



**GEOCHEMICAL REPORT FOR
WELL NOCS 6608/10-5**

NB!

Mud: Anco-2000 m / Anco-208 polyalkylene-glycol
+ OBM (diesel?)

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Table 1 : Lithology description for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1330.00						0015
	1.18	70	Sh/Clst:	m drk gy to gy blk, lam, sil		0015-1L
		30	Sh/Clst:	ol gy, brn gy, lt gn gy to gn gy, calc		0015-2L
1340.00						0016
	1.15	70	Sh/Clst:	m drk gy to gy blk, lam, sil		0016-1L
		30	Sh/Clst:	ol gy, brn gy, lt gn gy to gn gy, calc		0016-2L
2130.00						0017
	0.86	100	Sh/Clst:	m gy to ol gy, lt gn gy, st		0017-1L
			tr Ca	: brn gy, dol		0017-2L
2140.00						0018
	0.78	100	Sh/Clst:	m gy to ol gy, lt gn gy, st		0018-1L
			tr Ca	: brn gy, dol		0018-2L
2150.00						0019
	0.85	100	Sh/Clst:	m gy to ol gy, lt gn gy, st		0019-1L
			tr Ca	: brn gy, dol		0019-2L
2160.00						0020
	0.91	100	Sh/Clst:	m gy to ol gy, lt gn gy, st		0020-1L
			tr Ca	: brn gy, dol		0020-2L
2170.00						0021
	0.77	100	Sh/Clst:	m gy to ol gy, lt gn gy, st		0021-1L
			tr Ca	: brn gy, dol		0021-2L

Table 1 : Lithology description for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2476.00	swc					0001
			100	S/Sst : y gy, calc, slt, cly, glauc, f, sft		0001-1L
2489.50	swc					0002
			100	S/Sst : y gy, calc, slt, cly, glauc, f, sft		0002-1L
2500.00	swc					0003
			100	Slstst : y gy, calc, s, cly, glauc, f, sft		0003-1L
2543.00	swc					0004
			100	Slstst : y gy, calc, s, cly, glauc, f, sft		0004-1L
2634.50	swc					0005
		3.39	80	Sh/Clst: drk gy to gy blk, carb, mic		0005-1L
			20	Cont : dd		0005-2L
2637.00						0022
			50	Slstst : lt brn gy to brn gy, calc, s, cly, glauc		0022-1L
		1.97	20	Sh/Clst: brn gy to drk brn, slt		0022-2L
			10	S/Sst : lt brn gy, calc, slt, cly, mic, f		0022-3L
			10	Ca : brn gy, w, dol		0022-4L
			10	Cont : prp		0022-5L
2643.00						0023
		1.39	60	Sh/Clst: brn gy to drk brn, slt		0023-2L
			30	Slstst : lt brn gy to brn gy, calc, s, cly, glauc		0023-1L
			5	S/Sst : lt brn gy, calc, slt, cly, mic, f		0023-3L
			5	Cont : prp		0023-5L
			tr	Ca : brn gy, w, dol		0023-4L

Table 1 : Lithology description for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2649.00						0024
	1.55	80	Sh/Clst:	brn gy to drk brn, slt		0024-2L
		15	Sltst	: lt brn gy to brn gy, calc, s, cly, glauc		0024-1L
		5	Cont	: prp		0024-5L
		tr	S/Sst	: lt brn gy, calc, slt, cly, mic, f		0024-3L
		tr	Ca	: brn gy, w, dol		0024-4L
2655.00						0025
	1.55	80	Sh/Clst:	brn gy to drk brn, slt		0025-2L
		10	Sltst	: lt brn gy to brn gy, calc, s, cly, glauc		0025-1L
		10	S/Sst	: lt brn gy, calc, slt, cly, mic, f		0025-3L
		tr	Ca	: brn gy, w, dol		0025-4L
		tr	Cont	: prp		0025-5L
2663.00	swc					0006
		100	S/Sst	: lt brn gy, slt, mic, sft		0006-1L
2686.00	swc					0007
		70	Cont	: dd		0007-2L
		30	S/Sst	: lt brn gy, slt, mic, sft		0007-1L
2694.00	swc					0008
		70	Cont	: dd		0008-2L
		30	S/Sst	: lt brn gy, slt, mic, sft		0008-1L
2718.00						0026
		70	Cont	: prp		0026-5L
		15	Sh/Clst:	brn gy, lt gy to m gy, slt		0026-2L
		10	Sltst	: lt brn gy to brn gy, calc, s, cly, glauc		0026-1L
		5	S/Sst	: w, lt brn gy, f, crs		0026-3L
		tr	Ca	: brn gy, w, dol		0026-4L

Table 1 : Lithology description for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2727.00						0027
	1.60		40	Sh/Clst: brn gy to gy blk, slt		0027-2L
			30	Sltst : lt brn gy to brn gy, calc, s, cly, glauc		0027-1L
			20	Cont : prp		0027-5L
			10	S/Sst : w, lt brn gy, f		0027-3L
			tr	Ca : brn gy, w, dol		0027-4L
2733.00						0028
			30	Sltst : lt brn gy to brn gy, calc, s, cly, glauc		0028-1L
	1.50		30	Sh/Clst: brn gy to gy blk, slt		0028-2L
			20	S/Sst : w, lt brn gy, f		0028-3L
			20	Cont : prp		0028-5L
			tr	Ca : brn gy, w, dol		0028-4L
2752.50	swc					0010
			100	S/Sst : w to gy pi, calc, f, sft		0010-1L
2772.00						0029
			70	S/Sst : w to y gy, f, l		0029-1L
			20	Cont : prp		0029-3L
			10	Sh/Clst: brn gy, slt		0029-2L
2775.00	swc					0011
			100	S/Sst : lt brn gy, slt, f, sft		0011-1L
2778.00						0030
			80	S/Sst : w to y gy, f, crs, l		0030-1L
			10	Sh/Clst: brn gy, slt		0030-2L
			10	Cont : prp		0030-3L
2962.50	swc					0009
	62.90		100	Coal : blk		0009-1L

Table 1 : Lithology description for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3033.00						0031
	63.57	60	Sh/Clst:	brn blk to blk, carb		0031-1L
		30	Coal	: brn blk to blk, cly		0031-2L
		10	Sh/Clst:	brn gy, slt		0031-3L
		tr	S/Sst	: brn gy, slt		0031-4L
3063.00						0032
	51.35	60	Sh/Clst:	brn blk to blk, carb		0032-1L
		30	Coal	: brn blk to blk, cly		0032-2L
		10	Sh/Clst:	brn gy, slt		0032-3L
		tr	S/Sst	: brn gy, slt		0032-4L
3144.00	swc					0012
		70	S/Sst	: w to gy brn, cly, mic, crs, calc,		0012-1L
				f		
		30	Cont	: dd		0012-2L
3174.00						0033
	63.64	50	Sh/Clst:	brn blk to blk, carb		0033-1L
		40	Coal	: brn blk to blk, cly		0033-2L
		10	Sh/Clst:	brn gy, slt		0033-3L
		tr	S/Sst	: brn gy, slt		0033-4L
3198.00						0034
	25.50	45	Sh/Clst:	brn gy, slt		0034-3L
		35	Sh/Clst:	brn blk to blk, carb		0034-1L
		10	Coal	: brn blk to blk, cly		0034-2L
		10	S/Sst	: w, crs		0034-4L

Table 2a: Rock-Eval table for well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	H1	OI	PP	PI	Tmax	Sample
1830.00	cut	Sh/Clst: m drk gy to gy blk	0.10	2.94	0.77	3.82	1.18	249	65	3.0	0.03	428	0015-1L
1840.00	cut	Sh/Clst: m drk gy to gy blk	0.04	2.68	0.93	2.88	1.15	233	81	2.7	0.01	430	0016-1L
2130.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	0.02	1.11	0.63	1.76	0.86	129	73	1.1	0.02	426	0017-1L
2140.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	0.02	0.86	0.58	1.48	0.78	110	74	0.9	0.02	426	0018-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	0.03	0.72	0.64	1.13	0.85	85	75	0.8	0.04	424	0019-1L
2160.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	0.03	0.76	0.58	1.31	0.91	84	64	0.8	0.04	426	0020-1L
2170.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	0.06	0.71	0.59	1.20	0.77	92	77	0.8	0.08	424	0021-1L
2476.00	swc	S/Sst : y gy	8.10	1.89	0.73	2.59	-	-	-	10.0	0.81	407	0001-1L
2489.50	swc	S/Sst : y gy	2.41	1.65	2.04	0.81	-	-	-	4.1	0.59	362	0002-1L
2500.00	swc	Sltst : y gy	1.89	2.14	1.32	1.62	-	-	-	4.0	0.47	-	0003-1L
2543.00	swc	Sltst : y gy	2.80	2.99	1.04	2.88	-	-	-	5.8	0.48	418	0004-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	3.92	5.65	3.02	1.87	3.39	167	89	9.6	0.41	397	0005-1L
2637.00	cut	Sh/Clst: brn gy to drk brn	0.50	3.39	1.03	3.29	1.97	172	52	3.9	0.13	430	0022-2L
2643.00	cut	Sh/Clst: brn gy to drk brn	0.48	2.96	0.65	4.55	1.39	213	47	3.4	0.14	431	0023-2L
2649.00	cut	Sh/Clst: brn gy to drk brn	0.49	2.51	0.65	3.86	1.55	162	42	3.0	0.16	428	0024-2L
2655.00	cut	Sh/Clst: brn gy to drk brn	0.58	3.57	0.88	4.06	1.55	230	57	4.2	0.14	430	0025-2L

Table 2a: Rock-Eval table for well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2663.00	swc	S/Sst : lt brn gy	8.12	4.40	1.82	2.42	-	-	-	12.5	0.65	412	0006-1L
2686.00	swc	S/Sst : lt brn gy	8.41	2.98	2.69	1.11	-	-	-	11.4	0.74	411	0007-1L
2694.00	com	bulk	9.01	4.32	3.54	1.22	-	-	-	13.3	0.68	407	0013-0B
2718.00	com	bulk	0.31	2.39	0.94	2.54	1.48	161	64	2.7	0.11	430	0035-0B
2727.00	cut	Sh/Clst: brn gy to gy blk	0.25	1.74	1.18	1.47	1.60	109	74	2.0	0.13	434	0027-2L
2733.00	cut	Sh/Clst: brn gy to gy blk	0.21	1.43	1.11	1.29	1.50	95	74	1.6	0.13	434	0028-2L
2752.50	swc	S/Sst : w to gy pi	3.15	1.13	1.54	0.73	-	-	-	4.3	0.74	363	0010-1L
2772.00	cut	S/Sst : w to y gy	0.07	0.18	1.09	0.17	-	-	-	0.3	0.28	427	0029-1L
2775.00	swc	S/Sst : lt brn gy	8.15	1.99	3.74	0.53	-	-	-	10.1	0.80	387	0011-1L
2778.00	cut	S/Sst : w to y gy	0.11	0.19	0.82	0.23	-	-	-	0.3	0.37	388	0030-1L
2962.50	swc	Coal : blk	24.68	150.63	10.85	13.88	62.90	239	17	175.3	0.14	435	0009-1L
3033.00	cut	Sh/Clst: brn blk to blk	29.50	170.50	16.25	10.49	63.57	268	26	200.0	0.15	431	0031-1L
3063.00	cut	Sh/Clst: brn blk to blk	24.62	166.85	10.18	16.39	51.35	325	20	191.5	0.13	430	0032-1L
3144.00	swc	S/Sst : w to gy brn	1.98	1.64	0.82	2.00	-	-	-	3.6	0.55	586	0012-1L
3174.00	cut	Sh/Clst: brn blk to blk	24.39	198.53	13.90	14.28	63.64	312	22	222.9	0.11	434	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	8.05	88.95	3.88	22.93	25.50	349	15	97.0	0.08	432	0034-1L

Table 2b: Rock-Eval table for well RE, STD

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1.00	std	bulk	0.49	19.55	1.89	10.34	-	-	-	20.0	0.02	420	0054-0B
2.00	std	bulk	0.45	18.76	1.81	10.36	-	-	-	19.2	0.02	423	0055-0B
3.00	std	bulk	0.42	18.90	1.83	10.33	-	-	-	19.3	0.02	419	0056-0B
4.00	std	bulk	0.46	18.78	1.90	9.88	-	-	-	19.2	0.02	420	0057-0B

Table 3 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
1830.00	cut	Sh/Clst: m drk gy to gy blk	4.26	14.23	57.08	24.44	-	0015-1L
2130.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	8.34	25.72	53.48	12.46	-	0017-1L
2140.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	7.70	23.54	53.74	15.02	-	0018-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	7.92	24.52	54.22	13.34	-	0019-1L
2160.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	13.55	21.81	49.61	15.03	-	0020-1L
2170.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	9.80	30.19	52.42	7.59	-	0021-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	10.07	34.31	45.63	10.00	-	0005-1L
2637.00	cut	Sh/Clst: brn gy to drk brn	7.43	31.31	46.60	14.66	-	0022-2L
2655.00	cut	Sh/Clst: brn gy to drk brn	7.69	32.21	45.87	14.23	-	0025-2L
2727.00	cut	Sh/Clst: brn gy to gy blk	8.81	41.21	41.41	8.57	-	0027-2L
3033.00	cut	Sh/Clst: brn blk to blk	13.13	18.18	29.86	38.83	-	0031-1L
3174.00	cut	Sh/Clst: brn blk to blk	16.13	21.23	32.55	30.08	-	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	13.12	19.61	27.60	39.67	-	0034-1L

Table 4: Visual Kerogen Composition Data: NOCS 6608/10-5

Depth Units: m

Depth	Spl	Lith	Amorphous			Algal/Phytoplankton					Herbaceous				Woody				Coaly			SCI
			AM%	FA	HA	AP%	Cy	Ta	Bo	Di	De	HE%	SP	Cu	De	WO%	FL	NF	De	CO%	FS	
1830.00		Sh/Clst	Tr	*		Tr	*		*		30	**			Tr		*	*	70	*	**	3.0-3.5
2150.00		Sh/Clst	0			5	*		*	*	25	**	*	*	30		**	*	40	**	*	4.0
2150.00	ME	Sh/Clst	0			5	*		*	*	75	*	*	**	5		**	*	15	*	**	4.0-4.5
2634.50		Sh/Clst	45	**	?	5	*		*	*	15	*	*	*	20		*	**	15	*	**	5.5
2643.00		Bulk	65	**	?	Tr	*		*		10	*	*	*	15		*	**	10	*	**	5.5-6.0
2655.00		Bulk	30	**	?	Tr	*		*		20	*	*	*	20		*	**	30	*	**	5.5-6.0
2733.00		Bulk	0			Tr	*		*		25	**	*	*	35		**	*	40	**	*	5.5-6.0
3033.00		Sh/Clst	0			Tr	*				25	*	**	*	60	**	*	*	15	**	*	6.0(?)
3174.00		Sh/Clst	0			Tr	*				35	*	**	*	55	**	*	*	10	**	*	6.0(?)
3198.00		Sh/Clst	50	*	?	Tr	*				10	**	*	*	35	**	*	*	5	**	*	6.0-6.5?

Table 5a *Vitrinite reflectance data*

Well
6608/10-5

IFE no.	Depth, mRKB	Sample type	Lithology	%Rm	Std. dev.	N	Quality	Preparation
951075	1260	cut	clst	0.34	0.04	28	M	HF
951076	1350	cut	clst	0.31	0.06	18	M	HF
951077	1460	cut	clst	0.29	0.04	17	M	HF
951078	1560	cut	clst	0.30	0.04	25	M	HF
951079	1660	cut	clst	0.33	0.05	23	M	HF
951080	1770	cut	clst	0.33	0.03	22	M	HF
951081	1850	cut	clst	0.38	0.04	8	M	HF
951082	1950	cut	clst	0.38	0.04	8	M	HF
951083	2070	cut	clst	0.36	0.03	17	M	HF
951084	2190	cut	clst	0.43	0.07	26	M	HF
951085	2290	cut	clst	0.47	0.06	23	M	HF
951086	2390	cut	clst	0.50	0.06	23	M	HF
951087	2460	cut	clst	0.49	0.08	18	M-st	HF
951088	2562	cut	clst	0.49	0.08	23	M-st	HF
951089	2640	cut	clst	0.51	0.04	24	M-st	HF
951090	2709	cut	clst	0.46	0.04	22	M-st	HF
951091	2754	cut	clst	0.54	0.05	24	M	HF
951092	2844	cut	clst	0.47	0.04	22	M-st	HF
951093	2886	cut	clst/coal	0.54	0.06	20	M-st	HF
951094	2928	cut	clst/coal	0.49	0.04	21	P-st	HF
951095	3030	cut	clst/coal	0.62	0.05	25	M	HF
951096	3081	cut	clst/coal	0.59	0.05	21	M	HF
951097	3111	cut	clst/coal	0.60	0.04	24	M	HF
951098	3162	cut	coal	0.57	0.04	23	M	HF
951099	3200	cut	clst/coal	0.62	0.05	23	M	HF

G	Good quality	P	Poor quality	st	HC-staining	HF	HF-treated
M	Moderate quality	X	Not vitrinite	Barren	Barren of vitrinite	Bulk	Bulk rock

Table 5b *Interpreted vitrinite reflectance versus depth trend*

Well 6608/10-5	Depth, mRKB	%Rm-trend
	Sea bed	
	400	
	500	
	600	
	700	
	800	
	900	
	1000	
	1100	
	1200	0.27
	1300	0.28
	1400	0.29
	1500	0.30
	1600	0.32
	1700	0.33
	1800	0.35
	1900	0.37
	2000	0.39
	2100	0.41
	2200	0.42
	2300	0.44
	2400	0.46
	2500	0.48
	2600	0.50
	2700	0.52
	2800	0.53
	2900	0.56
	3000	0.58
	3100	0.60
	3200	0.63
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	
	4100	
	4200	
	4300	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	
	5000	

Table 6a NORMALISED COMPONENT GROUP COMPOSITION (WT %) OF EXTRACTS (C15+), WELL NOCS 6608/10-5											
Depth m RBK	sample type	sample no.	Rock (g)	EOM (mg)	EOM (ppm)	Sat (%)	Aro (%)	Pol. (%)	Asph. (%)	HC (%)	non-HC (%)
1830.00	cuttings	15-1L	8.6	3.9	453	13	0	79	8	13	87
2150.00	cuttings	19-1L	8.7	7.6	873	4	0	67	29	4	96
2634.50	swc	5-1L	1.2	20.1	16080	3	0	85	12	3	97
2643.00	cuttings	36-0B	7.9	27.8	3510	1	1	77	21	2	98
2655.00	cuttings	37-0B	7.6	15	1971	1	1	79	19	2	98
2733.00	cuttings	38-0B	5.1	5.1	2191	1	0	78	21	1	99
3033.00	cuttings	31-1L	3.9	312.9	79416	1	7	45	47	8	92
3174.00	cuttings	33-1L	4.7	355.6	75338	0	8	26	66	8	92
3198.00	cuttings	34-1L	3.8	108.8	28259	1	7	37	55	8	92
2476	swc	1-1L	3.5	40.3	11681	52	8	32	8	60	40
2500	swc	3-1L	3.5	16.6	4756	27	10	59	4	37	63
2543	swc	4-1L	2.8	13.6	4892	29	13	56	2	42	58
2663	swc	6-1L	4.4	65.6	14875	42	26	28	4	68	32
2686	swc	7-1L	3.5	59.4	17167	9	1	89	1	10	90
2694	cuttings	13-0B	3.8	72.2	19151	14	3	82	1	17	83
2752.5	swc	10-1L	3.3	27.2	8217	3	0	96	1	3	97
2775	swc	11-1L	5.2	85.8	16468	6	0	93	1	6	94
2778	cuttings	30-0B	11.3	6.4	567	4	0	78	17	4	95
3144	swc	12-1L	5.5	355.6	13897	3	0	96	1	3	97

Table 6b COMPONENT GROUP COMPOSITION (CONCENTRATIONS) OF EXTRACTED ORGANIC MATTER (C15+), WELL NOCS 6608/10-5											
Depth m RBK	sample type	sample no.	TOC (%)	EOM	Sat	Aro	Pol	Asph	Sat Aro	HC non-HC	
1830.00	cuttings	15-1L	0.86	52.7	6.8	0.0	41.6	4.1	n.c.	14.99	
2150.00	cuttings	19-1L	1.15	75.9	3.0	0.0	50.9	22.0	n.c.	4.17	
2634.50	swc	5-1L	3.00	536.0	16.1	0.0	455.6	66.7	n.c.	3.08	
2643.00	cuttings	36-0B	1.67	210.2	2.1	2.1	161.8	43.1	100.0	2.05	
2655.00	cuttings	37-0B	1.67	118.0	1.2	1.2	93.2	22.8	100.0	2.03	
2733.00	cuttings	38-0B	1.43	153.2	1.5	0.0	119.5	31.5	n.c.	1.01	
3033.00	cuttings	31-1L	57.7	137.6	1.4	9.6	61.9	64.5	14.3	8.71	
3174.00	cuttings	33-1L	53.1	141.9	0.0	11.4	36.9	94.0	0.0	8.67	
3198.00	cuttings	34-1L	19.2	147.2	1.5	10.3	54.5	81.3	14.3	8.67	

CONCENTRATION OF EOM AND CHROMATOGRAPHIC FRACTION (WT. PPM ROCK), WELL NOCS 6608/105									
Depth m RBK	sample type	sample no.	EOM	Sat	Aro	Pol.	Asph.	HC	non-HC
1830.00	cuttings	15-1L	452	59	0	358	35	59	393
2150.00	cuttings	19-1L	873	35	0	585	253	35	838
2634.50	swc	5-1L	16151	482	0	13668	2000	482	15668
2643.00	cuttings	36-0B	3492	35	35	2703	720	70	3422
2655.00	cuttings	37-0B	1978	20	20	1557	381	39	1938
2733.00	cuttings	38-0B	2181	22	0	1709	450	22	2159
3033.00	cuttings	31-1L	79321	794	5559	35737	37230	6353	72967
3174.00	cuttings	33-1L	75549	0	6027	19588	49934	6027	69522
3198.00	cuttings	34-1L	28327	283	1978	10456	15610	2261	26066
2476	swc	1-1L	11732	6074	934	3738	986	7009	4724
2500	swc	3-1L	4737	1284	476	2806	172	1760	2978
2543	swc	4-1L	4902	1419	636	2740	108	2055	2848
2663	swc	6-1L	14893	6248	3868	4165	613	10115	4778
2686	swc	7-1L	17198	1545	172	15279	203	1717	15481
2694	cuttings	13-0B	19172	2681	575	15704	213	3256	15916
2752.5	swc	10-1L	8217	247	0	7888	82	247	7970
2775	swc	11-1L	16468	988	0	15315	165	988	15480
2778	cuttings	30-0B	562	23	0	442	97	23	540
3144	swc	12-1L	13904	417	0	13341	146	417	13487

Table 7 a: Weight of EOM and Chromatographic Fraction for well NOCS 6608/10-5

Page: 1

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC (e) (%)	Sample
1830.00	cut	Sh/Clst: m drk gy to gy blk	8.6	3.9	1.4	1.1	0.3	1.1	2.5	1.4	0.86	0015-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	8.7	7.6	1.3	1.9	2.2	2.2	3.2	4.4	1.15	0019-1L
2476.00	swc	S/Sst : y gy	3.5	40.3	22.8	9.4	3.4	4.7	32.2	8.1	0.76	0001-1L
2500.00	swc	Sltst : y gy	3.5	16.6	3.8	1.8	0.6	10.4	5.6	11.0	0.59	0003-1L
2543.00	swc	Sltst : y gy	2.8	13.6	3.9	2.8	0.3	6.6	6.7	6.9	0.68	0004-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	1.2	20.1	1.5	0.4	2.5	15.7	1.9	18.2	3.00	0005-1L
2643.00	com	Composite sample - see table 7 e	7.9	27.8	3.2	0.5	5.7	18.4	3.7	24.1	1.67	0036-0B
2655.00	com	Composite sample - see table 7 e	7.6	15.0	1.2	0.6	2.9	10.3	1.8	13.2	1.67	0037-0B
2663.00	swc	S/Sst : lt brn gy	4.4	65.6	32.9	25.5	2.7	4.5	58.4	7.2	1.66	0006-1L
2686.00	swc	S/Sst : lt brn gy	3.5	59.4	5.8	0.8	0.7	52.1	6.6	52.8	1.08	0007-1L
2694.00	com	Composite sample - see table 7 e	3.8	72.2	31.1	16.8	0.8	23.5	47.9	24.3	1.12	0013-0B
2733.00	com	Composite sample - see table 7 e	5.1	11.2	0.4	0.7	2.3	7.8	1.1	10.1	1.43	0038-0B
2752.50	swc	S/Sst : w to gy pi	3.3	27.2	1.4	2.1	0.1	23.6	3.5	23.7	0.36	0010-1L
2775.00	swc	S/Sst : lt brn gy	5.2	85.8	8.1	2.3	0.4	75.0	10.4	75.4	0.90	0011-1L
2778.00	cut	S/Sst : w to y gy	11.3	6.4	1.0	0.7	1.1	3.6	1.7	4.7	0.19	0030-1L

Table 7 a: Weight of EOM and Chromatographic Fraction for well NOCS 6608/10-5

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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
3033.00	cut	Sh/Clst: brn blk to blk	3.9	312.9	8.0	14.4	146.7	143.8	22.4	290.5	57.70	0031-1L
3144.00	swc	S/Sst : w to gy brn	5.5	76.3	4.9	1.7	0.8	68.9	6.6	69.7	0.75	0012-1L
3174.00	cut	Sh/Clst: brn blk to blk	4.7	355.6	5.6	8.0	235.7	106.3	13.6	342.0	53.10	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	3.8	108.8	3.8	6.4	60.1	38.5	10.2	98.6	19.20	0034-1L

Table 7 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 6608/10-5

Page: 1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1830.00	cut	Sh/Clst: m drk gy to gy blk	453	162	127	34	127	290	162	0015-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	873	149	218	252	252	367	505	0019-1L
2476.00	swc	S/Sst : y gy	11681	6608	2724	985	1362	9333	2347	0001-1L
2500.00	swc	Sltst : y gy	4756	1088	515	171	2979	1604	3151	0003-1L
2543.00	swc	Sltst : y gy	4892	1402	1007	107	2374	2410	2482	0004-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	16080	1200	320	2000	12560	1520	14560	0005-1L
2643.00	com	Composite sample - see table 7 e	3510	404	63	719	2323	467	3042	0036-0B
2655.00	com	Composite sample - see table 7 e	1971	157	78	381	1353	236	1734	0037-0B
2663.00	swc	S/Sst : lt brn gy	14875	7460	5782	612	1020	13242	1632	0006-1L
2686.00	swc	S/Sst : lt brn gy	17167	1676	231	202	15057	1907	15260	0007-1L
2694.00	com	Composite sample - see table 7 e	19151	8249	4456	212	6233	12705	6445	0013-0B
2733.00	com	Composite sample - see table 7 e	2191	78	136	450	1526	215	1976	0038-0B
2752.50	swc	S/Sst : w to gy pi	8217	422	634	30	7129	1057	7160	0010-1L
2775.00	swc	S/Sst : lt brn gy	16468	1554	441	76	14395	1996	14472	0011-1L
2778.00	cut	S/Sst : w to y gy	567	88	62	97	319	150	416	0030-1L

Table 7 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3033.00	cut	Sh/Clst: brn blk to blk	79416	2030	3654	37233	36497	5685	73730	0031-1L
3144.00	swc	S/Sst : w to gy brn	13897	892	309	145	12550	1202	12695	0012-1L
3174.00	cut	Sh/Clst: brn blk to blk	75338	1186	1694	49936	22521	2881	72457	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	28259	987	1662	15610	10000	2649	25610	0034-1L

Table 7 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1830.00	cut	Sh/Clst: m drk gy to gy blk	52.73	18.93	14.87	4.06	14.87	33.80	18.93	0015-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	75.96	12.99	18.99	21.99	21.99	31.98	43.98	0019-1L
2476.00	swc	S/Sst : y gy	1536.99	869.57	358.50	129.67	179.25	1228.07	308.92	0001-1L
2500.00	swc	Sltst : y gy	806.18	184.55	87.42	29.14	505.08	271.96	534.21	0003-1L
2543.00	swc	Sltst : y gy	719.42	206.31	148.12	15.87	349.13	354.42	365.00	0004-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	536.00	40.00	10.67	66.67	418.67	50.67	485.33	0005-1L
2643.00	com	Composite sample - see table 7 e	210.19	24.19	3.78	43.10	139.12	27.97	182.21	0036-0B
2655.00	com	Composite sample - see table 7 e	118.03	9.44	4.72	22.82	81.05	14.16	103.87	0037-0B
2663.00	swc	S/Sst : lt brn gy	896.10	449.42	348.33	36.88	61.47	797.75	98.35	0006-1L
2686.00	swc	S/Sst : lt brn gy	1589.60	155.21	21.41	18.73	1394.24	176.62	1412.97	0007-1L
2694.00	com	Composite sample - see table 7 e	1709.93	736.55	397.88	18.95	556.56	1134.43	575.50	0013-0B
2733.00	com	Composite sample - see table 7 e	153.27	5.47	9.58	31.48	106.74	15.05	138.22	0038-0B
2752.50	swc	S/Sst : w to gy pi	2282.65	117.49	176.23	8.39	1980.53	293.72	1988.92	0010-1L
2775.00	swc	S/Sst : lt brn gy	1829.81	172.74	49.05	8.53	1599.49	221.80	1608.02	0011-1L
2778.00	cut	S/Sst : w to y gy	298.62	46.66	32.66	51.33	167.97	79.32	219.30	0030-1L

Table 7 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3033.00	cut	Sh/Clst: brn blk to blk	137.64	3.52	6.33	64.53	63.25	9.85	127.78	0031-1L
3144.00	swc	S/Sst : w to gy brn	1853.07	119.00	41.29	19.43	1673.35	160.29	1692.78	0012-1L
3174.00	cut	Sh/Clst: brn blk to blk	141.88	2.23	3.19	94.04	42.41	5.43	136.46	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	147.19	5.14	8.66	81.30	52.08	13.80	133.39	0034-1L

Table 7 d: Composition of material extracted from the rock (%) for well NOCS 6608/10-5

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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	
1830.00	cut	Sh/Clst: m drk gy to gy blk	35.90	28.21	7.69	28.21	64.10	35.90	127.27	178.57	0015-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	17.11	25.00	28.95	28.95	42.11	57.89	68.42	72.73	0019-1L
2476.00	swc	S/Sst : y gy	56.58	23.33	8.44	11.66	79.90	20.10	242.55	397.53	0001-1L
2500.00	swc	Sltst : y gy	22.89	10.84	3.61	62.65	33.73	66.27	211.11	50.91	0003-1L
2543.00	swc	Sltst : y gy	28.68	20.59	2.21	48.53	49.26	50.74	139.29	97.10	0004-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	7.46	1.99	12.44	78.11	9.45	90.55	375.00	10.44	0005-1L
2643.00	com	Composite sample - see table 7 e	11.51	1.80	20.50	66.19	13.31	86.69	640.00	15.35	0036-0B
2655.00	com	Composite sample - see table 7 e	8.00	4.00	19.33	68.67	12.00	88.00	200.00	13.64	0037-0B
2663.00	swc	S/Sst : lt brn gy	50.15	38.87	4.12	6.86	89.02	10.98	129.02	811.11	0006-1L
2686.00	swc	S/Sst : lt brn gy	9.76	1.35	1.18	87.71	11.11	88.89	725.00	12.50	0007-1L
2694.00	com	Composite sample - see table 7 e	43.07	23.27	1.11	32.55	66.34	33.66	185.12	197.12	0013-0B
2733.00	com	Composite sample - see table 7 e	3.57	6.25	20.54	69.64	9.82	90.18	57.14	10.89	0038-0B
2752.50	swc	S/Sst : w to gy pi	5.15	7.72	0.37	86.76	12.87	87.13	66.67	14.77	0010-1L
2775.00	swc	S/Sst : lt brn gy	9.44	2.68	0.47	87.41	12.12	87.88	352.17	13.79	0011-1L
2778.00	cut	S/Sst : w to y gy	15.62	10.94	17.19	56.25	26.56	73.44	142.86	36.17	0030-1L

Table 7 d: Composition of material extracted from the rock (%) for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
			EOM	EOM	EOM	EOM	EOM	EOM	Aro	Non-HC	
3033.00	cut	Sh/Clst: brn blk to blk	2.56	4.60	46.88	45.96	7.16	92.84	55.56	7.71	0031-1L
3144.00	swc	S/Sst : w to gy brn	6.42	2.23	1.05	90.30	8.65	91.35	288.24	9.47	0012-1L
3174.00	cut	Sh/Clst: brn blk to blk	1.57	2.25	66.28	29.89	3.82	96.18	70.00	3.98	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	3.49	5.88	55.24	35.39	9.37	90.63	59.37	10.34	0034-1L

Depth unit of measure: m

NOTE: Depths shown in tables 7 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>
2637.00	2643.00	com	0036-0B is composed of:	2637.00	cut	Sh/Clst: brn gy to drk brn, slt	0022-2L
				2643.00	cut	Sh/Clst: brn gy to drk brn, slt	0023-2L
2649.00	2655.00	com	0037-0B is composed of:	2649.00	cut	Sh/Clst: brn gy to drk brn, slt	0024-2L
				2655.00	cut	Sh/Clst: brn gy to drk brn, slt	0025-2L
2694.00	2694.00	com	0013-0B is composed of:	2694.00	swc	S/Sst : lt brn gy, slt, mic, sft	0008-1L
				2694.00	swc	Cont : dd	0008-2L
2727.00	2733.00	com	0038-0B is composed of:	2727.00	cut	Sh/Clst: brn gy to gy blk, slt	0027-2L
				2733.00	cut	Sh/Clst: brn gy to gy blk, slt	0028-2L

Table 8: Saturated Hydrocarbon Ratios for well NOCS 6608/10-5

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Depth unit of measure: m			Pristane	Pristane	Pristane/nC17	Phytane	nC17		
Depth	Typ	Lithology	nC17	Phytane	Phytane/nC18	nC18	CPI1	nC17+nC27	Sample
1830.00	cut	Sh/Clst: m drk gy to gy blk	0.45	2.10	1.90	0.24	1.69	0.73	0015-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	0.49	1.07	1.10	0.44	1.70	0.80	0019-1L
2476.00	swc	S/Sst : y gy	0.54	1.76	1.82	0.30	1.10	0.64	0001-1L
2500.00	swc	Sltst : y gy	0.43	1.49	1.60	0.27	1.15	0.66	0003-1L
2543.00	swc	Sltst : y gy	0.48	1.64	1.64	0.29	1.09	0.90	0004-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	0.50	2.19	1.79	0.28	1.45	0.89	0005-1L
2643.00	com	bulk	1.06	3.14	3.17	0.34	1.93	0.51	0036-0B
2655.00	com	bulk	1.11	2.59	2.94	0.38	1.40	0.51	0037-0B
2663.00	swc	S/Sst : lt brn gy	0.38	2.07	2.30	0.17	1.16	0.35	0006-1L
2686.00	swc	S/Sst : lt brn gy	0.43	1.05	1.21	0.36	1.17	0.81	0007-1L
2694.00	com	bulk	0.40	1.04	1.26	0.32	1.17	0.63	0013-0B
2733.00	com	bulk	0.52	2.21	2.54	0.21	1.69	0.65	0038-0B
2752.50	swc	S/Sst : w to gy pi	0.40	1.08	1.18	0.34	1.27	0.93	0010-1L
2775.00	swc	S/Sst : lt brn gy	0.40	1.05	1.14	0.35	1.24	0.95	0011-1L
2778.00	cut	S/Sst : w to y gy	0.50	1.65	2.05	0.25	1.50	0.75	0030-1L

Table 8: Saturated Hydrocarbon Ratios for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	<u>Pristane</u> nC17	<u>Pristane</u> Phytane	<u>Pristane/nC17</u> Phytane/nC18	<u>Phytane</u> nC18	CPI1	<u>nC17</u> nC17+nC27	Sample
3033.00	cut	Sh/Clst: brn blk to blk	2.71	8.13	9.95	0.27	1.62	0.41	0031-1L
3144.00	swc	S/Sst : w to gy brn	0.41	1.10	1.26	0.33	1.25	0.93	0012-1L
3174.00	cut	Sh/Clst: brn blk to blk	3.34	8.76	9.30	0.36	1.59	0.64	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	3.22	5.52	5.98	0.54	1.71	0.46	0034-1L

Table 9a: Aromatic Hydrocarbon Ratios for well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
1830.00	cut	Sh/Clst: m drk gy to gy blk	-	-	-	0.58	0.68	0.50	0.81	-	-	-	0015-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	-	-	-	-	-	-	-	-	-	-	0019-1L
2476.00	swc	S/Sst : y gy	0.86	0.94	0.26	0.77	0.77	0.67	0.86	-	-	-	0001-1L
2500.00	swc	Sltst : y gy	0.59	1.52	0.33	1.21	0.93	0.92	0.96	0.61	6.04	1.69	0003-1L
2543.00	swc	Sltst : y gy	0.58	1.48	0.27	-	0.52	-	0.71	-	-	-	0004-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	-	-	-	-	-	-	-	-	-	-	0005-1L
2643.00	com	bulk	-	-	-	0.85	0.47	0.47	0.68	-	-	-	0036-0B
2655.00	com	bulk	-	-	-	0.90	0.45	0.45	0.67	-	-	-	0037-0B
2663.00	swc	S/Sst : lt brn gy	1.32	2.52	0.44	1.15	0.75	0.79	0.85	0.29	3.33	1.42	0006-1L
2686.00	swc	S/Sst : lt brn gy	-	-	-	1.14	0.59	0.61	0.76	0.16	4.56	1.98	0007-1L
2694.00	com	bulk	-	-	-	1.17	0.26	0.28	0.56	0.05	-	-	0013-0B

Table 9a: Aromatic Hydrocarbon Ratios for well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2733.00	com	bulk	-	-	-	1.00	0.63	0.63	0.78	-	-	-	0038-0B
2752.50	swc	S/Sst : w to gy pi	-	-	-	0.97	0.49	0.45	0.70	-	-	-	0010-1L
2775.00	swc	S/Sst : lt brn gy	-	-	-	0.99	0.28	0.19	0.57	-	-	-	0011-1L
2778.00	cut	S/Sst : w to y gy	-	-	-	0.92	0.74	0.75	0.84	-	-	-	0030-1L
3033.00	cut	Sh/Clst: brn blk to blk	1.25	1.65	0.06	0.71	0.54	0.60	0.72	0.17	2.25	-	0031-1L
3144.00	swc	S/Sst : w to gy brn	-	-	-	0.92	0.47	0.45	0.68	-	-	-	0012-1L
3174.00	cut	Sh/Clst: brn blk to blk	1.15	1.73	-	0.72	0.59	0.67	0.75	-	-	-	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	1.09	1.72	0.05	0.80	0.61	0.69	0.77	0.23	-	-	0034-1L

Table 9b: Aromatic Hydrocarbon Ratios for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
1830.00	cut	Sh/Clst: m drk gy to gy blk	0.41	0.15	0015-1L
2150.00	cut	Sh/Clst: m gy to ol gy, lt gn gy	-	-	0019-1L
2476.00	swc	S/Sst : y gy	0.46	0.20	0001-1L
2500.00	swc	Sltst : y gy	0.49	0.24	0003-1L
2543.00	swc	Sltst : y gy	0.35	-	0004-1L
2634.50	swc	Sh/Clst: drk gy to gy blk	-	-	0005-1L
2643.00	com	bulk	0.43	0.21	0036-0B
2655.00	com	bulk	0.45	0.23	0037-0B
2663.00	swc	S/Sst : lt brn gy	0.49	0.26	0006-1L
2686.00	swc	S/Sst : lt brn gy	0.49	0.25	0007-1L
2694.00	com	bulk	0.47	0.25	0013-0B
2733.00	com	bulk	0.47	0.23	0038-0B
2752.50	swc	S/Sst : w to gy pi	0.49	0.22	0010-1L
2775.00	swc	S/Sst : lt brn gy	0.56	0.19	0011-1L
2778.00	cut	S/Sst : w to y gy	0.46	0.23	0030-1L
3033.00	cut	Sh/Clst: brn blk to blk	0.40	0.22	0031-1L

Table 9b: Aromatic Hydrocarbon Ratios for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
3144.00	swc	S/Sst : w to gy brn	0.47	0.23	0012-1L
3174.00	cut	Sh/Clst: brn blk to blk	0.41	0.23	0033-1L
3198.00	cut	Sh/Clst: brn blk to blk	0.43	0.24	0034-1L

Table 10a: Tabulation of carbon isotope data for EOM/EOM - fractions for well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Typ	Lithology	EOM	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
1830.00	cut	Sh/Clst	-	-28.94	-27.22	-26.83	-27.63	-26.94	0015-1
2150.00	cut	Sh/Clst	-	-29.32	-29.12	-30.52	-29.48	-24.87	0019-1
2476.00	swc	S/Sst	-28.46	-28.35	-28.09	-28.24	-27.65	-	0001-1
2500.00	swc	Sltst	-28.81	-28.81	-28.26	-29.04	-27.22	-	0003-1
2543.00	swc	Sltst	-28.26	-28.52	-27.88	-28.71	-27.39	-	0004-1
2634.50	swc	Sh/Clst	-28.01	-28.46	-28.53	-29.23	-25.80	-22.30	0005-1
2643.00	com	Composite sample	-27.80	-28.58	-27.93	-29.14	-25.32	-23.59	0036-0
2655.00	com	Composite sample	-27.51	-28.50	-28.25	-28.86	-25.16	-24.13	0037-0
2663.00	swc	S/Sst	-29.39	-29.64	-29.22	-29.29	-27.22	-	0006-1
2686.00	swc	S/Sst	-29.12	-28.66	-28.57	-28.28	-27.22	-	0007-1
2694.00	com	Composite sample	-29.16	-29.25	-26.84	-28.56	-26.58	-	0013-0
2733.00	com	Composite sample	-28.29	-26.78	-28.23	-29.19	-26.19	-23.70	0038-0
2752.50	swc	S/Sst	-29.17	-28.36	-28.41	-27.35	-26.84	-	0010-1
2775.00	swc	S/Sst	-29.02	-28.62	-28.16	-28.57	-26.45	-	0011-1
2778.00	cut	S/Sst	-	-28.96	-28.48	-29.25	-26.84	-	0030-1

Table 10a: Tabulation of carbon isotope data for EOM/EOM - fractions for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
3033.00	cut	Sh/Clst	-26.84	-29.05	-26.13	-28.86	-26.32	-25.10	0031-1
3144.00	swc	S/Sst	-29.12	-28.58	-28.23	-28.73	-27.07	-	0012-1
3174.00	cut	Sh/Clst	-26.99	-30.33	-27.46	-29.06	-26.97	-26.01	0033-1
3198.00	cut	Sh/Clst	-27.14	-29.36	-27.52	-29.04	-26.80	-26.05	0034-1

Table 10b: Tabulation of cv values from carbon isotope data for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	Saturated	Aromatic	cv value	Sample
1830.00	cut	Sh/Clst	-28.94	-27.22	1.14	0015-1
2150.00	cut	Sh/Clst	-29.32	-29.12	-2.12	0019-1
2476.00	swc	S/Sst	-28.35	-28.09	-2.28	0001-1
2500.00	swc	Sltst	-28.81	-28.26	-1.50	0003-1
2543.00	swc	Sltst	-28.52	-27.88	-1.39	0004-1
2634.50	swc	Sh/Clst	-28.46	-28.53	-2.98	0005-1
2643.00	com	Composite sample	-28.58	-27.93	-1.35	0036-0
2655.00	com	Composite sample	-28.50	-28.25	-2.26	0037-0
2663.00	swc	S/Sst	-29.64	-29.22	-1.53	0006-1
2686.00	swc	S/Sst	-28.66	-28.57	-2.57	0007-1
2694.00	com	Composite sample	-29.25	-26.84	2.77	0013-0
2733.00	com	Composite sample	-26.78	-28.23	-6.57	0038-0
2752.50	swc	S/Sst	-28.36	-28.41	-2.97	0010-1
2775.00	swc	S/Sst	-28.62	-28.16	-1.76	0011-1
2778.00	cut	S/Sst	-28.96	-28.48	-1.61	0030-1

Table 10b: Tabulation of cv values from carbon isotope data for well NOCS 6608/10-5

Depth unit of measure: m

Depth	Typ	Lithology	Saturated	Aromatic	cv value	Sample
3033.00	cut	Sh/Clst	-29.05	-26.13	3.84	0031-1
3144.00	swc	S/Sst	-28.58	-28.23	-2.01	0012-1
3174.00	cut	Sh/Clst	-30.33	-27.46	4.12	0033-1
3198.00	cut	Sh/Clst	-29.36	-27.52	1.54	0034-1

Table 11a: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 6608/10-5

Page: 1

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
1830.00	Sh/Clst	2.37	0.70	0.24	0.83	0.45	0.06	0.11	0.14	0.10	0.19	0.72	0.47	0.44	25.99	0015-1
2150.00	Sh/Clst	6.28	0.86	0.17	0.95	0.49	0.03	0.05	0.06	0.05	0.10	0.43	0.34	0.81	39.19	0019-1
2476.00	S/Sst	0.83	0.45	0.15	0.54	0.35	0.09	0.02	0.03	0.02	0.08	0.92	0.36	0.10	56.56	0001-1
2500.00	Sltst	0.78	0.44	0.25	0.65	0.40	0.11	0.03	0.05	0.03	0.51	0.93	0.41	0.09	54.36	0003-1
2543.00	Sltst	0.90	0.47	0.34	0.79	0.44	0.20	0.03	0.04	0.03	0.56	0.89	0.45	0.13	55.92	0004-1
2634.50	Sh/Clst	3.85	0.79	0.27	0.65	0.39	0.03	0.01	0.01	0.01	0.13	0.84	0.39	0.19	49.77	0005-1
2643.00	bulk	28.20	0.97	0.32	0.68	0.40	0.01	0.00	0.01	0.00	0.02	0.72	0.40	0.38	37.72	0036-0
2655.00	bulk	13.23	0.93	0.31	0.67	0.40	0.02	0.00	0.00	0.00	0.08	0.74	0.40	0.35	38.01	0037-0
2663.00	S/Sst	0.98	0.50	0.14	0.51	0.34	0.13	0.03	0.05	0.03	0.04	0.90	0.34	0.12	58.76	0006-1
2686.00	S/Sst	1.14	0.53	0.18	0.59	0.37	0.08	0.01	0.02	0.01	0.10	0.92	0.38	0.09	56.36	0007-1
2694.00	bulk	1.00	0.50	0.17	0.56	0.36	0.12	-	-	-	0.09	0.90	0.36	0.12	58.77	0013-0
2733.00	bulk	13.94	0.93	0.29	0.65	0.39	0.02	0.01	0.01	0.01	0.08	0.72	0.38	0.36	42.71	0038-0
2752.50	S/Sst	1.23	0.55	0.22	0.73	0.42	0.07	0.01	0.01	0.01	0.33	0.90	0.43	0.12	58.13	0010-1
2775.00	S/Sst	1.28	0.56	0.25	0.75	0.43	0.08	-	-	-	0.26	0.88	0.44	0.15	56.66	0011-1
2778.00	S/Sst	1.57	0.61	0.24	0.76	0.43	0.06	0.01	0.02	0.01	0.39	0.86	0.43	0.16	59.79	0030-1

Table 11a: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 6608/10-5

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
3033.00	Sh/Clst	87.09	0.99	0.37	1.00	0.50	0.03	-	-	-	0.01	0.74	0.49	0.31	58.07	0031-1
3144.00	S/Sst	1.39	0.58	0.25	0.83	0.45	0.07	0.02	0.02	0.02	0.31	0.88	0.46	0.14	57.96	0012-1
3174.00	Sh/Clst	91.94	0.99	0.41	1.14	0.53	0.03	-	-	-	0.00	0.78	0.52	0.25	59.03	0033-1
3198.00	Sh/Clst	68.74	0.99	0.39	1.06	0.52	0.04	-	-	-	0.00	0.78	0.50	0.25	58.64	0034-1

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 6608/10-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
1830.00	Sh/Clst	0.45	12.64	63.29	0.79	0.87	0.51	0.40	0.46	0.14	0.99	0015-1
2150.00	Sh/Clst	0.09	13.51	37.10	0.40	0.69	0.19	0.17	0.23	0.16	0.34	0019-1
2476.00	S/Sst	0.82	43.57	80.11	1.06	0.82	0.45	0.33	0.67	0.77	3.57	0001-1
2500.00	Sltst	0.87	48.13	79.41	1.47	0.80	0.76	0.62	0.66	0.93	3.72	0003-1
2543.00	Sltst	0.78	44.18	80.56	1.04	0.82	0.59	0.48	0.67	0.79	3.71	0004-1
2634.50	Sh/Clst	0.75	27.63	73.10	1.46	0.83	0.72	0.62	0.58	0.38	1.88	0005-1
2643.00	bulk	0.44	8.78	48.10	1.00	0.84	0.50	0.43	0.32	0.10	0.51	0036-0
2655.00	bulk	0.64	15.67	58.83	1.26	0.82	0.72	0.65	0.42	0.19	0.85	0037-0
2663.00	S/Sst	0.71	43.70	78.30	0.73	0.81	0.23	0.16	0.64	0.78	3.20	0006-1
2686.00	S/Sst	0.74	44.48	79.83	0.89	0.82	0.49	0.38	0.66	0.80	3.56	0007-1
2694.00	bulk	0.68	44.88	76.80	0.95	0.79	0.32	0.23	0.62	0.81	3.00	0013-0
2733.00	bulk	0.59	17.38	55.10	1.38	0.78	0.80	0.75	0.38	0.21	0.74	0038-0
2752.50	S/Sst	0.75	35.13	78.87	1.35	0.84	0.69	0.57	0.65	0.54	2.88	0010-1
2775.00	S/Sst	0.69	37.15	76.32	1.27	0.81	0.56	0.43	0.62	0.59	2.56	0011-1
2778.00	S/Sst	0.75	28.19	77.60	1.59	0.86	0.74	0.63	0.63	0.39	2.41	0030-1

Table 11b: Variation in Sterane Distribution (peak height) SIR for Well NOCS 6608/10-5

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>
3033.00	Sh/Clst	0.50	39.05	50.10	0.15	0.56	0.08	0.06	0.33	0.64	0.82	0031-1
3144.00	S/Sst	0.69	40.11	76.67	1.28	0.80	0.57	0.44	0.62	0.67	2.74	0012-1
3174.00	Sh/Clst	0.59	41.50	55.00	0.19	0.60	0.17	0.12	0.38	0.71	1.04	0033-1
3198.00	Sh/Clst	0.50	41.65	55.36	0.18	0.60	0.04	0.03	0.38	0.71	1.06	0034-1

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

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

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: Variation in Triaromatic Sterane Distribution (peak height) for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
1830.00	Sh/Clst	0.49	0.43	0.21	0.23	0.27	0015-1
2150.00	Sh/Clst	0.45	0.42	0.24	0.23	0.32	0019-1
2476.00	S/Sst	0.52	0.51	0.25	0.25	0.32	0001-1
2500.00	Sltst	0.76	0.76	0.40	0.45	0.44	0003-1
2543.00	Sltst	0.56	0.52	0.31	0.26	0.60	0004-1
2634.50	Sh/Clst	0.24	0.18	0.12	0.11	0.22	0005-1
2643.00	bulk	0.47	0.36	0.24	0.26	0.36	0036-0
2655.00	bulk	0.64	0.54	0.37	0.41	0.50	0037-0
2663.00	S/Sst	0.38	0.43	0.17	0.16	0.20	0006-1
2686.00	S/Sst	0.55	0.58	0.27	0.27	0.32	0007-1
2694.00	bulk	0.53	0.55	0.25	0.25	0.29	0013-0
2733.00	bulk	0.67	0.55	0.38	0.44	0.52	0038-0
2752.50	S/Sst	0.55	0.53	0.27	0.28	0.33	0010-1

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 11c: Variation in Triaromatic Sterane Distribution (peak height) for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
2775.00	S/Sst	0.56	0.56	0.29	0.29	0.32	0011-1
2778.00	S/Sst	0.49	0.42	0.24	0.25	0.35	0030-1
3033.00	Sh/Clst	0.18	0.11	0.11	0.09	0.33	0031-1
3144.00	S/Sst	0.57	0.54	0.35	0.29	0.64	0012-1
3174.00	Sh/Clst	0.34	0.22	0.20	0.17	0.47	0033-1
3198.00	Sh/Clst	0.35	0.21	0.20	0.18	0.46	0034-1

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 11d: Variation in Monoaromatic Sterane Distribution (peak height) for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Sample
1830.00	Sh/Clst	0.08	0.05	0.04	0.04	0015-1
2150.00	Sh/Clst	0.17	0.12	0.09	0.08	0019-1
2476.00	S/Sst	0.24	0.27	0.14	0.14	0001-1
2500.00	Sltst	0.37	0.28	0.26	0.21	0003-1
2543.00	Sltst	0.46	0.29	0.33	0.25	0004-1
2634.50	Sh/Clst	0.68	0.43	0.47	0.34	0005-1
2643.00	bulk	0.88	0.72	0.79	0.65	0036-0
2655.00	bulk	0.89	0.78	0.83	0.75	0037-0
2663.00	S/Sst	0.24	0.18	0.15	0.12	0006-1
2686.00	S/Sst	0.27	0.20	0.18	0.15	0007-1
2694.00	bulk	0.25	0.17	0.16	0.13	0013-0
2733.00	bulk	0.79	0.62	0.71	0.57	0038-0
2752.50	S/Sst	0.34	0.20	0.22	0.18	0010-1
2775.00	S/Sst	0.20	0.22	0.12	0.13	0011-1

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 11d: Variation in Monoaromatic Sterane Distribution (peak height) for Well NOCS 6608/10-5

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>
2778.00	S/Sst	0.85	0.70	0.75	0.63	0030-1
3033.00	Sh/Clst	0.52	0.35	0.35	0.33	0031-1
3144.00	S/Sst	0.31	0.11	0.21	0.15	0012-1
3174.00	Sh/Clst	0.40	0.49	0.31	0.35	0033-1
3198.00	Sh/Clst	0.36	0.48	0.25	0.33	0034-1

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 11e: Aromatisation of Steranes (peak height) for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Sample
1830.00	Sh/Clst	0.91	0.20	0015-1
2150.00	Sh/Clst	0.82	0.34	0019-1
2476.00	S/Sst	0.52	0.78	0001-1
2500.00	Slst	0.71	0.62	0003-1
2543.00	Slst	0.54	0.82	0004-1
2634.50	Sh/Clst	0.03	0.99	0005-1
2643.00	bulk	0.14	0.93	0036-0
2655.00	bulk	0.08	0.97	0037-0
2663.00	S/Sst	0.39	0.85	0006-1
2686.00	S/Sst	0.43	0.85	0007-1
2694.00	bulk	0.43	0.86	0013-0
2733.00	bulk	0.18	0.91	0038-0
2752.50	S/Sst	0.57	0.74	0010-1

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

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

Table 11e: Aromatisation of Steranes (peak height) for Well NOCS 6608/10-5

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
2775.00	S/Sst	0.63	0.74	0011-1
2778.00	S/Sst	0.04	0.98	0030-1
3033.00	Sh/Clst	0.02	1.00	0031-1
3144.00	S/Sst	0.69	0.73	0012-1
3174.00	Sh/Clst	0.03	0.99	0033-1
3198.00	Sh/Clst	0.02	1.00	0034-1

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

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

Table 11f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6608/10-5

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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	
1830.00	Sh/Clst	5387.0 12872.4 19243.4	2887.8 3088.8 1039.4	1201.6 879.0 2960.1	1884.9 6308.2 639.5	502.8 0.0 600.8	2940.8 15537.8 345.9	6966.8 6185.1 275.5	1785.8 0.0 217.2	2405.7 2765.9 380.9	0015-1
2150.00	Sh/Clst	485.6 2010.3 1077.1	218.2 734.9 121.3	94.9 61.7 188.2	122.7 558.6 74.9	45.5 0.0 87.4	164.9 2122.5 32.1	1035.5 2790.4 32.0	115.2 0.0 24.9	699.4 242.2 48.4	0019-1
2476.00	S/Sst	908.5 4383.5 1280.1	661.0 1533.3 944.0	253.0 733.7 725.1	740.4 559.1 510.9	183.0 0.0 333.2	1864.8 8088.3 236.3	1542.6 735.0 137.4	150.0 0.0 119.4	1880.2 1986.6 81.6	0001-1
2500.00	Sltst	1390.4 1271.9 248.3	984.9 458.3 149.0	347.0 219.8 125.1	592.9 146.9 88.1	221.3 0.0 47.2	871.1 1943.3 41.8	682.8 137.8 29.3	67.7 0.0 28.3	1400.7 316.3 18.1	0003-1
2543.00	Sltst	3320.9 2247.3 477.7	1595.4 1008.0 433.0	566.9 567.6 341.3	970.8 345.7 293.4	222.4 0.0 174.0	1821.9 2848.3 193.5	1639.9 337.8 96.5	94.5 0.0 123.0	5656.4 728.8 62.7	0004-1

Table 11f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6608/10-5

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	
2634.50	Sh/Clst	830.4 1373.4 715.4	274.9 196.2 186.2	97.5 71.1 187.9	151.5 252.0 82.0	38.3 0.0 82.7	237.0 2112.9 52.4	911.2 402.2 30.9	17.3 0.0 36.2	147.4 680.8 37.4	0005-1
2643.00	bulk	888.6 12516.3 8754.7	359.7 683.3 1418.3	117.1 207.5 2341.6	719.1 4604.6 244.8	54.4 0.0 501.0	430.2 18420.0 92.8	12131.3 7305.7 131.5	71.7 0.0 39.3	76.6 9531.8 58.6	0036-0
2655.00	bulk	1610.5 6558.4 4133.8	805.7 517.5 712.9	238.0 218.8 1162.7	510.0 2222.5 194.1	100.7 0.0 260.0	443.8 9718.7 100.4	5871.6 3439.6 85.0	28.4 0.0 45.0	335.1 4564.8 48.5	0037-0
2663.00	S/Sst	1332.6 14761.5 6571.6	1077.1 5713.7 5745.8	574.9 3884.6 4032.8	1497.0 2240.4 4081.8	463.8 0.0 2833.2	5551.7 29216.7 2252.5	5448.0 3213.1 1456.1	811.5 0.0 1675.6	11463.5 8808.3 985.6	0006-1
2686.00	S/Sst	1105.8 3439.9 1098.5	566.6 981.9 666.4	230.4 454.8 515.9	456.3 374.3 371.6	143.6 0.0 251.2	1228.2 5822.6 175.3	1402.5 483.5 107.1	77.2 0.0 121.6	2098.6 1392.3 69.7	0007-1

Table 11f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6608/10-5

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	
2694.00	bulk	30397.4 136319.5 54687.0	22206.9 51431.4 47410.8	11951.7 28946.6 33260.8	22931.5 18965.8 31335.1	9051.3 0.0 23150.1	55184.7 242847.9 17062.1	55045.8 28408.0 11008.2	0.0 0.0 12720.5	95012.4 74970.2 7175.5	0013-0
2733.00	bulk	1433.3 4352.3 3030.3	551.6 333.8 678.8	156.4 111.3 910.6	402.4 1365.3 221.9	65.6 0.0 281.4	274.7 6697.3 108.4	3830.5 2596.8 112.7	35.2 0.0 70.7	208.5 3671.2 65.8	0038-0
2752.50	S/Sst	6063.2 7098.1 2756.8	3181.5 2100.5 1763.8	1183.1 697.7 1270.5	1567.0 952.0 966.4	554.0 0.0 646.6	2540.7 9755.1 477.4	3120.4 1131.0 302.5	100.5 0.0 412.6	2850.5 3569.8 196.5	0010-1
2775.00	S/Sst	30834.3 54414.4 22127.2	18844.2 17712.3 14225.0	8163.1 5974.3 10882.2	14532.6 9349.1 8573.5	4957.6 0.0 6172.3	21772.7 72157.1 4827.2	27767.6 9802.0 3036.8	0.0 0.0 3677.7	25098.6 26406.3 2217.7	0011-1
2778.00	S/Sst	11855.8 13022.2 4812.1	6657.3 3309.1 3182.4	2672.5 1018.2 2140.0	2989.4 2036.8 1231.6	1213.6 0.0 985.5	3935.3 17043.9 558.7	6191.3 2874.7 368.5	224.1 0.0 399.0	2738.2 6355.9 214.5	0030-1

Table 11f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Lithology	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28aβ	25nor30aβ	Sample
		29aβ	29Ts	30d	29βa	300	30aβ	30βa	30G	31aβS	
		31aβR	32aβS	32aβR	33aβS	33aβR	34aβS	34aβR	35aβS	35aβR	
3033.00	Sh/Clst	4914.7 1735021.0 681862.6	21268.9 439204.7 349531.1	3633.2 52400.8 252338.5	101397.2 469942.4 76645.4	925.8 0.0 55069.6	15971.2 1729887.0 41574.9	1390864.0 594824.2 19336.4	0.0 0.0 6668.3	9934.2 1009178.0 43166.3	0031-1
3144.00	S/Sst	27592.8 39266.6 14076.7	14582.6 10651.5 9743.6	6672.0 3289.1 7066.8	9477.1 5893.9 5522.5	3397.8 0.0 3720.2	12940.7 47036.5 2883.3	17932.7 6611.0 1778.6	801.3 0.0 2100.8	11840.6 17688.6 1131.7	0012-1
3174.00	Sh/Clst	2310.6 915888.6 260868.0	1281.0 37050.9 143122.9	1523.7 28158.0 99317.5	51709.9 207440.1 35027.4	709.6 0.0 24926.6	7691.1 805631.4 27704.8	707126.9 224846.0 11257.4	0.0 0.0 3560.3	8322.7 396165.9 4602.8	0033-1
3198.00	Sh/Clst	2415.3 546635.6 171230.6	1302.3 49063.8 95987.0	1257.9 21448.0 67696.6	28048.7 121738.0 25534.5	1002.3 0.0 18647.5	6015.5 514063.2 17418.7	413523.3 141801.6 9572.2	0.0 0.0 2476.5	4660.1 257927.1 2331.7	0034-1

Table 11g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Lithology	21a	22a	27d β S	27d β R	27daS	27daR	28d β S	28d β R	28daS*	Sample	
		29d β S*	28daR*	27aaR	29d β R	29daS	28aaS	29daR*	28 β β S			
		28aaR	29aaS	29 β β R	29 β β S	29aaR						
1830.00	Sh/Clst	3179.2	1424.7	1403.9	828.5	293.7	711.2	754.6	555.3	820.9	0015-1	
		1295.9	769.2	1743.0	1143.9	415.9	516.8	1222.0	946.2			
		1140.3	302.1	1223.2	837.9	2088.9						
2150.00	Sh/Clst	85.6	45.6	27.1	18.5	8.7	43.9	15.1	15.2	90.6	0019-1	
		30.6	20.1	289.8	21.5	137.0	17.6	58.2	192.4			
		153.9	57.6	99.5	26.2	368.6						
2476.00	S/Sst	600.3	242.5	986.9	575.7	169.4	205.8	398.2	224.8	250.1	0001-1	
		777.5	331.5	216.9	656.7	141.9	117.2	245.2	347.2			
		91.5	151.9	359.2	342.8	196.7						
2500.00	Sltst	1203.9	557.2	843.3	492.1	147.3	195.4	340.2	207.7	201.5	0003-1	
		453.6	251.5	127.1	407.8	113.2	77.2	169.8	226.5			
		58.7	92.1	181.2	188.0	99.3						
2543.00	Sltst	1300.3	474.2	927.3	559.0	145.4	191.6	365.8	189.9	242.6	0004-1	
		721.2	345.2	263.9	615.6	157.3	124.7	257.9	388.9			
		99.9	174.7	378.3	441.2	220.7						

* 28daS coel with 27aaS, 29d β S coel with 27 β β R, 28daR coel with 27 β β S, 29daR coel with 28 β β R

Table 11g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Lithology	21a	22a	27d β S	27d β R	27daS	27daR	28d β S	28d β R	28daS*	Sample	
		29d β S*	28daR*	27aaR	29d β R	29daS	28aaS	29daR*	28 β BS			
		28aaR	29aaS	29 β BR	29 β BS	29aaR						
2634.50	Sh/Clst	308.5	96.9	129.6	72.5	26.5	32.3	49.5	24.2	37.0	0005-1	
		70.6	40.3	44.1	60.1	19.3	21.0	28.5	34.4			
		16.9	18.1	51.6	37.2	47.3						
2643.00	bulk	504.7	193.9	170.5	102.4	39.3	77.5	68.9	42.5	84.3	0036-0	
		144.2	49.6	219.2	144.6	38.7	110.4	60.7	40.0			
		86.0	42.2	161.5	61.5	438.8						
2655.00	bulk	774.5	400.9	239.3	143.6	44.1	80.3	84.3	56.6	70.7	0037-0	
		152.2	70.2	136.5	149.9	39.3	58.2	61.9	58.2			
		48.5	41.3	111.1	77.4	222.5						
2663.00	S/Sst	1229.1	698.8	1950.3	1275.3	526.5	582.0	1157.4	787.1	1077.6	0006-1	
		1874.6	1367.3	804.0	1997.5	694.2	680.7	1410.3	1951.3			
		470.3	1015.6	2015.0	2177.7	1308.5						
2686.00	S/Sst	493.8	246.0	391.6	234.4	83.2	99.0	201.2	116.4	163.6	0007-1	
		330.0	195.2	137.1	327.5	91.7	93.7	158.3	228.1			
		61.0	114.2	255.4	252.7	142.5						

* 28daS coel with 27aaS, 29d β S coel with 27 β BR, 28daR coel with 27 β BS, 29daR coel with 28 β BR

Table 11g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Lithology	21a	22a	27d β S	27d β R	27daS	27daR	28d β S	28d β R	28daS*	Sample
		29d β S*	28daR*	27aaR	29d β R	29daS	28aaS	29daR*	28 β β S		
		28aaR	29aaS	29 β β R	29 β β S	29aaR					
2694.00	bulk	27093.2 30520.8 8230.6	16924.8 23406.6 15568.7	38844.8 18114.8 27520.3	27321.7 31874.7 29879.4	10610.8 11477.4 19117.7	13599.7 11191.0	22406.9 21344.8	14780.2 28063.9	19660.6	0013-0
2733.00	bulk	1045.9 70.0 36.8	364.6 42.1 37.5	131.2 93.0 78.6	86.9 72.8 53.6	26.8 21.7 178.1	40.1 35.0	48.7 41.5	30.5 45.0	53.3	0038-0
2752.50	S/Sst	3198.6 959.1 207.1	1508.3 623.0 263.1	1808.7 612.6 681.8	1074.7 927.5 716.2	322.7 224.4 485.9	377.4 231.5	640.1 549.7	371.9 642.4	515.0	0010-1
2775.00	S/Sst	18640.4 9257.1 2597.1	9220.8 6657.1 3152.4	15552.0 7016.9 6635.9	10242.6 8868.5 7040.1	3699.5 2805.3 5332.9	4479.7 2882.4	6897.5 5787.4	4162.7 6803.7	5637.0	0011-1
2778.00	S/Sst	4966.1 1253.8 277.7	2942.9 864.0 282.8	2710.0 890.1 904.3	1528.0 1190.6 833.4	449.8 317.1 720.2	744.9 360.5	923.1 660.1	521.8 721.0	772.9	0030-1

* 28daS coel with 27aaS, 29d β S coel with 27 β β R, 28daR coel with 27 β β S, 29daR coel with 28 β β R

Table 11g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daS	27daR	28dBS	28dBR	28daS*	Sample
		29dBS*	28daR*	27aaR	29dBR	29daS	28aaS	29daR*	28BS		
		28aaR	29aaS	29BSR	29BS	29aaR					
3033.00	Sh/Clst	10141.4 43670.6 11399.4	3083.8 7313.1 37728.1	6429.2 6356.1 28900.3	3008.3 28866.0 19586.7	1882.4 12511.0 58876.4	3256.7 30156.3	10249.4 12051.4	6560.5 5409.5	8334.4	0031-1
3144.00	S/Sst	11160.3 4996.7 1359.4	5617.0 3655.9 1939.2	8488.2 3750.9 3958.3	5793.9 4735.1 3984.1	1790.3 1509.0 2895.3	2273.4 1645.4	3566.0 3046.0	2155.7 3350.0	3212.9	0012-1
3174.00	Sh/Clst	6309.3 13679.3 2499.1	1506.8 1975.2 9581.6	2632.5 1859.6 8050.0	1285.5 8883.9 6062.0	626.2 4413.3 13507.2	1190.9 12889.1	2838.2 3408.4	1931.8 2070.9	2807.9	0033-1
3198.00	Sh/Clst	470.4 14704.2 2153.8	1161.5 2518.6 10613.1	2397.8 2370.6 9261.5	1357.6 10067.7 6539.2	611.9 4845.8 14867.0	1524.4 7969.6	2830.4 3237.0	1668.1 2098.2	2990.7	0034-1

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

Table 11h: Raw triaromatic sterane data (peak height) m/z 231 for Well NOCS 6608/10-5

Page: 1

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
1830.00	Sh/Clst	753.2	610.3	466.1	2069.4	959.7	834.0	795.2	0015-1
2150.00	Sh/Clst	179.1	161.8	115.1	382.5	197.3	170.8	222.5	0019-1
2476.00	S/Sst	4755.8	4576.7	3567.6	10130.9	5720.2	4050.3	4448.9	0001-1
2500.00	Sltst	4057.5	3933.1	2156.5	5077.7	2073.0	1588.5	1254.9	0003-1
2543.00	Sltst	3734.1	3169.3	2613.8	2528.6	4362.5	3071.0	2937.9	0004-1
2634.50	Sh/Clst	484.7	335.0	469.5	1694.8	1565.8	817.7	1550.3	0005-1
2643.00	bulk	770.2	483.0	460.3	1356.6	897.6	470.3	860.6	0036-0
2655.00	bulk	267.4	172.3	109.6	266.6	181.3	57.0	147.4	0037-0
2663.00	S/Sst	5231.4	6347.3	7861.2	20350.1	9074.9	9505.6	8524.7	0006-1
2686.00	S/Sst	5870.4	6566.8	4805.6	12574.3	5268.1	5436.0	4792.2	0007-1
2694.00	bulk	6147.4	6795.9	5944.9	15055.9	6316.7	6487.6	5518.8	0013-0
2733.00	bulk	160.8	97.4	65.6	150.0	76.6	49.5	78.2	0038-0
2752.50	S/Sst	334.6	305.7	201.7	678.3	322.6	289.2	269.7	0010-1
2775.00	S/Sst	1414.5	1396.2	333.8	3034.7	1252.9	1168.8	1106.3	0011-1
2778.00	S/Sst	519.2	397.8	310.7	945.1	615.1	440.8	541.3	0030-1

Table 11h: Raw triaromatic sterane data (peak height) m/z 231 for Well NOCS 6608/10-5

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>a1</u>	<u>b1</u>	<u>c1</u>	<u>d1</u>	<u>e1</u>	<u>f1</u>	<u>g1</u>	<u>Sample</u>
3033.00	Sh/Clst	2697.2	1470.8	1044.1	5382.2	13246.8	3098.7	12411.8	0031-1
3144.00	S/Sst	575.2	519.1	304.4	322.7	543.6	423.8	439.9	0012-1
3174.00	Sh/Clst	1650.5	913.7	452.8	1875.5	3744.1	996.5	3224.4	0033-1
3198.00	Sh/Clst	2721.3	1331.7	767.9	3162.1	5929.7	1660.0	5085.8	0034-1

Table 11i: Raw monoaromatic sterane data (peak height) m/z 253 for Well NOCS 6608/10-5

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Depth unit of measure: m

Depth	Lithology	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
1830.00	Sh/Clst	1400.6	785.9	124.4	1973.2	15200.4	1618.9	15473.2	13268.8	3269.2	0015-1
2150.00	Sh/Clst	237.9	170.2	207.0	251.6	1196.3	129.3	1285.6	1402.4	423.0	0019-1
2476.00	S/Sst	2325.9	2760.1	4410.7	3506.5	7509.1	1975.9	6410.3	4941.1	1241.1	0001-1
2500.00	Sltst	4754.4	3167.5	5472.7	4420.6	8095.7	1827.3	5690.1	3354.7	755.1	0003-1
2543.00	Sltst	4140.6	1963.4	2548.7	2188.3	4822.1	1372.7	3725.6	2640.0	653.4	0004-1
2634.50	Sh/Clst	68.7	24.1	21.4	15.5	32.3	0.0	43.8	51.9	12.4	0005-1
2643.00	bulk	883.9	322.8	93.4	64.2	122.7	41.2	115.3	151.8	66.7	0036-0
2655.00	bulk	136.0	62.0	7.4	7.9	17.1	0.0	10.3	18.1	4.3	0037-0
2663.00	S/Sst	2866.5	1995.1	5767.1	5269.3	8970.9	2364.9	7051.0	4759.6	1518.9	0006-1
2686.00	S/Sst	2529.5	1686.7	3921.6	3581.4	6738.3	1400.2	4895.7	3431.1	830.7	0007-1
2694.00	bulk	2608.2	1610.8	4949.0	4006.1	7977.4	1680.0	5716.7	3832.2	913.3	0013-0
2733.00	bulk	89.6	38.6	13.3	10.7	23.6	10.9	12.9	15.3	8.2	0038-0
2752.50	S/Sst	339.6	163.9	297.3	238.9	673.8	153.0	508.5	380.8	93.7	0010-1
2775.00	S/Sst	796.2	934.5	1399.9	1281.7	3272.5	639.0	2745.0	2001.6	389.3	0011-1
2778.00	S/Sst	149.0	60.8	21.2	13.5	26.2	7.1	22.7	22.5	10.7	0030-1

Table 11i: Raw monoaromatic sterane data (peak height) m/z 253 for Well NOCS 6608/10-5

Depth unit of measure: m

Depth	Lithology	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
3033.00	Sh/Clst	185.6	91.9	46.0	0.0	173.9	0.0	177.2	160.9	0.0	0031-1
3144.00	S/Sst	624.9	175.7	493.8	466.7	1402.1	267.3	1007.8	828.1	160.5	0012-1
3174.00	Sh/Clst	67.0	94.1	30.6	21.1	98.7	0.0	51.0	69.6	22.1	0033-1
3198.00	Sh/Clst	51.9	84.8	18.3	0.0	90.6	0.0	66.8	100.7	0.0	0034-1

Table 11j: Raw triterpane data (peak height) m/z 177 SIR for Well NOCS 6608/10-5

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>25nor28aβ</u>	<u>25nor30aβ</u>	<u>Sample</u>
1830.00	Sh/Clst	2858.8	2347.7	0015-1
2150.00	Sh/Clst	21391.9	718.8	0019-1
2476.00	S/Sst	1114.1	1818.7	0001-1
2500.00	Sltst	1308.2	1501.0	0003-1
2543.00	Sltst	1794.0	5689.2	0004-1
2634.50	Sh/Clst	104.6	137.1	0005-1
2643.00	bulk	67.1	90.1	0036-0
2655.00	bulk	322.9	339.7	0037-0
2663.00	S/Sst	11452.0	11484.9	0006-1
2686.00	S/Sst	2440.6	2248.4	0007-1
2694.00	bulk	95285.2	92332.6	0013-0
2733.00	bulk	207.6	212.4	0038-0
2752.50	S/Sst	2417.0	2733.8	0010-1
2775.00	S/Sst	22319.3	25467.9	0011-1
2778.00	S/Sst	3338.8	2877.1	0030-1

Table 11j: Raw triterpane data (peak height) m/z 177 SIR for Well NOCS 6608/10-5

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>25nor28aß</u>	<u>25nor30aß</u>	<u>Sample</u>
3033.00	Sh/Clst	14238.7	5375.1	0031-1
3144.00	S/Sst	10462.9	12268.2	0012-1
3174.00	Sh/Clst	23447.8	4401.6	0033-1
3198.00	Sh/Clst	19603.2	3481.7	0034-1

Table 11k: Raw sterane data (peak height) m/z 218 SIR for Well NOCS 6608/10-5

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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
1830.00	Sh/Clst	1278.9	1039.1	1417.0	1537.7	1729.7	1637.0	576.8	318.4	0015-1
2150.00	Sh/Clst	32.1	34.4	41.7	96.3	67.9	80.8	71.6	93.5	0019-1
2476.00	S/Sst	485.5	435.2	367.6	476.9	595.3	681.3	95.7	122.3	0001-1
2500.00	Sltst	398.1	319.7	253.0	317.7	289.2	328.7	46.8	56.6	0003-1
2543.00	Sltst	592.7	525.8	399.9	539.8	646.3	813.8	93.8	92.8	0004-1
2634.50	Sh/Clst	74.9	65.7	47.0	63.1	82.5	73.9	10.7	9.8	0005-1
2643.00	bulk	87.8	66.0	65.9	69.2	153.6	114.2	18.0	18.6	0036-0
2655.00	bulk	109.1	98.2	82.6	104.8	152.5	138.2	23.3	20.7	0037-0
2663.00	S/Sst	2089.4	1840.3	2081.1	2791.5	3022.3	3588.6	933.4	1029.4	0006-1
2686.00	S/Sst	346.4	305.1	268.1	312.8	367.8	448.4	85.1	94.8	0007-1
2694.00	bulk	37703.9	33149.2	32462.2	40572.4	42443.4	49323.4	14665.1	16454.9	0013-0
2733.00	bulk	84.9	76.6	67.2	83.6	101.3	100.1	19.9	20.8	0038-0
2752.50	S/Sst	1177.7	1007.8	835.0	956.8	1146.1	1348.4	157.2	190.8	0010-1
2775.00	S/Sst	11263.2	9788.6	8314.4	9809.9	10801.2	11367.7	2137.3	2377.0	0011-1
2778.00	S/Sst	1622.9	1360.2	1027.7	1251.2	1517.2	1542.2	217.8	253.8	0030-1

Table 11k: Raw sterane data (peak height) m/z 218 SIR for Well NOCS 6608/10-5

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
3033.00	Sh/Clst	13811.7	2368.3	9793.4	9809.7	40834.1	34039.8	466.5	427.7	0031-1
3144.00	S/Sst	6455.7	5673.7	4425.1	5092.1	6227.6	6648.1	984.6	1114.8	0012-1
3174.00	Sh/Clst	4154.3	815.2	3142.5	3358.5	12292.4	10319.8	0.0	0.0	0033-1
3198.00	Sh/Clst	4408.8	1026.1	3121.2	3394.4	13610.3	11450.3	53.5	119.6	0034-1