

Table 1: Analytical Program for Well NOCS 6507/3-3

Sample Depth (m)	Sample Type	Sample Code	Extraction Clean-Up	Lithology Description	Picking for screening	Leco TOC	RockEval	Thermal Extraction	Pyrolysis GC	Picking for Extraction	Iatroscan	SOXTEC Extraction	MPLC & Deasphaltene	EOM GC	Whole Oil GC	Sat GC (Quantitative)	Aro GC (Non Quantitative)	Sat GCMS (Quantitative)	Aro GCMS (Non-Q)	Isotope of EOM/fractions	Vitrite Reflectance	Visual kerogen
Table nos.			3		5	5	6		6		8	8	8		9	9	11	12		4	7	
3729.00	cS		x	x	x	x																
3744.00	cS		x	x	x	x																
3750.00	cS		x	x	x	x																
3786.00	cS		x	x	xX	xX		x	x		x	x			x							
3789.00	cS		x	x	xX	xX			x		x	x			x		x					
3792.00	cS		x	x	x	x																
3795.00	cS		x	x	x	x																
3798.00	cS		x	x	x	x																
3816.00	cS		x	x	xX	xX		x	x		x											
3819.00	cS		x	x	x	x																
3822.00	cS		x	x	xX	xX		x	x		x	x			x							
3825.00	cS		x	x	x	x														x	x	
Totals			55	86	76	90	132	5	17	6		17	13	12	13		1			21	13	
Sample type: cS cuttings in source rock section, pS core in source rock section, pR core in reservoir section																						
cR cuttings in reservoir section, hR hot-shot cores in reservoir section																						
X: sample residues also analysed after Soxtec extraction																						

Table 3 : Lithology description for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology	description	
710.00						0011
			70	Sltst	: lt gy, sft	0011-1L
			20	Cont	: cem, dd	0011-3L
			10	Meta	: w, ign	0011-2L
910.00						0012
			90	S/Sst	: lt gy, f, crs, l	0012-1L
			10	Meta	: w, ign	0012-2L
1120.00						0013
			90	S/Sst	: lt gy, f, crs, l	0013-1L
			10	Meta	: w, ign	0013-2L
1320.00						0014
			85	S/Sst	: lt gy, f, crs, l	0014-1L
			15	Meta	: w, ign	0014-2L
1520.00						0015
			75	S/Sst	: w, f, crs, l	0015-1L
			15	Sh/Clst	: lt gy, slt	0015-3L
			10	Meta	: w, ign	0015-2L
1730.00						0016
			100	Sh/Clst	: brn gy to drk brn gy, slt, glauc	0016-1L
1940.00				Hord Bryg		0017
			100	Sh/Clst	: m gy to m drk gy, gn gy, red brn	0017-1L
2130.00						0018
			100	Sh/Clst	: m gy to m drk gy, gn gy, red brn, drk gy	0018-1L
			tr	Ca	: lt brn gy	0018-2L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2330.00						0019
			100	Sh/Clst: m gy to m drk gy, gn gy, red brn, drk gy		0019-1L
			tr Ca	: lt brn gy		0019-2L
2523.00						0020
			100	Sh/Clst: m gy to m drk gy, gn gy, red brn, drk gy		0020-1L
			tr Ca	: lt brn gy		0020-2L
2922.00						0025
			100	Sh/Clst: m gy to drk gy		0025-1L
3012.00						0026
	6.14		100	Sh/Clst: m gy to gy blk		0026-1L
3015.00						0027
	6.71	80		Sh/Clst: m gy to gy blk, brn blk		0027-1L
		10		Sh/Clst: lt gy		0027-2L
		10		Ca : lt gy		0027-3L
3018.00						0028
	7.47	90		Sh/Clst: m gy to gy blk, brn blk		0028-1L
		10		Ca : lt gy		0028-2L
3021.00						0029
	6.80	100		Sh/Clst: drk gy to gy blk, brn blk		0029-1L
		tr Ca		: lt gy		0029-2L
3024.00						0030
	6.77	100		Sh/Clst: drk gy to gy blk, brn blk		0030-1L
		tr Ca		: lt gy		0030-2L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3027.00						0031
	6.23	100		Sh/Clst: drk gy to gy blk, brn blk		0031-1L
3030.00						0032
	6.77	100		Sh/Clst: drk gy to gy blk, brn blk		0032-1L
3033.00						0033
	6.40	100		Sh/Clst: drk gy to gy blk, brn blk		0033-1L
3036.00						0034
	6.68	100		Sh/Clst: drk gy to gy blk, brn blk		0034-1L
3039.00						0035
	7.04	100		Sh/Clst: drk gy to gy blk, brn blk		0035-1L
3042.00						0036
	7.17	100		Sh/Clst: drk gy to gy blk, brn blk		0036-1L
3045.00						0037
	7.24	100		Sh/Clst: drk gy to gy blk, brn blk		0037-1L
3048.00						0038
	7.43	100		Sh/Clst: drk gy to gy blk, brn blk		0038-1L
3051.00						0039
	7.31	100		Sh/Clst: drk gy to gy blk, brn blk		0039-1L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3054.00						0040
		7.06	100	Sh/Clst: drk gy to gy blk, brn blk		0040-1L
3057.00						0041
		6.92	100	Sh/Clst: drk gy to gy blk, brn blk		0041-1L
3060.00						0042
		6.44	100	Sh/Clst: drk gy to gy blk, brn blk		0042-1L
3063.00						0043
		7.02	100	Sh/Clst: drk gy to gy blk, brn blk		0043-1L
3066.00						0044
		6.23	100	Sh/Clst: drk gy to gy blk, brn blk		0044-1L
3069.00						0045
		6.36	100	Sh/Clst: drk gy to gy blk, brn blk		0045-1L
3072.00						0046
		6.99	100	Sh/Clst: drk gy to gy blk, brn blk		0046-1L
3075.00						0047
		7.41	100	Sh/Clst: drk gy to gy blk, brn blk		0047-1L
3078.00						0048
		7.38	100	Sh/Clst: drk gy to gy blk, brn blk		0048-1L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3081.00						0049
	8.04	100		Sh/Clst: drk gy to gy blk, brn blk		0049-1L
3084.00						0050
	8.09	100		Sh/Clst: drk gy to gy blk, brn blk		0050-1L
3087.00						0051
	8.12	100		Sh/Clst: drk gy to gy blk, brn blk		0051-1L
3090.00						0052
	8.31	100		Sh/Clst: drk gy to gy blk, brn blk		0052-1L
3093.00						0053
	7.37	100		Sh/Clst: drk gy to gy blk, brn blk		0053-1L
3096.00						0054
	7.09	100		Sh/Clst: drk gy to gy blk, brn gy		0054-1L
3102.00						0056
	8.10	100		Sh/Clst: m drk gy to drk gy, brn gy, brn blk		0056-1L
3117.00						0057
	5.27	100		Sh/Clst: m drk gy to drk gy, brn gy, brn blk		0057-1L
3126.00						0058
	4.50	100		Sh/Clst: m drk gy to drk gy, brn gy, brn blk		0058-1L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
3144.00						0059	
	3.12	100	Sh/Clst: m drk gy to drk gy, brn gy, brn blk			0059-1L	
3165.00						0060	
	1.85	100	Sh/Clst: m drk gy to drk gy, brn gy, brn blk			0060-1L	
3180.00						0061	
	2.17	100	Sh/Clst: m drk gy to drk gy, brn gy, brn blk			0061-1L	
3201.00						0062	
	1.95	100	Sh/Clst: m drk gy to drk gy, brn gy, brn blk			0062-1L	
3216.00						0063	
	1.76	100	Sh/Clst: m drk gy to drk gy, brn gy, brn blk			0063-1L	
3228.00						0064	
	1.43	100	Sh/Clst: m drk gy to drk gy, brn gy, brn blk			0064-1L	
3255.00						0065	
	2.18	100	Sh/Clst: m drk gy to drk gy, brn gy, brn blk			0065-1L	
3282.00						0066	
	2.66	100	Sh/Clst: m drk gy to drk gy, brn gy, brn blk			0066-1L	

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3333.00						0067
	3.01	100		Sh/Clst: m drk gy to drk gy, brn gy, brn blk		0067-1L
3342.00						0068
	2.45	100		Sh/Clst: m drk gy to drk gy, brn gy, brn blk		0068-1L
3345.00						0069
	2.16	100		Sh/Clst: m drk gy to drk gy, brn gy, brn blk		0069-1L
3438.00						0095
			70	S/Sst : gy blk, f, l		0095-1L
			10	Sh/Clst: drk gy to gy blk, carb, mic		0095-2L
			10	Sh/Clst: m gy		0095-3L
			10	Cont : cem		0095-4L
	2.22			bulk		0095-0B
3441.00						0096
			45	Sltst : lt brn gy to drk brn gy, s, argill, mic		0096-1L
			30	S/Sst : gy w, f, kln		0096-4L
			10	Sh/Clst: drk gy to gy blk, carb, mic		0096-2L
			10	Cont : cem, prp, dd		0096-5L
			5	Sh/Clst: m gy		0096-3L
	2.18			bulk		0096-0B
3444.00						0097
			70	Sltst : lt brn gy to drk brn gy, s, argill, mic		0097-1L
			10	Sh/Clst: m gy, drk gy to gy blk		0097-2L
			10	S/Sst : gy w, kln		0097-3L
			10	Cont : cem, prp, dd		0097-4L
	1.95			bulk		0097-0B

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3534.00						0105
		1.46	80	S/Sst	: lt brn gy, f, l	0105-1L
			20	Sltst	: lt brn gy to drk brn gy, s, argill, mic	0105-2L
3657.00						0124
			60	S/Sst	: lt brn gy, slt, s, mic, f, cem, l, kln	0124-1L
			20	Sh/Clst	: brn gy to drk brn gy, slt	0124-2L
		1.20	20	Sltst	: brn gy, s	0124-3L
				bulk		0124-0B
3660.00						0125
			50	S/Sst	: lt brn gy, slt, s, mic, f, cem, l, kln	0125-1L
			25	Sh/Clst	: brn gy to drk brn gy, slt	0125-2L
		1.00	25	Sltst	: brn gy, s	0125-3L
				bulk		0125-0B
3663.00						0126
			40	Sltst	: brn gy, s	0126-3L
			30	S/Sst	: lt brn gy, slt, s, mic, f, cem, l, kln	0126-1L
		0.95	30	Sh/Clst	: brn gy to drk brn gy, slt	0126-2L
				bulk		0126-0B
3666.00						0127
			70	S/Sst	: lt brn gy, slt, s, mic, f, cem, l, kln	0127-1L
			20	Sltst	: brn gy, s	0127-3L
		0.84	10	Sh/Clst	: brn gy to drk brn gy, slt	0127-2L
				bulk		0127-0B
3669.00						0128
			60	S/Sst	: lt brn gy, slt, s, mic, f, cem, l, kln	0128-1L
			20	Sh/Clst	: brn gy to drk brn gy, slt	0128-2L
		0.98	20	Sltst	: brn gy, s	0128-3L
				bulk		0128-0B

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3675.00						0149
				90 S/Sst : lt brn gy, l		0149-1L
				5 Sh/Clst: brn gy to drk brn gy		0149-2L
				5 Sltst : lt brn gy		0149-3L
3690.00						0129
				70 S/Sst : gy w, lt brn gy, mic, f, kln		0129-1L
	1.17			30 Sh/Clst: brn gy to drk brn gy, slt		0129-2L
3693.00						0130
				55 Sh/Clst: brn gy to drk brn gy, slt		0130-2L
				35 Sltst : brn gy to m brn gy		0130-3L
	1.22			10 S/Sst : gy w, lt brn gy, mic, f, kln bulk		0130-1L 0130-0B
3696.00						0131
				85 Sh/Clst: drk gy to gy blk, brn gy, slt		0131-2L
	1.54			10 S/Sst : gy w, lt brn gy, mic, f, kln		0131-1L
				5 Sltst : brn gy to m brn gy		0131-3L
3699.00						0132
				80 Sh/Clst: drk gy to gy blk, slt, s, mic		0132-1L
	1.59			15 Sltst : m gy		0132-2L
				5 S/Sst : gy w, kln		0132-3L
3702.00						0133
				70 Sh/Clst: drk gy to gy blk, carb		0133-1L
	1.81			10 Sltst : m gy		0133-2L
				10 S/Sst : gy w, kln		0133-3L
				10 Coal : brn blk to blk		0133-4L
3705.00						0134
				70 Sh/Clst: drk gy to gy blk, carb		0134-1L
	2.00			15 Sltst : m gy		0134-2L
				15 S/Sst : gy w, kln		0134-3L
				tr Coal : brn blk to blk		0134-4L

Table 3 : Lithology description for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3720.00						0135
		3.16		70 Sltst : m gy 20 S/Sst : gy w, kln 10 Sh/Clst: drk gy to gy blk, carb bulk tr Coal : brn blk to blk		0135-2L 0135-3L 0135-1L 0135-0B 0135-4L
3723.00						0136
		3.13		75 Sltst : m gy 15 S/Sst : gy w, kln 10 Sh/Clst: drk gy to gy blk, carb bulk tr Coal : brn blk to blk		0136-2L 0136-3L 0136-1L 0136-0B 0136-4L
3729.00						0137
		2.24		60 Sltst : m gy 30 S/Sst : gy w, kln 10 Sh/Clst: drk gy to gy blk, carb bulk tr Coal : brn blk to blk		0137-2L 0137-3L 0137-1L 0137-0B 0137-4L
3744.00						0138
		3.17		50 Sltst : m gy 40 S/Sst : gy w, kln 10 Sh/Clst: drk gy to gy blk, carb bulk		0138-2L 0138-3L 0138-1L 0138-0B
3750.00						0139
		2.60		50 S/Sst : gy w, kln 40 Sltst : m gy 10 Sh/Clst: drk gy to gy blk, carb bulk		0139-3L 0139-2L 0139-1L 0139-0B
3786.00						0140
		5.32		85 S/Sst : gy w, kln 10 Sltst : m gy 5 Sh/Clst: drk gy to gy blk, carb bulk		0140-3L 0140-2L 0140-1L 0140-0B

Table 3 : Lithology description for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3789.00						0141
		6.73		70 S/Sst : gy w, kln 20 Sltst : m gy 10 Sh/Clst: drk gy to gy blk, carb bulk		0141-3L 0141-2L 0141-1L 0141-0B
3792.00						0142
		3.19		60 S/Sst : gy w, kln 30 Sltst : m gy 10 Sh/Clst: drk gy to gy blk, carb bulk		0142-3L 0142-2L 0142-1L 0142-0B
3795.00						0143
		3.06		60 S/Sst : gy w, kln 30 Sltst : m gy 10 Sh/Clst: drk gy to gy blk, carb bulk		0143-3L 0143-2L 0143-1L 0143-0B
3798.00						0144
		2.30		60 S/Sst : gy w, kln 30 Sltst : m gy 10 Sh/Clst: drk gy to gy blk, carb bulk		0144-3L 0144-2L 0144-1L 0144-0B
3816.00						0145
		3.68		70 S/Sst : gy w, kln 20 Sh/Clst: drk gy to gy blk, carb 10 Sltst : m gy bulk tr Coal : blk		0145-3L 0145-1L 0145-2L 0145-0B 0145-4L
3819.00						0146
		3.22		70 S/Sst : gy w, kln 20 Sh/Clst: drk gy to gy blk, carb 10 Sltst : m gy bulk tr Coal : blk		0146-3L 0146-1L 0146-2L 0146-0B 0146-4L

Table 3 : Lithology description for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3822.00						0147
			80	S/Sst : gy w, kln		0147-3L
			10	Sh/Clst: drk gy to gy blk, carb		0147-1L
			10	Sltst : m gy		0147-2L
	3.55			bulk		0147-0B
			tr	Coal : blk		0147-4L
3825.00						0148
			80	S/Sst : gy w, kln		0148-3L
			10	Sh/Clst: drk gy to gy blk, carb		0148-1L
			10	Sltst : m gy		0148-2L
	2.91			bulk		0148-0B
			tr	Coal : blk		0148-4L

Table 4 : Thermal Maturity Data for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation (%)	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
710.00	cut	bulk	0.23	20	0.03	-	3.0(?)	-	0011-0B
910.00	cut	bulk	NDP	-	-	-	-	-	0012-0B
1120.00	cut	bulk	NDP	-	-	-	-	-	0013-0B
1320.00	cut	bulk	NDP	-	-	-	3.0(?)	-	0014-0B
1520.00	cut	bulk	0.31	20	0.04	-	-	-	0015-0B
1730.00	cut	bulk	0.25	20	0.04	-	-	-	0016-0B
1940.00	cut	bulk	0.33	5	0.06	-	4.5(?)	-	0017-0B
2130.00	cut	bulk	0.44	22	0.07	-	-	-	0018-0B
2330.00	cut	bulk	0.42	21	0.09	-	5.0-5.5(?)	-	0019-0B
2523.00	cut	bulk	0.44	21	0.08	-	-	-	0020-0B
2726.34	ccp	bulk	0.42	22	0.06	-	-	-	0022-0B
2922.00	cut	bulk	1.19	13	0.12	-	5.5-6.0(??)	-	0025-0B
3021.00	cut	bulk	0.36	20	0.08	-	5.5-6.0	423	0029-0B
3090.00	cut	bulk	0.42	20	0.06	-	6.0(?)	418	0052-0B
3201.00	cut	bulk	0.49	20	0.05	-	5.5-6.0	435	0062-0B

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Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation (%)	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
3333.00	cut	bulk	0.57	20	0.07	-	6.0-6.5	435	0067-0B
3434.85	cut	bulk	-	-	-	-	6.0		
3438.00	cut	bulk	0.58	22	0.05	-	-	369	0095-0B
3534.00	cut	bulk	0.68	7	0.04	-	6.0-6.5	442	0105-0B
3640.81	ccp	bulk	0.58	22	0.05	-	6.0-6.5	447	0122-0B
3723.00	cut	bulk	0.65	20	0.06	-	6.5	441	0136-0B
3825.00	cut	bulk	0.72	20	0.04	-	6.5-7.0(?)	445	0148-0B

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2734.11	ccp	bulk	sst	16.97	0.23	-	-	0.85	27	-	17.2	0.99	425	0023-0B
2745.09	ccp	bulk	sst	10.65	0.47	-	-	0.74	64	-	11.1	0.96	426	0024-0B
3012.00	cut		Sh/Clst: m gy to gy blk	3.83	27.44	-	-	6.14	447	-	31.3	0.12	422	0026-1L
3015.00	cut		Sh/Clst: m gy to gy blk, brn blk	2.79	30.50	-	-	6.71	455	-	33.3	0.08	424	0027-1L
3018.00	cut		Sh/Clst: m gy to gy blk, brn blk	0.37	33.65	-	-	7.47	450	-	34.0	0.01	422	0028-1L
3021.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.30	30.23	-	-	6.80	445	-	30.5	0.01	423	0029-1L
3024.00	cut		Sh/Clst: drk gy to gy blk, brn blk	1.33	30.66	-	-	6.77	453	-	32.0	0.04	422	0030-1L
3027.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.35	24.86	-	-	6.23	399	-	25.2	0.01	422	0031-1L
3030.00	cut		Sh/Clst: drk gy to gy blk, brn blk	3.00	26.55	-	-	6.77	392	-	29.5	0.10	425	0032-1L
3033.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.28	24.31	-	-	6.40	380	-	24.6	0.01	422	0033-1L
3036.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.50	24.61	-	-	6.68	368	-	25.1	0.02	421	0034-1L
3039.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.55	26.02	-	-	7.04	370	-	26.6	0.02	425	0035-1L
3042.00	cut		Sh/Clst: drk gy to gy blk, brn blk	2.15	26.38	-	-	7.17	368	-	28.5	0.08	422	0036-1L
3045.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.39	25.58	-	-	7.24	353	-	26.0	0.02	422	0037-1L
3048.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.31	25.82	-	-	7.43	348	-	26.1	0.01	423	0038-1L
3051.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.97	23.78	-	-	7.31	325	-	24.7	0.04	421	0039-1L

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3054.00	cut		Sh/Clst: drk gy to gy blk, brn blk	1.72	21.15	-	-	7.06	300	-	22.9	0.08	419	0040-1L
3057.00	cut		Sh/Clst: drk gy to gy blk, brn blk	4.26	21.36	-	-	6.92	309	-	25.6	0.17	418	0041-1L
3060.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.34	18.50	-	-	6.44	287	-	18.8	0.02	420	0042-1L
3063.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.75	18.87	-	-	7.02	269	-	19.6	0.04	421	0043-1L
3066.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.31	16.75	-	-	6.23	269	-	17.1	0.02	421	0044-1L
3069.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.48	16.19	-	-	6.36	255	-	16.7	0.03	420	0045-1L
3072.00	cut		Sh/Clst: drk gy to gy blk, brn blk	1.91	18.86	-	-	6.99	270	-	20.8	0.09	421	0046-1L
3075.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.34	20.11	-	-	7.41	271	-	20.5	0.02	420	0047-1L
3078.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.52	22.87	-	-	7.38	310	-	23.4	0.02	421	0048-1L
3081.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.32	22.42	-	-	8.04	279	-	22.7	0.01	420	0049-1L
3084.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.23	22.36	-	-	8.09	276	-	22.6	0.01	425	0050-1L
3087.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.45	25.53	-	-	8.12	314	-	26.0	0.02	422	0051-1L
3090.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.27	23.41	-	-	8.31	282	-	23.7	0.01	418	0052-1L
3093.00	cut		Sh/Clst: drk gy to gy blk, brn blk	0.66	19.82	-	-	7.37	269	-	20.5	0.03	424	0053-1L
3096.00	cut		Sh/Clst: drk gy to gy blk, brn gy	1.21	19.18	-	-	7.09	271	-	20.4	0.06	424	0054-1L
3100.00	mud		bulk	128.68	8.43	-	-	5.07	166	-	137.1	0.94	406	0055-0B

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3102.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	2.54	23.10	-	-	8.10	285	-	25.6	0.10	422	0056-1L
3117.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	1.16	8.19	-	-	5.27	155	-	9.3	0.12	430	0057-1L
3126.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	0.70	5.38	-	-	4.50	120	-	6.1	0.12	435	0058-1L
3144.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	0.92	5.10	-	-	3.12	163	-	6.0	0.15	436	0059-1L
3165.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	0.14	4.26	-	-	1.85	230	-	4.4	0.03	436	0060-1L
3180.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	0.12	4.64	-	-	2.17	214	-	4.8	0.03	435	0061-1L
3201.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	1.15	4.39	-	-	1.95	225	-	5.5	0.21	435	0062-1L
3216.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	1.66	4.44	-	-	1.76	252	-	6.1	0.27	435	0063-1L
3228.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	0.20	3.25	-	-	1.43	227	-	3.5	0.06	434	0064-1L
3255.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	1.24	3.70	-	-	2.18	170	-	4.9	0.25	436	0065-1L
3282.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	0.63	3.95	-	-	2.66	148	-	4.6	0.14	435	0066-1L

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3333.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	1.90	3.94	-	-	3.01	131	-	5.8	0.33	435	0067-1L
3342.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	1.70	3.65	-	-	2.45	149	-	5.4	0.32	435	0068-1L
3345.00	cut		Sh/Clst: m drk gy to drk gy, brn gy, brn blk	2.07	3.56	-	-	2.16	165	-	5.6	0.37	437	0069-1L
3375.19	ccp	bulk	sst	9.93	0.38	-	-	-	-	-	10.3	0.96	351	0071-0B
3380.62	ccp	bulk	sst	27.38	0.83	-	-	-	-	-	28.2	0.97	424	0072-0B
3381.37	ccp	bulk	sh/clst	10.60	69.77	-	-	33.40	209	-	80.4	0.13	441	0073-0B
3381.37	ext	bulk	sh/clst	3.00	66.32	-	-	28.00	237	-	69.3	0.04	443	0157-0B
3381.61	ccp	bulk	coal	35.25	248.16	-	-	71.20	349	-	283.4	0.12	421	0074-0B
3381.61	ext	bulk		9.53	187.12	-	-	64.90	288	-	196.6	0.05	442	0158-0B
3381.66	ccp	bulk	sst	22.01	2.05	-	-	-	-	-	24.1	0.91	433	0075-0B
3383.83	ccp	bulk	sh/clst	6.89	83.53	-	-	31.30	267	-	90.4	0.08	444	0076-0B
3383.83	ext	bulk	sh/clst	2.11	77.50	-	-	31.90	243	-	79.6	0.03	444	0159-0B
3384.86	ccp	bulk	sst	0.56	0.14	-	-	-	-	-	0.7	0.80	434	0077-0B
3386.51	ccp	bulk	sst	0.26	0.10	-	-	-	-	-	0.4	0.72	402	0078-0B

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3389.83	ccp	bulk	sst	0.16	0.04	-	-	-	-	-	0.2	0.80	323	0079-0B
3392.63	ccp	bulk	sst	0.19	0.11	-	-	-	-	-	0.3	0.63	585	0150-0B
3394.82	ccp	bulk	sst	8.40	0.05	-	-	-	-	-	8.4	0.99	309	0081-0B
3398.85	ccp	bulk	sst	9.51	0.08	-	-	-	-	-	9.6	0.99	484	0082-0B
3400.00	mud	bulk		28.09	14.48	-	-	-	-	-	42.6	0.66	367	0084-0B
3400.74	ccp	bulk	sst	17.40	0.13	-	-	-	-	-	17.5	0.99	323	0083-0B
3404.66	ccp	bulk	sst	0.99	0.07	-	-	-	-	-	1.1	0.93	516	0085-0B
3408.06	ccp	bulk	sst	0.36	0.16	-	-	-	-	-	0.5	0.69	491	0086-0B
3411.05	ccp	bulk	sst	0.28	0.23	-	-	-	-	-	0.5	0.55	450	0087-0B
3415.51	ccp	bulk	sst	0.30	0.29	-	-	-	-	-	0.6	0.51	452	0088-0B
3418.20	ccp	bulk	sst	0.19	0.22	-	-	-	-	-	0.4	0.46	491	0089-0B
3420.61	ccp	bulk	sst	0.22	0.29	-	-	-	-	-	0.5	0.43	436	0090-0B
3424.62	ccp	bulk	sst	0.18	0.19	-	-	-	-	-	0.4	0.49	440	0091-0B
3426.81	ccp	bulk	sst	0.76	0.19	-	-	-	-	-	0.9	0.80	454	0092-0B
3429.58	ccp	bulk	sst	0.09	0.10	-	-	-	-	-	0.2	0.47	438	0093-0B
3434.85	ccp	bulk	sst	1.98	3.78	-	-	1.66	228	-	5.8	0.34	441	0094-0B

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3438.00	cut		bulk	6.18	4.13	-	-	2.22	186	-	10.3	0.60	369	0095-0B
3438.00	ext		bulk	0.45	7.34	-	-	4.41	166	-	7.8	0.06	441	0160-0B
3441.00	cut		bulk	6.17	3.77	-	-	2.18	173	-	9.9	0.62	443	0096-0B
3444.00	cut		bulk	4.62	2.74	-	-	1.95	141	-	7.4	0.63	438	0097-0B
3466.73	ccp		bulk sst	0.18	0.05	-	-	-	-	-	0.2	0.78	438	0099-0B
3470.72	ccp		bulk sst	0.18	0.18	-	-	-	-	-	0.4	0.50	320	0100-0B
3472.38	ccp		bulk sst	0.09	0.07	-	-	-	-	-	0.2	0.56	438	0101-0B
3476.95	ccp		bulk sst	0.14	0.06	-	-	-	-	-	0.2	0.70	435	0102-0B
3479.05	ccp		bulk sst	0.25	1.85	-	-	-	-	-	2.1	0.12	441	0103-0B
3483.38	ccp		bulk sst	0.10	0.06	-	-	0.11	55	-	0.2	0.63	444	0104-0B
3534.00	cut		Sltst : lt brn gy to drk brn gy	0.26	4.48	-	-	1.46	307	-	4.7	0.05	442	0105-2L
3546.69	ccp		bulk sst	0.12	0.18	-	-	-	-	-	0.3	0.40	438	0106-0B
3547.08	ccp		bulk sst	0.14	0.29	-	-	-	-	-	0.4	0.33	559	0107-0B
3552.60	ccp		bulk sst	0.15	0.28	-	-	-	-	-	0.4	0.35	538	0108-0B
3557.54	ccp		bulk sst	0.52	1.62	-	-	-	-	-	2.1	0.24	342	0109-0B
3568.40	ccp		bulk sst	0.37	0.47	-	-	-	-	-	0.8	0.44	371	0110-0B

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3572.19	ccp	bulk	sst	0.26	0.35	-	-	-	-	-	0.6	0.43	444	0111-0B
3572.56	ccp	bulk	sh/clst	0.41	5.49	-	-	1.81	303	-	5.9	0.07	447	0112-0B
3584.94	ccp	bulk	sh/clst	0.12	0.20	-	-	-	-	-	0.3	0.37	573	0113-0B
3588.63	ccp	bulk	sst	0.92	0.77	-	-	-	-	-	1.7	0.54	377	0114-0B
3597.87	ccp	bulk	sst	0.16	0.21	-	-	-	-	-	0.4	0.43	607	0115-0B
3601.33	ccp	bulk	sst	0.19	0.17	-	-	-	-	-	0.4	0.53	325	0116-0B
3609.15	ccp	bulk	sst	0.08	0.12	-	-	-	-	-	0.2	0.40	571	0117-0B
3622.45	ccp	bulk	sst	0.34	0.61	-	-	-	-	-	1.0	0.36	330	0118-0B
3629.95	ccp	bulk	sst	8.24	0.44	-	-	-	-	-	8.7	0.95	332	0119-0B
3632.95	ccp	bulk	sst	0.62	3.34	-	-	1.44	232	-	4.0	0.16	446	0120-0B
3634.74	ccp	bulk	sst	0.15	0.16	-	-	-	-	-	0.3	0.48	445	0121-0B
3640.81	ccp	bulk	sst	0.19	2.01	-	-	0.92	218	-	2.2	0.09	447	0122-0B
3647.33	ccp	bulk	sst	0.10	0.30	-	-	-	-	-	0.4	0.25	358	0123-0B
3657.00	cut	bulk		2.09	1.85	-	-	1.20	154	-	3.9	0.53	441	0124-0B
3660.00	cut	bulk		2.74	1.72	-	-	1.00	172	-	4.5	0.61	365	0125-0B
3663.00	cut	bulk		3.58	1.25	-	-	0.95	132	-	4.8	0.74	359	0126-0B

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3666.00	cut		bulk	1.94	1.33	-	-	0.84	158	-	3.3	0.59	362	0127-0B
3669.00	cut		bulk	3.58	1.74	-	-	0.98	178	-	5.3	0.67	366	0128-0B
3690.00	cut		Sh/Clst: brn gy to drk brn gy	3.13	2.11	-	-	1.17	180	-	5.2	0.60	442	0129-2L
3693.00	cut		bulk	3.07	2.10	-	-	1.22	172	-	5.2	0.59	443	0130-0B
3696.00	cut		Sh/Clst: drk gy to gy blk, brn gy	3.76	2.22	-	-	1.54	144	-	6.0	0.63	441	0131-2L
3699.00	cut		Sh/Clst: drk gy to gy blk	3.65	2.33	-	-	1.59	147	-	6.0	0.61	447	0132-1L
3702.00	cut		Sh/Clst: drk gy to gy blk	3.10	2.48	-	-	1.81	137	-	5.6	0.56	443	0133-1L
3705.00	cut		Sh/Clst: drk gy to gy blk	3.31	2.59	-	-	2.00	130	-	5.9	0.56	443	0134-1L
3720.00	cut		bulk	2.42	5.15	-	-	3.16	163	-	7.6	0.32	441	0135-0B
3723.00	cut		bulk	2.73	5.33	-	-	3.13	170	-	8.1	0.34	441	0136-0B
3723.00	ext		bulk	0.24	4.65	-	-	2.86	163	-	4.9	0.05	442	0161-0B
3729.00	cut		bulk	3.20	3.96	-	-	2.24	177	-	7.2	0.45	446	0137-0B
3744.00	cut		bulk	2.79	5.32	-	-	3.17	168	-	8.1	0.34	442	0138-0B
3750.00	cut		bulk	3.29	4.10	-	-	2.60	158	-	7.4	0.45	442	0139-0B
3786.00	cut		bulk	4.81	12.69	-	-	5.32	239	-	17.5	0.27	441	0140-0B
3786.00	ext		bulk	0.41	22.74	-	-	8.68	262	-	23.1	0.02	438	0162-0B

Table 5: Rock-Eval table for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3789.00	cut		bulk	4.84	12.84	-	-	6.73	191	-	17.7	0.27	441	0141-0B
3789.00	ext		bulk	0.35	17.37	-	-	7.09	245	-	17.7	0.02	437	0163-0B
3792.00	cut		bulk	3.66	5.47	-	-	3.19	171	-	9.1	0.40	444	0142-0B
3795.00	cut		bulk	3.27	5.92	-	-	3.06	193	-	9.2	0.36	443	0143-0B
3798.00	cut		bulk	2.82	4.38	-	-	2.30	190	-	7.2	0.39	445	0144-0B
3816.00	cut		bulk	3.28	6.92	-	-	3.68	188	-	10.2	0.32	445	0145-0B
3816.00	ext		bulk	0.28	7.96	-	-	4.36	183	-	8.2	0.03	443	0164-0B
3819.00	cut		bulk	4.46	5.62	-	-	3.22	175	-	10.1	0.44	445	0146-0B
3822.00	cut		bulk	3.46	6.47	-	-	3.55	182	-	9.9	0.35	443	0147-0B
3822.00	ext		bulk	0.84	40.29	-	-	18.70	215	-	41.1	0.02	442	0165-0B
3825.00	cut		bulk	3.47	4.94	-	-	2.91	170	-	8.4	0.41	445	0148-0B

Note : Bulk cuttings samples analysed consist of representative mixtures of the lithologies present (see Table 3). This was due to the fine grained nature of the cuttings, which precluded any form of satisfactory separation by picking. Where present the sample is picked clean of any contaminating clasts.

Table 6 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
3018.00	cut	Sh/Clst: m gy to gy blk, brn blk	8.73	14.03	34.06	43.18	33.65	0028-1L
3027.00	cut	Sh/Clst: drk gy to gy blk, brn blk	10.25	11.67	35.44	42.65	24.86	0031-1L
3048.00	cut	Sh/Clst: drk gy to gy blk, brn blk	7.08	15.66	34.03	43.24	25.82	0038-1L
3063.00	cut	Sh/Clst: drk gy to gy blk, brn blk	7.05	16.15	34.59	42.21	18.87	0043-1L
3075.00	cut	Sh/Clst: drk gy to gy blk, brn blk	12.48	12.53	34.17	40.81	20.11	0047-1L
3087.00	cut	Sh/Clst: drk gy to gy blk, brn blk	15.06	9.26	31.41	44.26	25.53	0051-1L
3102.00	cut	Sh/Clst: m drk gy to drk gy, brn gy, brn blk	16.50	9.86	30.33	43.31	23.10	0056-1L
3117.00	cut	Sh/Clst: m drk gy to drk gy, brn gy, brn blk	16.36	11.76	33.82	38.06	8.19	0057-1L
3180.00	cut	Sh/Clst: m drk gy to drk gy, brn gy, brn blk	15.15	12.69	39.57	32.59	4.64	0061-1L
3381.61	ext	bulk	15.48	14.86	22.54	47.12	187.12	0158-0B
3383.83	ext	bulk	15.85	24.39	30.99	28.78	77.50	0159-0B
3438.00	ext	bulk	13.49	36.66	33.37	16.48	7.34	0160-0B
3534.00	cut	Sltst : lt brn gy to drk brn gy	9.55	26.37	37.43	26.64	4.48	0105-2L
3572.56	ccp	bulk	17.38	10.67	31.93	40.02	5.49	0112-0B

Table 6 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
3786.00	ext	bulk	13.62	23.87	30.19	32.31	22.74	0162-0B
3816.00	ext	bulk	16.61	35.48	33.91	14.00	7.96	0164-0B
3822.00	ext	bulk	14.90	20.85	26.31	37.95	40.29	0165-0B

Table 7: Visual Kerogen Composition Data for well NOCS 6507/3-3

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			De		
710.00	cut	Sltst	TR	*		0								5	*	**		10	*	**		85	*	**	3.0(?)	0011-1L
1320.00	cut	S/Sst	TR	*		TR	?							5	*	**		TR	*	**		95	*	**	3.0(?)	0014-1L
1940.00	cut	Sh/Clst	45	*		TR	*		?					20	**	*	**	5	*	**		30	*	*	4.5(?)	0017-1L
2330.00	cut	Sh/Clst	30	*		TR	*							30	**	*	**	10	*	*		30	*	*	5.0-5.5(?)	0019-1L
2922.00	cut	Sh/Clst	60	*		TR	*		?					5	*	?	**	10	*	**		25	*	**	5.5-6.0(??)	0025-1L
3021.00	cut	Sh/Clst	55	*	*	20	*		*					10	*	*	*	5		*		10	*	**	5.5-6.0	0029-1L
3090.00	cut	Sh/Clst	60	*	*	5	*		?					10	**	*	*	10	*	**		15	*	**	6.0(?)	0052-1L
3201.00	cut	Sh/Clst	65	*	*	5	*							15	**	*	*	5	*	**		10	*	**	5.5-6.0	0062-1L
3333.00	cut	Sh/Clst	30	*	**	TR	*							15	**	*	**	15	**	*		40	**	*	6.0-6.5	0067-1L
3434.85	ccp	bulk	30	*	**	5	*		?	*	?			25	**	*	*	30	**	*		10	**	*	6.0	0094-0B
3640.81	ccp	bulk	70	*	*	5	*		*					10	*	**	*	5	*	**		10	*	**	6.0-6.5	0122-0B
3723.00	cut	Sh/Clst	15	*		0								25	*	**	*	30	**	*		30	**	*	6.5	0136-1L
3825.00	cut	Sh/Clst	40	*		0								10	*	**	*	35	**	*		15	**	*	6.5-7.0(?)	0148-1L

Table 8a: MPLC Bulk Composition: Weight of EOM and Fraction for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC (e) (%)	Sample
3375.14	ccp	bulk	5.0	69.2	-	-	-	-	-	-	-	0003-0B
3375.19	ccp	bulk	9.1	123.2	85.1	0.4	-	37.7	85.5	37.7	0.43	0071-0B
3380.62	ccp	bulk	9.2	228.7	179.6	0.5	-	48.6	180.1	48.6	1.20	0072-0B
3381.37	ccp	bulk	2.0	47.8	5.5	11.5	20.6	10.2	17.0	30.8	30.30	0073-0B
3381.61	ccp	bulk	1.7	128.4	28.7	16.2	1.8	81.8	44.8	83.6	69.70	0074-0B
3381.66	ccp	bulk	6.1	123.5	99.8	3.8	5.6	14.3	103.6	19.9	1.35	0075-0B
3383.83	ccp	bulk	1.8	42.4	4.4	9.9	20.3	7.8	14.3	28.1	32.50	0076-0B
3391.00	ccp	bulk	10.1	9.0	-	-	-	-	-	-	-	0001-0B
3394.82	ccp	bulk	10.1	122.6	113.5	0.8	1.8	6.5	114.3	8.3	0.69	0081-0B
3398.85	ccp	bulk	9.6	103.7	66.8	0.7	0.1	36.1	67.5	36.2	0.67	0082-0B
3400.74	ccp	bulk	9.9	196.4	160.1	0.5	0.1	35.7	160.6	35.8	1.16	0083-0B
3405.00	ccp	bulk	10.1	53.1	-	-	-	-	-	-	-	0002-0B
3415.07	ccp	bulk	5.0	2.8	-	-	-	-	-	-	-	0004-0B
3426.10	ccp	bulk	5.0	4.6	-	-	-	-	-	-	-	0005-0B
3438.00	cut	bulk	5.8	75.7	46.1	7.6	15.5	6.5	53.7	22.0	4.41	0095-0B
3467.00	ccp	bulk	4.8	13.4	-	-	-	-	-	-	-	0006-0B

Table 8a: MPLC Bulk Composition: Weight of EOM and Fraction for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC (e) (%)	Sample
3473.00	ccp	bulk	8.0	36.1	-	-	-	-	-	-	-	0007-0B
3479.00	ccp	bulk	5.3	16.9	-	-	-	-	-	-	-	0008-0B
3583.00	ccp	bulk	5.1	14.4	-	-	-	-	-	-	-	0009-0B
3637.00	ccp	bulk	5.0	4.4	-	-	-	-	-	-	-	0010-0B
3723.00	cut	bulk	5.4	51.7	-	-	-	-	-	-	3.13	0136-0B
3786.00	cut	bulk	3.7	71.9	15.0	8.6	37.6	10.7	23.6	48.3	9.51	0140-0B
3789.00	cut	bulk	4.5	93.2	17.0	12.5	62.3	1.3	29.6	63.6	8.11	0141-0B
3816.00	cut	bulk	6.3	74.6	-	-	-	-	-	-	3.68	0145-0B
3822.00	cut	bulk	4.2	117.8	3.2	34.9	49.6	30.0	38.2	79.6	18.70	0147-0B

Table 8b: MPLC Bulk Composition: Concentration of EOM and Fraction (wt ppm rock) for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3375.14	ccp	bulk	13812	-	-	-	-	-	-	0003-0B
3375.19	ccp	bulk	13479	9308	43	-	4127	9352	4127	0071-0B
3380.62	ccp	bulk	24885	19541	55	-	5288	19596	5288	0072-0B
3381.37	ccp	bulk	24263	2780	5848	10456	5177	8629	15634	0073-0B
3381.61	ccp	bulk	73623	16438	9277	1032	46875	25716	47907	0074-0B
3381.66	ccp	bulk	20279	16384	628	919	2346	17012	3266	0075-0B
3383.83	ccp	bulk	23043	2381	5384	11032	4245	7765	15277	0076-0B
3391.00	ccp	bulk	894	-	-	-	-	-	-	0001-0B
3394.82	ccp	bulk	12078	11185	79	177	636	11264	814	0081-0B
3398.85	ccp	bulk	10779	6946	69	10	3752	7016	3763	0082-0B
3400.74	ccp	bulk	19842	16178	47	10	3605	16226	3615	0083-0B
3405.00	ccp	bulk	5267	-	-	-	-	-	-	0002-0B
3415.07	ccp	bulk	558	-	-	-	-	-	-	0004-0B
3426.10	ccp	bulk	912	-	-	-	-	-	-	0005-0B
3438.00	cut	bulk	12984	7901	1301	2658	1122	9203	3781	0095-0B

Table 8b: MPLC Bulk Composition: Concentration of EOM and Fraction (wt ppm rock) for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3467.00	ccp	bulk	2797	-	-	-	-	-	-	0006-0B
3473.00	ccp	bulk	4523	-	-	-	-	-	-	0007-0B
3479.00	ccp	bulk	3200	-	-	-	-	-	-	0008-0B
3583.00	ccp	bulk	2845	-	-	-	-	-	-	0009-0B
3637.00	ccp	bulk	876	-	-	-	-	-	-	0010-0B
3723.00	cut	bulk	9645	-	-	-	-	-	-	0136-0B
3786.00	cut	bulk	19591	4084	2353	10245	2907	6438	13152	0140-0B
3789.00	cut	bulk	20803	3798	2798	13906	299	6597	14206	0141-0B
3816.00	cut	bulk	11860	-	-	-	-	-	-	0145-0B
3822.00	cut	bulk	27914	769	8272	11753	7118	9042	18872	0147-0B

Table 8c: MPLC Bulk Composition: Concentration of EOM and Fraction (mg/g TOC(e)) for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3375.14	ccp	bulk	-	-	-	-	-	-	-	0003-0B
3375.19	ccp	bulk	3134.70	2164.68	10.21	-	959.81	2174.89	959.81	0071-0B
3380.62	ccp	bulk	2073.81	1628.43	4.64	-	440.74	1633.07	440.74	0072-0B
3381.37	ccp	bulk	80.08	9.18	19.30	34.51	17.09	28.48	51.60	0073-0B
3381.61	ccp	bulk	105.63	23.59	13.31	1.48	67.25	36.90	68.73	0074-0B
3381.66	ccp	bulk	1502.16	1213.66	46.56	68.11	173.82	1260.22	241.94	0075-0B
3383.83	ccp	bulk	70.90	7.33	16.57	33.95	13.06	23.89	47.01	0076-0B
3391.00	ccp	bulk	-	-	-	-	-	-	-	0001-0B
3394.82	ccp	bulk	1750.55	1621.01	11.54	25.70	92.30	1632.55	118.00	0081-0B
3398.85	ccp	bulk	1608.90	1036.77	10.44	1.55	560.14	1047.21	561.69	0082-0B
3400.74	ccp	bulk	1710.55	1394.74	4.09	0.87	310.85	1398.83	311.72	0083-0B
3405.00	ccp	bulk	-	-	-	-	-	-	-	0002-0B
3415.07	ccp	bulk	-	-	-	-	-	-	-	0004-0B
3426.10	ccp	bulk	-	-	-	-	-	-	-	0005-0B
3438.00	cut	bulk	294.43	179.17	29.52	60.29	25.45	208.70	85.74	0095-0B

Table 8c: MPLC Bulk Composition: Concentration of EOM and Fraction (mg/g TOC(e)) for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3467.00	ccp	bulk	-	-	-	-	-	-	-	0006-0B
3473.00	ccp	bulk	-	-	-	-	-	-	-	0007-0B
3479.00	ccp	bulk	-	-	-	-	-	-	-	0008-0B
3583.00	ccp	bulk	-	-	-	-	-	-	-	0009-0B
3637.00	ccp	bulk	-	-	-	-	-	-	-	0010-0B
3723.00	cut	bulk	308.16	-	-	-	-	-	-	0136-0B
3786.00	cut	bulk	206.01	42.95	24.75	107.73	30.57	67.70	138.31	0140-0B
3789.00	cut	bulk	256.52	46.84	34.51	171.47	3.70	81.35	175.17	0141-0B
3816.00	cut	bulk	322.29	-	-	-	-	-	-	0145-0B
3822.00	cut	bulk	149.28	4.12	44.24	62.85	38.07	48.36	100.92	0147-0B

Table 8d: MPLC Bulk Composition: Material extracted from the rock (%) for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	Total	HC	Non-HC	Recov. MPLC	Recov. Asph	Sample
3375.14	ccp	bulk	-	-	-	-	-	-	-	-	-	0003-0B
3375.19	ccp	bulk	69.06	0.33	-	30.62	100.00	69.38	30.62	0.57	-	0071-0B
3380.62	ccp	bulk	78.52	0.22	-	21.25	100.00	78.75	21.25	0.83	-	0072-0B
3381.37	ccp	bulk	11.46	24.11	43.10	21.34	100.00	35.56	64.44	0.96	0.90	0073-0B
3381.61	ccp	bulk	22.33	12.60	1.40	63.67	100.00	34.93	65.07	0.89	0.80	0074-0B
3381.66	ccp	bulk	80.79	3.10	4.53	11.57	100.00	83.89	16.11	0.80	0.98	0075-0B
3383.83	ccp	bulk	10.33	23.37	47.88	18.42	100.00	33.70	66.30	0.94	0.92	0076-0B
3391.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0001-0B
3394.82	ccp	bulk	92.60	0.66	1.47	5.27	100.00	93.26	6.74	0.49	1.00	0081-0B
3398.85	ccp	bulk	64.44	0.65	0.10	34.81	100.00	65.09	34.91	0.92	0.97	0082-0B
3400.74	ccp	bulk	81.54	0.24	0.05	18.17	100.00	81.78	18.22	0.87	0.98	0083-0B
3405.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0002-0B
3415.07	ccp	bulk	-	-	-	-	-	-	-	-	-	0004-0B
3426.10	ccp	bulk	-	-	-	-	-	-	-	-	-	0005-0B
3438.00	cut	bulk	60.85	10.03	20.48	8.64	100.00	70.88	29.12	0.92	0.70	0095-0B
3467.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0006-0B

Table 8d: MPLC Bulk Composition: Material extracted from the rock (%) for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	Total	HC	Non-HC	Recov. MPLC	Recov. Asph	Sample
3473.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0007-0B
3479.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0008-0B
3583.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0009-0B
3637.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0010-0B
3723.00	cut	bulk	-	-	-	-	-	-	-	-	-	0136-0B
3786.00	cut	bulk	20.85	12.01	52.29	14.84	100.00	32.86	67.14	0.85	0.85	0140-0B
3789.00	cut	bulk	18.26	13.45	66.85	1.44	100.00	31.71	68.29	0.70	0.83	0141-0B
3816.00	cut	bulk	-	-	-	-	-	-	-	-	-	0145-0B
3822.00	cut	bulk	2.76	29.64	42.11	25.50	100.00	32.39	67.61	0.54	0.62	0147-0B

Table 8e: MPLC Bulk Composition: Ratios for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	Sat	HC	Asp	Sample
			Aro	Non-HC	NSO	
3375.14	ccp	bulk	-	-	-	0003-0B
3375.19	ccp	bulk	212.00	2.27	-	0071-0B
3380.62	ccp	bulk	351.00	3.71	-	0072-0B
3381.37	ccp	bulk	0.48	0.55	2.02	0073-0B
3381.61	ccp	bulk	1.77	0.54	0.02	0074-0B
3381.66	ccp	bulk	26.07	5.21	0.39	0075-0B
3383.83	ccp	bulk	0.44	0.51	2.60	0076-0B
3391.00	ccp	bulk	-	-	-	0001-0B
3394.82	ccp	bulk	140.50	13.84	0.28	0081-0B
3398.85	ccp	bulk	99.33	1.86	0.00	0082-0B
3400.74	ccp	bulk	341.00	4.49	0.00	0083-0B
3405.00	ccp	bulk	-	-	-	0002-0B
3415.07	ccp	bulk	-	-	-	0004-0B
3426.10	ccp	bulk	-	-	-	0005-0B
3438.00	cut	bulk	6.07	2.43	2.37	0095-0B

Table 8e: MPLC Bulk Composition: Ratios for well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	Sat	HC	Asp	Sample
			Aro	Non-HC	NSO	
3467.00	ccp	bulk	-	-	-	0006-0B
3473.00	ccp	bulk	-	-	-	0007-0B
3479.00	ccp	bulk	-	-	-	0008-0B
3583.00	ccp	bulk	-	-	-	0009-0B
3637.00	ccp	bulk	-	-	-	0010-0B
3723.00	cut	bulk	-	-	-	0136-0B
3786.00	cut	bulk	1.74	0.49	3.52	0140-0B
3789.00	cut	bulk	1.36	0.46	46.37	0141-0B
3816.00	cut	bulk	-	-	-	0145-0B
3822.00	cut	bulk	0.09	0.48	1.65	0147-0B

Table 11a: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 6507/3-3

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Rat.10	Rat.11	Rat.12	Rat.13	Rat.14	Sample
3789.00	S/Sst	4.21	0.81	0.20	0.63	0.39	0.14	0.02	0.04	0.02	0.01	0.92	0.39	0.09	59.51	0141-3

Note : Saturated fraction analysed is from an extract from a bulk cuttings sample taken at 3789.0m. This bulk sample consists of a mixture of shale/claystone and (likely non-contributing) sand.

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 6507/3-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Ratio5</u>	<u>Ratio6</u>	<u>Ratio7</u>	<u>Ratio8</u>	<u>Ratio9</u>	<u>Ratio10</u>	<u>Sample</u>
3789.00	S/Sst	0.62	53.43	70.07	0.17	0.69	0.10	0.09	0.54	1.15	2.51	0141-3

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 6507/3-3

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	
3789.00	S/Sst	2547.6	822.9	170.5	18150.8	120.5	8570.5	36061.5	3115.0	2028.4	0141-3
		83937.1	15749.7	19110.3	7622.7	0.0	133053.0	12175.4	0.0	56421.8	
		37684.8	30228.8	20570.3	14237.5	9455.7	7809.2	4925.1	2239.2	1304.6	

Table 11d: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 6507/3-3

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					
3789.00	S/Sst	710.4	260.7	599.3	337.4	207.4	176.7	601.9	219.2	499.6	0141-3
		4071.0	650.2	368.4	2220.1	928.0	480.0	374.6	503.5		
		351.7	2065.3	2839.7	1685.7	1800.3					

* 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 6507/3-3

Depth unit of measure: m

Depth	Lithology	27 β β R	27 β β S	28 β β R	28 β β S	29 β β R	29 β β S	30 β β R	30 β β S	Sample
3789.00	S/Sst	1289.6	349.9	424.4	622.4	4263.9	3003.1	154.2	27.1	0141-3

Table 11f: Raw triterpane data (peak height) m/z 177 SIR for Well NOCS 6507/3-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>25nor28aß</u>	<u>25nor30aß</u>	<u>Sample</u>
3789.00	S/Sst	0.0	0.0	0141-3

Table 11g: Amount of triterpanes (ppb) m/z 191 SIR for Well NOCS 6507/3-3

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	
3789.00	S/Sst	52794.3 1739414.6 780936.4	17051.9 326378.8 626427.7	3532.2 396020.4 426274.1	376135.8 157963.7 295040.4	2497.8 0.0 195948.4	177605.9 2757236.5 161828.0	747297.2 252308.1 102061.8	64551.6 0.0 46402.5	42033.9 1169220.1 27034.1	0141-3

Table 11h: Amount of steranes (ppb) m/z 217 SIR for Well NOCS 6507/3-3

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daR	27daS	28dBS	28dBR	28daR*	Sample
		29dBS*	28daS*	27aaR	29dBR	29daR	28aaS	29daS*	28BRB		
		28aaR	29aaS	29BRB	29BRB	29aaR					
3789.00	S/Sst	14722.0	5403.5	12419.6	6991.9	4298.0	3661.4	12472.8	4543.4	10354.1	0141-3
		84362.9	13474.2	7635.3	46007.4	19230.2	9946.4	7762.7	10433.8		
		7287.3	42798.0	58845.7	34933.3	37307.3					

* 28daR coel with 27aaS, 29dBS coel with 27BRB, 28daS coel with 27BRB, 29daS coel with 28BRB

Table 11i: Amount of standard and weight of sample for Well NOCS 6507/3-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Standard</u>	<u>Amount</u>	<u>Weight</u>	<u>Sample</u>
3789.00	S/Sst	8889.2	0.700	3.8	0141-3

Table 14A: Volume Composition of Gas Samples from well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2	C3	iC4	nC4	iC5	nC5+	CO2	sum C1-C5	wet- ness	iC4/ nC4	Sample
2686.10	gas	bulk	92.80	2.60	1.10	0.07	0.12	-	2.70	0.57	99.4	0.04	0.58	0152-0B
3388.00	gas	bulk	90.80	3.60	1.80	0.12	0.32	-	0.59	2.70	97.2	0.06	0.37	0153-0B
3468.20	gas	bulk	86.20	3.60	1.80	0.20	0.35	-	5.60	2.30	97.7	0.06	0.57	0154-0B
3543.80	gas	bulk	86.50	4.00	2.10	0.20	0.35	-	3.70	3.10	96.8	0.07	0.57	0155-0B
3700.50	gas	bulk	90.10	3.40	1.70	0.11	0.31	-	0.78	3.60	96.4	0.06	0.35	0156-0B

Table 14B: Isotopic Composition of Gas Samples from well NOCS 6507/3-3

Depth unit of measure: m

Depth	Typ	Lithology	C1 d13C	C1 dD	C2 d13C	C3 d13C	iC4 d13C	nC4 d13C	CO2 d13C	CO2 d18O	Sample
2686.10	gas	bulk	-41.5	-191.0	-30.1	-28.2	-26.4	-27.6	-14.3	-8.9	0152-0B
3388.00	gas	bulk	-35.0	-191.0	-27.4	-26.7	-22.7	-25.9	-9.7	-16.9	0153-0B
3468.20	gas	bulk	-34.8	-172.0	-27.4	-27.1	-23.6	-26.5	-9.3	-11.8	0154-0B
3543.80	gas	bulk	-34.7	-165.0	-27.3	-26.5	-23.5	-25.6	-8.2	-10.6	0155-0B
3700.50	gas	bulk	-34.4	-	-27.1	-26.9	-22.5	-27.0	-7.3	-18.0	0156-0B