLC Bulk Composition: Ratios for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	Sat	HC	Asp	Sample
			Aro	Non-HC	NSO	
2365.00	cut	Sh/Clst: brn blk to gy blk	1.33	0.64	1.72	0024-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	1.00	0.63	0.60	0035-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	2.00	0.06	0.55	0051-1L

Table 8F: Iatroscan TLC Bulk Composition: Absolute yields in mg/g rock for well NOCS 6204/11-2

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>NSO</u>	<u>Asp</u>	<u>HC</u>	<u>Non-HC</u>	<u>EOM</u>	<u>Sample</u>
2365.00	cut	Sh/Clst	0.03	0.02	0.08	0.08	0.06	0.16	0.21	0024-1L
2668.00	cut	Sh/Clst	0.02	0.04	0.08	0.04	0.06	0.13	0.19	0035-1L
2845.00	cut	Sh/Clst	0.11	0.32	0.39	0.42	0.44	0.81	1.24	0051-1L

Table 8G: Iatroscan TLC Bulk Composition: Rel. percentages of sep. fractions for well NOCS 6204/11-2

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>NSO</u>	<u>Asp</u>	<u>Total</u>	<u>HC</u>	<u>Non-HC</u>	<u>Recov. Iatr.</u>	<u>Recov. Asp</u>	<u>Sample</u>
2365.00	cut	Sh/Clst	15.08	10.88	35.58	38.46	100.00	25.96	74.04	0.49	0.69	0024-1L
2668.00	cut	Sh/Clst	9.87	23.49	43.56	23.08	100.00	33.36	66.64	0.64	0.62	0035-1L
2845.00	cut	Sh/Clst	9.10	25.95	31.49	33.47	100.00	35.04	64.96	0.35	0.67	0051-1L

Table 9a: Quantitative Analysis of Saturated Fraction for well 6204/11-2

sample	nC15 mg/g sat	nC16 mg/g sat	iC18 mg/g sat	nC17 mg/g sat	Pr mg/g sat	nC18 mg/g sat	Ph mg/g sat	nC19 mg/g sat	nC20 mg/g sat	nC21 mg/g sat	nC22 mg/g sat	nC23 mg/g sat	nC24 mg/g sat	nC25 mg/g sat	nC26 mg/g sat	nC27 mg/g sat	nC28 mg/g sat	nC29 mg/g sat	nC30 mg/g sat	nC31 mg/g sat	nC32 mg/g sat	nC33 mg/g sat	nC34 mg/g sat
2365.00m	1.03	2.98	4.78	3.99	4.36	4.35	2.83	1.66	1.60	1.06	1.22	1.14	1.00	1.02	0.89	1.50	0.43	0.76	0.62	0.84	0.41	0.29	0.00
2668.00m	0.76	1.47	2.56	1.16	1.76	1.53	0.42	0.74	0.73	0.65	0.55	0.51	0.48	0.00	0.56	0.74	0.54	1.15	0.43	1.33	0.55	0.48	0.00
2845.00m	0.88	0.79	1.16	1.06	3.48	0.87	0.90	0.93	0.77	0.91	0.88	0.96	0.93	1.47	1.46	2.93	4.19	4.62	1.82	3.56	1.22	1.45	0.78

Table 9B: Saturated Hydrocarbon Ratios (peak area) for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane/nC17	Phytane	CPI1	nC17	Sample
			nC17	Phytane	Phytane/nC18	nC18		nC17+nC27	
2365.00	cut	Sh/Clst: brn blk to gy blk	1.09	1.54	1.68	0.65	1.58	0.73	0024-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	1.52	4.17	5.50	0.28	1.58	0.61	0035-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	3.29	3.88	3.18	1.03	1.47	0.27	0051-1L

Table 9Ca: Aromatic Hydrocarbon Ratios (peak area) for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2365.00	cut	Sh/Clst: brn blk to gy blk	-	-	-	-	-	-	-	-	-	-	0024-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	-	-	-	-	-	-	-	-	-	-	0035-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	-	0.93	-	-	-	-	-	-	-	-	0051-1L

Table 9Cb: Aromatic Hydrocarbon Ratios (peak area) for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
2365.00	cut	Sh/Clst: brn blk to gy blk	-	-	0024-1L
2668.00	cut	Sh/Clst: drk gy to ol blk	-	-	0035-1L
2845.00	cut	Sh/Clst: brn gy to brn blk	-	-	0051-1L

Table 11A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 6204/11-2

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
2365.00	Sh/Clst	3.11	0.76	0.18	0.52	0.34	0.04	0.12	0.23	0.11	0.10	0.77	0.36	0.33	35.18	0024-1
2668.00	Sh/Clst	10.88	0.92	0.27	0.46	0.31	0.04	0.23	0.50	0.18	0.03	0.71	0.34	0.47	32.96	0035-1
2845.00	Sh/Clst	5.10	0.84	0.13	0.41	0.29	0.09	0.94	2.29	0.48	0.01	0.87	0.30	0.17	47.00	0051-1

List of Triterpane Distribution Ratios

Ratio 1: $27Tm / 27Ts$

Ratio 2: $27Tm / 27Tm+27Ts$

Ratio 3: $27Tm / 27Tm+30a\beta+30\beta a$

Ratio 4: $29a\beta / 30a\beta$

Ratio 5: $29a\beta / 29a\beta+30a\beta$

Ratio 6: $30d / 30a\beta$

Ratio 7: $28a\beta / 30a\beta$

Ratio 8: $28a\beta / 29a\beta$

Ratio 9: $28a\beta / 28a\beta+30a\beta$

Ratio 10: $24/3 / 30a\beta$

Ratio 11: $30a\beta / 30a\beta+30\beta a$

Ratio 12: $29a\beta+29\beta a / 29a\beta+29\beta a+30a\beta+30\beta a$

Ratio 13: $29\beta a+30\beta a / 29a\beta+30a\beta$

Ratio 14: $32a\beta S / 32a\beta S+32a\beta R$ (%)

Table 11B: Variation in Sterane Distribution (peak height) SIR for Well NOCS 6204/11-2

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>
2365.00	Sh/Clst	0.28	16.77	58.60	0.90	0.81	0.43	0.33	0.41	0.20	0.85	0024-1
2668.00	Sh/Clst	0.41	17.94	64.06	1.22	0.83	0.39	0.29	0.47	0.22	1.09	0035-1
2845.00	Sh/Clst	0.33	14.86	47.43	0.51	0.75	0.06	0.06	0.31	0.17	0.53	0051-1

List of Sterane Distribution Ratios

Ratio 1: $27\text{d}\beta\text{S} / 27\text{d}\beta\text{S}+27\text{aaR}$

Ratio 2: $29\text{aaS} / 29\text{aaS}+29\text{aaR}$ (%)

Ratio 3: $2*(29\beta\beta\text{R}+29\beta\beta\text{S}) / (29\text{aaS}+29\text{aaR} + 2*(29\beta\beta\text{R}+29\beta\beta\text{S}))$ (%)

Ratio 4: $27\text{d}\beta\text{S}+27\text{d}\beta\text{R}+27\text{daR}+27\text{daS} / 29\text{d}\beta\text{S}+29\text{d}\beta\text{R}+29\text{daR}+29\text{daS}$

Ratio 5: $29\beta\beta\text{R}+29\beta\beta\text{S} / 29\beta\beta\text{R}+29\beta\beta\text{S}+29\text{aaS}$

Ratio 6: $21\text{a}+22\text{a} / 21\text{a}+22\text{a}+29\text{aaS}+29\beta\beta\text{R}+29\beta\beta\text{S}+29\text{aaR}$

Ratio 7: $21\text{a}+22\text{a} / 21\text{a}+22\text{a}+28\text{daS}+28\text{aaS}+29\text{daR}+29\text{aaS}+29\beta\beta\text{R}+29\beta\beta\text{S}+29\text{aaR}$

Ratio 8: $29\beta\beta\text{R}+29\beta\beta\text{S} / 29\text{aaS}+29\beta\beta\text{R}+29\beta\beta\text{S}+29\text{aaR}$

Ratio 9: $29\text{aaS} / 29\text{aaR}$

Ratio 10: $29\beta\beta\text{R}+29\beta\beta\text{S} / 29\text{aaR}$

Table 11C: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Lithology	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28aß	25nor30aß	Sample
		29aß	29Ts	30d	29ßa	300	30aß	30ßa	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
2365.00	Sh/Clst	8202.2	3583.5	1277.8	3463.5	781.6	3431.6	10673.4	4566.7	1519.6	0024-1
		19562.6	3724.2	1370.9	7503.0	222.3	37611.4	11366.1	3081.7	10080.7	
		24990.2	3581.3	6598.2	2481.8	2951.1	1428.1	1532.8	2256.2	1080.1	
2668.00	Sh/Clst	1339.5	679.7	270.3	848.7	183.4	948.5	10316.3	4444.8	359.1	0035-1
		8939.3	1392.4	817.7	5427.0	362.6	19605.2	8016.6	556.6	8366.4	
		11494.1	1556.5	3165.8	725.0	1502.2	572.7	676.3	463.6	518.8	
2845.00	Sh/Clst	4088.5	2181.1	1676.5	6462.7	629.3	9587.1	48864.2	256454.0	3737.8	0051-1
		111795.1	21206.9	24454.6	24151.6	1461.1	273823.9	42212.4	4076.7	61292.5	
		55408.1	28899.0	32594.1	20265.2	23894.8	22737.3	28316.1	26057.0	33372.7	

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daR	27daS	28dBS	28dBR	28daR*	Sample
		29dBS*	28daS*	27aaR	29dBR	29daR	28aaS	29daS*	28BS		
		28aaR	29aaS	29BR	29BS	29aaR					
2365.00	Sh/Clst	12314.4	4326.0	5682.2	4453.6	2798.3	2182.3	4805.3	3887.3	4704.8	0024-1
		5710.0	3951.6	14767.8	4231.7	1883.4	1838.1	4901.6	4230.1		
		8971.2	2196.1	5503.4	3763.8	10897.1					
2668.00	Sh/Clst	2823.5	706.1	3312.3	2651.5	1741.0	1201.6	2761.8	2340.8	1332.6	0035-1
		2914.3	1339.5	4730.0	2180.8	964.3	534.4	1220.2	1236.3		
		1293.2	531.0	1536.7	1102.3	2429.6					
2845.00	Sh/Clst	10421.0	3558.8	23587.5	16647.7	12705.0	7658.8	11465.2	10169.4	12252.9	0051-1
		51644.1	8304.5	46912.5	40162.5	17127.0	7802.0	10988.3	10522.3		
		22720.5	21615.1	45475.4	20125.4	123795.0					

* 28daR coel with 27aaS, 29dBS coel with 27BR, 28daS coel with 27BS, 29daS coel with 28BR

Table 11E: Raw sterane data (peak height) m/z 218 SIR for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Lithology	27 β BR	27 β BS	28 β BR	28 β BS	29 β BR	29 β BS	30 β BR	30 β BS	Sample
2365.00	Sh/Clst	5289.1	4046.9	5675.1	5245.6	6229.9	5403.0	857.6	734.6	0024-1
2668.00	Sh/Clst	1856.7	1109.6	1477.0	1423.9	1681.2	1630.8	191.4	162.8	0035-1
2845.00	Sh/Clst	21106.9	6779.1	10516.5	11856.8	35002.3	23862.9	1804.3	2118.4	0051-1

Depth unit of measure: m

Depth	Lithology	25nor28aß	25nor30aß	Sample
2365.00	Sh/Clst	1014.6	483.2	0024-1
2668.00	Sh/Clst	473.0	176.0	0035-1
2845.00	Sh/Clst	58745.8	3160.2	0051-1

Table 11G: Amount of triterpanes (ppb) m/z 191 SIR for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Lithology	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28aß	25nor30aß	Sample
		29aß	29Ts	30d	29Ba	300	30aß	30Ba	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
2365.00	Sh/Clst	19487.4 46478.1 59373.4	8514.0 8848.1 8508.6	3035.9 3257.0 15676.5	8228.8 17826.2 5896.5	1857.0 528.0 7011.3	8153.0 89359.5 3393.0	25358.6 27004.3 3641.8	10849.9 7321.8 5360.4	3610.3 23950.4 2566.2	0024-1
2668.00	Sh/Clst	6046.1 40350.7 51882.5	3067.9 6285.0 7025.9	1220.1 3690.7 14289.7	3830.9 24496.4 3272.6	827.9 1636.7 6780.6	4281.5 88494.6 2585.2	46566.2 36185.8 3052.7	20063.2 2512.3 2092.6	1621.0 37764.3 2341.9	0035-1
2845.00	Sh/Clst	7149.4 195493.5 96890.9	3814.0 37084.0 50535.0	2931.6 42763.2 56996.6	11301.2 42233.3 35437.4	1100.4 2554.9 41784.3	16764.8 478829.6 39760.3	85447.8 73815.9 49515.7	448455.3 7128.8 45565.3	6536.1 107180.9 58358.1	0051-1

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daR	27daS	28dBS	28dBR	28daR*	Sample
		29dBS*	28daS*	27aaR	29dBR	29daR	28aaS	29daS*	28BS		
		28aaR	29aaS	29BR	29BS	29aaR					
2365.00	Sh/Clst	29257.3	10278.0	13500.2	10581.1	6648.5	5184.9	11416.7	9235.6	11178.0	0024-1
		13566.1	9388.5	35086.3	10054.0	4474.6	4367.1	11645.5	10050.1		
		21314.4	5217.7	13075.4	8942.2	25890.0					
2668.00	Sh/Clst	12744.6	3187.2	14951.2	11968.4	7858.4	5423.9	12466.4	10565.9	6015.1	0035-1
		13154.7	6046.4	21350.6	9843.8	4352.9	2412.1	5507.6	5580.5		
		5837.3	2396.9	6936.6	4975.7	10966.9					
2845.00	Sh/Clst	18223.0	6223.3	41246.9	29111.4	22216.9	13392.7	20049.0	17783.1	21426.4	0051-1
		90308.8	14521.8	82034.8	70231.3	29949.5	13643.2	19215.0	18400.1		
		39730.8	37797.8	79521.8	35192.8	216477.5					

* 28daR coel with 27aaS, 29dBS coel with 27BR, 28daS coel with 27BS, 29daS coel with 28BR

Table 11I: Amount of standard and weight of sample for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Lithology	Standard	Amount	Weight	Sample
2365.00	Sh/Clst	736574.6	0.700	0.4	0024-1
2668.00	Sh/Clst	516929.6	0.700	0.3	0035-1
2845.00	Sh/Clst	2001513.0	0.700	0.2	0051-1

Table 12A: Variation in Triaromatic Sterane Distribution (peak height) for Well NOCS 6204/11-2

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>Sample</u>
2365.00	Sh/Clst	0.47	0.41	0.15	0.16	0.19	0024-1
2668.00	Sh/Clst	0.26	0.23	0.07	0.08	0.09	0035-1
2845.00	Sh/Clst	0.49	0.49	0.17	0.18	0.19	0051-1

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 12B: Variation in Monoaromatic Sterane Distribution (peak height) for Well NOCS 6204/11-2

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>
2365.00	Sh/Clst	0.44	0.29	0.24	0.22	0024-1
2668.00	Sh/Clst	0.18	0.11	0.11	0.11	0035-1
2845.00	Sh/Clst	0.22	0.14	0.13	0.10	0051-1

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

Ratio3: A1 / A1 + E1 + G1
 Ratio4: A1+B1 / A1+B1+C1+D1+E1+F1+G1+H1+I1

Table 12C: Aromatisation of Steranes (peak height) for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Sample
2365.00	Sh/Clst	0.58	0.54	0024-1
2668.00	Sh/Clst	0.27	0.90	0035-1
2845.00	Sh/Clst	0.64	0.39	0051-1

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

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

Table 12D: Raw triaromatic sterane data (peak height) m/z 231 for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
2365.00	Sh/Clst	59377.5	47540.7	52097.1	258937.5	91152.1	143428.7	67806.0	0024-1
2668.00	Sh/Clst	130986.6	114726.1	285592.0	1247915.0	602047.3	635177.1	373830.2	0035-1
2845.00	Sh/Clst	26251.8	26210.9	28687.5	109207.7	31823.9	57341.4	27087.6	0051-1

Table 12E: Raw monoaromatic sterane data (peak height) m/z 253 for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Lithology	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
2365.00	Sh/Clst	153004.4	78349.2	29901.6	26507.4	192660.2	26975.5	288881.7	214539.6	57851.3	0024-1
2668.00	Sh/Clst	89929.2	47755.0	93098.1	82405.5	405910.0	102475.5	290903.0	145687.6	41468.2	0035-1
2845.00	Sh/Clst	34137.8	19535.1	35063.2	36903.2	118654.6	22830.7	106914.3	97040.9	41520.8	0051-1

B: EXTRACTED ROCKS**Appendix 1: TABLES**

1. Analytical Program See PART A: ROCKS
- 5a-b. Rock-Eval Pyrolysis data
6. Pyrolysis Gas Chromatography Composition

**Appendix 2: THERMAL EXTRACTION AND PYROLYSIS-GAS
CHROMATOGRAMS**

Table 5: Rock-Eval table for well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2005.00	min		bulk	0.24	2.11	1.22	1.73	-	-	-	2.3	0.10	371	0060-0B
2005.00	sox		bulk	0.14	1.72	1.36	1.26	-	-	-	1.9	0.08	372	0061-0B
2365.00	min		bulk	0.45	4.35	1.50	2.90	-	-	-	4.8	0.09	365	0062-0B
2365.00	sox		bulk	0.42	3.70	1.43	2.59	-	-	-	4.1	0.10	362	0063-0B
2707.00	min		bulk	0.70	5.45	1.73	3.15	-	-	-	6.1	0.11	364	0066-0B
2707.00	sox		bulk	0.42	5.07	1.85	2.74	-	-	-	5.5	0.08	366	0067-0B
2773.00	min		bulk	0.05	1.34	0.26	5.15	-	-	-	1.4	0.04	428	0068-0B
2773.00	sox		bulk	0.01	1.26	0.23	5.48	-	-	-	1.3	0.01	430	0069-0B
2821.00	min		bulk	0.35	6.25	1.19	5.25	-	-	-	6.6	0.05	424	0070-0B
2821.00	sox		bulk	0.15	7.50	1.15	6.52	-	-	-	7.7	0.02	425	0071-0B
2845.00	min		bulk	0.50	4.87	1.92	2.54	-	-	-	5.4	0.09	358	0072-0B
2845.00	sox		bulk	0.42	4.58	2.00	2.29	-	-	-	5.0	0.08	362	0073-0B
2905.00	min		bulk	-	0.14	0.22	0.64	-	-	-	0.1	-	368	0074-0B
2905.00	sox		bulk	0.02	0.15	0.21	0.71	-	-	-	0.2	0.12	364	0075-0B

Table 6 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 6204/11-2

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2005.00	min	bulk	1.08	54.30	42.43	2.20	2.11	0060-0B
2005.00	sox	bulk	1.01	54.57	42.29	2.13	1.72	0061-0B
2365.00	min	bulk	2.29	40.45	44.50	12.76	4.35	0062-0B
2365.00	sox	bulk	2.25	43.21	44.20	10.34	3.70	0063-0B
2821.00	min	bulk	3.20	26.51	37.61	32.67	6.25	0070-0B
2821.00	sox	bulk	3.94	25.47	37.57	33.02	7.50	0071-0B

Table 8a: MPLC Bulk Composition: Weight of EOM and Fraction for well NOCS 6204/11-2 (MUD)

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
1900.00	mud	bulk	-	8.1	0.1	0.4	7.5	0.1	0.5	7.6	-	0001-0B
2750.00	mud	bulk	-	8.8	0.1	0.3	8.2	0.3	0.3	8.5	-	0002-0B

Table 8b: MPLC Bulk Composition: Concentration of EOM and Fraction (wt ppm rock) for well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1900.00	mud	bulk	-	-	-	-	-	-	-	0001-0B
2750.00	mud	bulk	-	-	-	-	-	-	-	0002-0B

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1900.00	mud	bulk	-	-	-	-	-	-	-	0001-0B
2750.00	mud	bulk	-	-	-	-	-	-	-	0002-0B

Table 8d: MPLC Bulk Composition: Material extracted from the rock (%) for well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	Total	HC	Non-HC	Recov. MPLC	Recov. Asph	Sample
1900.00	mud	bulk	0.82	4.94	92.59	1.65	100.00	5.76	94.24	3.60	1.00	0001-0B
2750.00	mud	bulk	0.97	2.92	93.18	2.92	100.00	3.90	96.10	2.80	1.00	0002-0B

Table 8e: MPLC Bulk Composition: Ratios for well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Typ	Lithology	Sat	HC	Asp	Sample
			Aro	Non-HC	NSO	
1900.00	mud	bulk	0.17	0.06	56.25	0001-0B
2750.00	mud	bulk	0.33	0.04	31.89	0002-0B

Table 8f: Iatroscan TLC Bulk Composition: Absolute yields in mg/g rock for well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>NSO</u>	<u>Asp</u>	<u>HC</u>	<u>Non-HC</u>	<u>EOM</u>	<u>Sample</u>
1900.00	mud	bulk	0.47	0.05	0.08	7.50	0.52	7.58	8.10	0001-0B
2750.00	mud	bulk	0.27	0.06	0.27	8.20	0.33	8.47	8.80	0002-0B

Table 8g: Iatroscan TLC Bulk Composition: Rel. percentages of sep. fractions for well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>NSO</u>	<u>Asp</u>	<u>Total</u>	<u>HC</u>	<u>Non-HC</u>	<u>Recov. Iatr.</u>	<u>Recov. Asp</u>	<u>Sample</u>
1900.00	mud	bulk	5.75	0.65	1.01	92.59	100.00	6.40	93.60	1.10	1.00	0001-0B
2750.00	mud	bulk	3.04	0.70	3.07	93.18	100.00	3.75	96.25	0.13	1.00	0002-0B

sample	nC15 mg/g sat	nC16 mg/g sat	iC18 mg/g sat	nC17 mg/g sat	Pr mg/g sat	nC18 mg/g sat	Ph mg/g sat	nC19 mg/g sat	nC20 mg/g sat	nC21 mg/g sat	nC22 mg/g sat	nC23 mg/g sat	nC24 mg/g sat	nC25 mg/g sat	nC26 mg/g sat	nC27 mg/g sat	nC28 mg/g sat	nC29 mg/g sat	nC30 mg/g sat	nC31 mg/g sat	nC32 mg/g sat	nC33 mg/g sat	nC34 mg/g sat
1900.00m	5.32	10.55	10.64	14.63	6.44	17.35	13.82	15.41	15.15	14.34	6.82	6.70	4.48	0.00	4.68	3.44	2.84	2.14	2.83	1.71	0.65	0.76	1.50
2750.00m	0.00	3.77	0.00	6.02	2.98	8.33	2.72	3.85	3.82	2.49	2.45	1.94	1.80	0.00	0.62	0.00	1.68	1.36	0.72	1.24	1.28	2.07	2.67

Table 9B: Saturated Hydrocarbon Ratios (peak area) for well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Typ	Lithology	<u>Pristane</u> <u>nC17</u>	<u>Pristane</u> <u>Phytane</u>	<u>Pristane/nC17</u> <u>Phytane/nC18</u>	<u>Phytane</u> <u>nC18</u>	<u>CPI1</u>	<u>nC17</u> <u>nC17+nC27</u>	<u>Sample</u>
1900.00	mud	bulk	0.44	0.47	0.55	0.80	0.58	0.81	0001-0B
2750.00	mud	bulk	0.49	1.09	1.51	0.33	0.57	1.00	0002-0B

Table 9Ca: Aromatic Hydrocarbon Ratios (peak area) for well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
1900.00	mud	bulk	-	-	-	-	-	-	-	-	-	-	0001-0B
2750.00	mud	bulk	-	-	-	-	-	-	-	-	-	-	0002-0B

Table 9Cb: Aromatic Hydrocarbon Ratios (peak area) for well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
1900.00	mud	bulk	-	-	0001-0B
2750.00	mud	bulk	-	-	0002-0B

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
1900.00	bulk	1.16	0.54	0.25	0.91	0.48	0.05	0.17	0.18	0.14	0.27	0.91	0.48	0.11	63.16	0001-0
2750.00	bulk	1.12	0.53	0.26	0.84	0.46	0.08	0.18	0.21	0.15	0.29	0.91	0.46	0.11	62.42	0002-0

List of Triterpane Distribution Ratios

Ratio 1: $27Tm / 27Ts$

Ratio 2: $27Tm / 27Tm+27Ts$

Ratio 3: $27Tm / 27Tm+30a\beta+30\beta a$

Ratio 4: $29a\beta / 30a\beta$

Ratio 5: $29a\beta / 29a\beta+30a\beta$

Ratio 6: $30d / 30a\beta$

Ratio 7: $28a\beta / 30a\beta$

Ratio 8: $28a\beta / 29a\beta$

Ratio 9: $28a\beta / 28a\beta+30a\beta$

Ratio 10: $24/3 / 30a\beta$

Ratio 11: $30a\beta / 30a\beta+30\beta a$

Ratio 12: $29a\beta+29\beta a / 29a\beta+29\beta a+30a\beta+30\beta a$

Ratio 13: $29\beta a+30\beta a / 29a\beta+30a\beta$

Ratio 14: $32a\beta S / 32a\beta S+32a\beta R$ (%)

Table 11b: Variation in Sterane Distribution (peak height) SIR for Well NOCS 6204/11-2 (MUD)

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>
1900.00	bulk	0.45	46.72	77.01	0.94	0.78	0.35	0.24	0.63	0.88	3.14	0001-0
2750.00	bulk	0.36	47.67	76.48	0.87	0.77	0.35	0.24	0.62	0.91	3.11	0002-0

List of Sterane Distribution Ratios

Ratio 1: $27d\beta S / 27d\beta S + 27aaR$

Ratio 2: $29aaS / 29aaS + 29aaR$ (%)

Ratio 3: $2 * (29\beta\beta R + 29\beta\beta S) / (29aaS + 29aaR + 2 * (29\beta\beta R + 29\beta\beta S))$ (%)

Ratio 4: $27d\beta S + 27d\beta R + 27daR + 27daS / 29d\beta S + 29d\beta R + 29daR + 29daS$

Ratio 5: $29\beta\beta R + 29\beta\beta S / 29\beta\beta R + 29\beta\beta S + 29aaS$

Ratio 6: $21a + 22a / 21a + 22a + 29aaS + 29\beta\beta R + 29\beta\beta S + 29aaR$

Ratio 7: $21a + 22a / 21a + 22a + 28daS + 28aaS + 29daR + 29aaS + 29\beta\beta R + 29\beta\beta S + 29aaR$

Ratio 8: $29\beta\beta R + 29\beta\beta S / 29aaS + 29\beta\beta R + 29\beta\beta S + 29aaR$

Ratio 9: $29aaS / 29aaR$

Ratio 10: $29\beta\beta R + 29\beta\beta S / 29aaR$

Table 11c: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Lithology	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28a β	25nor30a β	Sample
		29a β	29Ts	30d	29 β a	300	30a β	30 β a	30G	31a β S	
		31a β R	32a β S	32a β R	33a β S	33a β R	34a β S	34a β R	35a β S	35a β R	
1900.00	bulk	1151.7	684.3	432.9	630.6	350.5	808.9	941.6	415.2	846.2	0001-0
		2285.2	603.0	137.6	287.6	187.5	2514.7	243.3	188.7	943.1	
		698.9	546.6	318.9	389.3	212.8	268.5	160.5	223.1	153.5	
2750.00	bulk	444.1	252.8	165.2	196.5	103.6	295.9	331.6	156.0	450.7	0002-0
		727.6	200.2	67.7	81.9	86.0	868.5	87.4	77.1	359.4	
		260.0	228.1	137.4	149.8	82.6	113.2	68.6	107.1	82.2	

Table 11d: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daR	27daS	28dBS	28dBR	28daR*	Sample
		29dBS*	28daS*	27aaR	29dBR	29daR	28aaS	29daS*	28BS		
		28aaR	29aaS	29BSR	29BS	29aaR					
1900.00	bulk	421.9	265.7	605.6	367.2	179.2	181.3	291.1	180.1	273.4	0001-0
		620.8	429.4	731.2	321.9	146.4	175.6	336.4	337.3		
		137.9	222.5	454.8	342.5	253.7					
2750.00	bulk	177.7	117.9	231.8	165.6	64.6	61.5	141.2	71.5	110.3	0002-0
		247.4	171.5	415.3	145.4	80.0	75.3	126.0	149.2		
		68.6	98.5	195.8	140.1	108.1					

* 28daR coel with 27aaS, 29dBS coel with 27BSR, 28daS coel with 27BS, 29daS coel with 28BSR

Table 11e: Raw sterane data (peak height) m/z 218 SIR for Well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Lithology	27 β BR	27 β SS	28 β BR	28 β SS	29 β BR	29 β SS	30 β BR	30 β SS	Sample
1900.00	bulk	656.2	535.5	378.9	431.8	540.0	458.4	78.0	69.7	0001-0
2750.00	bulk	294.1	214.9	190.3	189.7	238.2	217.6	38.6	31.3	0002-0

Table 11f: Raw triterpane data (peak height) m/z 177 SIR for Well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>25nor28aß</u>	<u>25nor30aß</u>	<u>Sample</u>
1900.00	bulk	456.5	473.3	0001-0
2750.00	bulk	161.0	238.7	0002-0

Table 11g: Amount of triterpanes (ppb) m/z 191 SIR for Well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Lithology	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28aß	25nor30aß	Sample
		29aß	29Ts	30d	29ßa	300	30aß	30ßa	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
1900.00	bulk	33719.6 66908.2 20462.7	20034.1 17655.4 16004.6	12675.0 4030.1 9335.6	18462.7 8419.5 11397.0	10262.0 5488.4 6230.8	23683.5 73626.2 7860.5	27568.1 7124.8 4698.7	12155.4 5525.6 6532.2	24776.1 27612.5 4493.8	0001-0
2750.00	bulk	32297.7 52916.1 18907.1	18385.5 14559.0 16592.5	12016.6 4926.9 9989.4	14293.7 5958.1 10891.0	7536.6 6254.5 6006.3	21522.0 63163.7 8231.5	24115.5 6358.8 4989.1	11342.6 5609.3 7792.3	32776.3 26139.2 5981.1	0002-0

Table 11h: Amount of steranes (ppb) m/z 217 SIR for Well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daR	27daS	28dBS	28dBR	28daR*	Sample
		29dBS*	28daS*	27aaR	29dBR	29daR	28aaS	29daS*	28BS		
		28aaR	29aaS	29BR	29BS	29aaR					
1900.00	bulk	12353.0	7779.6	17730.2	10750.3	5247.9	5309.0	8521.7	5272.3	8004.0	0001-0
		18177.2	12572.0	21408.1	9423.4	4287.1	5142.7	9850.6	9876.3		
		4037.1	6513.1	13315.2	10028.4	7426.8					
2750.00	bulk	12924.2	8574.1	16859.9	12041.8	4699.4	4476.3	10267.4	5202.1	8022.3	0002-0
		17992.6	12472.2	30204.3	10571.4	5817.1	5474.6	9160.1	10854.2		
		4991.4	7164.0	14236.8	10190.7	7863.5					

* 28daR coel with 27aaS, 29dBS coel with 27BR, 28daS coel with 27BS, 29daS coel with 28BR

Table 11i: Amount of standard and weight of sample for Well NOCS 6204/11-2 (MUD)

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Standard</u>	<u>Amount</u>	<u>Weight</u>	<u>Sample</u>
1900.00	bulk	119540.7	0.700	0.2	0001-0
2750.00	bulk	96251.1	0.700	0.1	0002-0