

- 7 -

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3060.00						0030
				50 Sh/Clst: drk gy to m drk bl gy		0030-1L
				45 Ca : w, dol		0030-2L
				5 Sh/Clst: brn		0030-3L
3070.00						0031
				50 Ca : w, dol		0031-2L
				45 Sh/Clst: drk gy to m drk bl gy		0031-1L
				5 Sh/Clst: brn		0031-3L
3080.00						0032
				70 Ca : w, dol		0032-2L
				25 Sh/Clst: drk gy to m drk bl gy		0032-1L
				5 Sh/Clst: brn		0032-3L
3090.00						0034
				90 Ca : w, dol		0034-2L
				10 Sh/Clst: m drk gy to m drk bl gy		0034-1L
				tr Sh/Clst: brn		0034-3L
3100.00						0035
				90 Ca : w, dol		0035-2L
				10 Sh/Clst: m drk gy to m drk bl gy		0035-1L
				tr Sh/Clst: brn		0035-3L
3110.00						0036
				85 Ca : w, dol		0036-2L
				10 Sh/Clst: m drk gy to m drk bl gy		0036-1L
				5 Sh/Clst: brn		0036-3L

- 8-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3120.00						0037
			85	Ca : w, dol		0037-2L
			10	Sh/Clst: m drk gy to m drk bl gy		0037-1L
			5	Sh/Clst: brn		0037-3L
3130.00						0038
			85	Ca : w, dol		0038-2L
			10	Sh/Clst: m drk gy to m drk bl gy		0038-1L
			5	Sh/Clst: brn		0038-3L
3135.00						0088
			90	Ca : w, chk, sft		0088-1L
			10	Sh/Clst: m gy to drk gy, pyr, slt		0088-2L
3150.00						0039
	0.10		85	Ca : w, dol		0039-2L
			10	Sh/Clst: m drk gy to m drk bl gy		0039-1L
			5	Sh/Clst: brn		0039-3L
3160.00						0040
			90	Ca : w, dol		0040-2L
			5	Sh/Clst: m drk gy to m drk bl gy		0040-1L
			5	Sh/Clst: brn		0040-3L
3190.00						0041
			95	Ca : w, dol		0041-2L
			5	Sh/Clst: m drk gy to m drk bl gy		0041-1L
			tr	Sh/Clst: brn		0041-3L

- 9-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3220.00						0042
			60	Ca	: w, dol	0042-2L
			35	Ca	: lt pi, chk	0042-4L
			5	Sh/Clst:	m drk gy to m drk bl gy	0042-1L
			tr	Sh/Clst:	brn	0042-3L
3250.00						0043
	0.12		85	Ca	: w, dol	0043-2L
			10	Ca	: lt pi, chk	0043-4L
			5	Sh/Clst:	m drk gy to m drk ol gy	0043-1L
			tr	Sh/Clst:	brn	0043-3L
3280.00						0044
			75	Ca	: w, dol	0044-2L
			10	Sh/Clst:	m drk gy to m drk ol gy	0044-1L
			10	Ca	: lt pi, chk	0044-4L
			5	Sh/Clst:	brn	0044-3L
3310.00						0045
			40	Sh/Clst:	m drk gn gy to m drk ol gy	0045-1L
			40	Ca	: w, dol	0045-2L
			10	Sh/Clst:	brn	0045-3L
			10	Ca	: lt pi, chk	0045-4L
3340.00						0046
	0.48		55	Sh/Clst:	m drk gn gy to m drk ol gy	0046-1L
			25	Ca	: w, dol	0046-2L
			10	Sh/Clst:	brn	0046-3L
			10	Ca	: lt pi, chk	0046-4L

- 10-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3365.00						0047
				75 Sh/Clst: m drk gn gy to m drk ol gy		0047-1L
				15 Ca : w, dol		0047-2L
				5 Sh/Clst: brn		0047-3L
				5 Ca : lt pi, chk		0047-4L
				tr Other : y, pyr		0047-5L
3400.00						0048
		0.49	100	Sh/Clst: drk ol gy		0048-1L
				tr Ca : w, dol		0048-2L
				tr Other : y, pyr		0048-3L
3415.00						0074
		4.99	90	Sh/Clst: drk gy to drk ol gy		0074-1L
			10	Sh/Clst: m lt ol gy		0074-2L
				tr Other : y, pyr		0074-3L
3418.00						0075
		4.58	100	Sh/Clst: drk gy to drk ol gy		0075-1L
				tr Sh/Clst: m lt ol gy		0075-2L
				tr Other : y, pyr		0075-3L
3420.00						0089
			100	Sh/Clst: lt gy to m gy to drk gy to gy		0089-1L
				blk, calc, pyr, slt, st		
				tr Cont : prp		0089-2L

- 11-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3421.00						0076
		4.95	100	Sh/Clst: drk gy to drk ol gy tr Sh/Clst: m lt ol gy tr Ca : w		0076-1L 0076-2L 0076-3L
3423.00						0077
		4.53	100	Sh/Clst: drk gy to drk ol gy tr Sh/Clst: m lt ol gy		0077-1L 0077-2L
3426.00						0078
		3.64	95	Sh/Clst: drk gy to drk ol gy 5 Sh/Clst: m lt ol gy tr Other : y, pyr		0078-1L 0078-2L 0078-3L
3456.00						0090
		0.85	70	Sh/Clst: m gy to drk gy to gy blk, calc, pyr, slt, st 15 Sltst : lt gy w to lt gy, cly 15 Cont : prp tr Ca : w, chk		0090-1L 0090-2L 0090-3L 0090-4L
3486.00						0091
		1.14	55	Sh/Clst: lt gy to m gy to drk gy, calc, slt 40 Sltst : lt brn to m brn, cly 5 Sh/Clst: gy blk, pyr, slt tr Cont : w, bar		0091-1L 0091-2L 0091-3L 0091-4L

- 12-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
3516.00						0113	
	0.89	60	Sh/Clst: m lt gy to m lt gn gy			0113-1L	
		40	Sh/Clst: m brn, calc			0113-2L	
3549.00						0114	
	1.30	50	Sh/Clst: m lt gy to m lt gn gy			0114-1L	
		45	Sh/Clst: lt y gy, calc			0114-3L	
		5	Sh/Clst: m brn, calc			0114-2L	
3592.00	ccp					0116	
	1.92	100	Sh/Clst: drk gy			0116-1L	
3599.80	ccp					0117	
	2.61	100	Sh/Clst: m gy, slt			0117-1L	
3609.00						0079	
	2.99	45	Sh/Clst: drk gy			0079-1L	
		40	Sh/Clst: m ol gy			0079-2L	
		10	Sh/Clst: pl y brn, slt			0079-3L	
		5	S/Sst : w			0079-4L	
3615.00						0049	
		40	Sh/Clst: drk gy			0049-1L	
		30	S/Sst : w, l, f			0049-3L	
		25	Sh/Clst: m brn gy			0049-2L	
		5	Cont : brn, prp			0049-4L	

- 13-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3621.00						0080
				50 Sh/Clst: m brn gy		0080-2L
				30 Sh/Clst: drk gy		0080-1L
				15 Sh/Clst: pl y brn, slt		0080-3L
				5 S/Sst : w		0080-4L
3624.00						0050
				75 Sh/Clst: drk gy		0050-1L
				25 Sh/Clst: m brn gy		0050-2L
				tr Cont : brn, prp		0050-3L
				tr Sltst : brn		0050-4L
3627.00						0081
				70 Sh/Clst: m brn gy		0081-2L
				20 Sh/Clst: pl y brn, slt		0081-3L
				10 Sh/Clst: drk gy		0081-1L
				tr Other : y, pyr		0081-4L
3633.00						0051
				80 Sh/Clst: drk gy		0051-1L
				15 Sh/Clst: m brn gy		0051-2L
				5 Sltst : m brn		0051-4L
				tr Cont : brn, prp		0051-3L
				tr Coal : blk		0051-5L
3639.00						0082
				70 S/Sst : w, l, f		0082-4L
				15 Sh/Clst: drk gy to m brn gy		0082-1L
				5 Sh/Clst: brn, slt		0082-2L
				5 Kaolin : w		0082-3L
				5 Cont : prp		0082-5L

- 14-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3642.00						0052
			80	Sh/Clst: drk gy		0052-1L
			15	Sh/Clst: m brn gy		0052-2L
			5	Sltst : m brn		0052-4L
			tr	Cont : brn, prp		0052-3L
			tr	Coal : blk		0052-5L
3645.00						0083
			45	Sh/Clst: m brn gy		0083-6L
			40	Sh/Clst: drk gy		0083-1L
			5	Sh/Clst: m lt brn, slt		0083-2L
			5	S/Sst : w, l, f		0083-4L
			5	Cont : prp		0083-5L
			tr	Kaolin : w		0083-3L
3651.00						0053
	2.17		60	Sh/Clst: m drk gy to m ol gy		0053-1L
			35	S/Sst : w, l, f		0053-4L
			5	Cont : brn, prp		0053-2L
			tr	Coal : blk		0053-3L
3657.00						0084
			80	S/Sst : w, l, f		0084-3L
			10	Sh/Clst: drk gy		0084-1L
			5	Kaolin : w		0084-2L
			5	Sh/Clst: m brn gy		0084-4L
3660.00						0054
			40	Sh/Clst: m drk gy to m ol gy		0054-1L
			25	Sh/Clst: drk gy		0054-6L
			20	Sh/Clst: lt ol gy, slt		0054-5L
			15	S/Sst : w, l, f		0054-4L
			tr	Cont : brn, prp		0054-2L
			tr	Coal : blk		0054-3L



- 15-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3663.00						0085
				35 Sh/Clst: drk gy to m ol gy		0085-1L
				35 Sh/Clst: lt y gy		0085-5L
				10 Kaolin : w		0085-2L
				10 S/Sst : w, l, f		0085-3L
				5 Sh/Clst: m brn gy		0085-4L
				5 Cont : blk, Coal-ad		0085-6L
3669.00						0115
				90 S/Sst : w, l, f		0115-1L
				5 Sh/Clst: drk gy		0115-2L
				5 Cont : brn, prp		0115-3L
				tr Kaolin : w, sft		0115-4L
3678.00						0055
				80 S/Sst : w to lt brn w, l, f		0055-3L
				15 Sh/Clst: m drk gy to m ol gy		0055-1L
				5 Sh/Clst: drk gy		0055-5L
				tr Cont : brn, prp		0055-2L
				tr Sh/Clst: lt ol gy, slt		0055-4L
3680.50	ccp					0118
				100 S/Sst : lt y gy		0118-1L
3684.40	ccp					0119
				100 S/Sst : lt y gy		0119-1L

- 16-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3687.00						0056
	0.46		70	S/Sst : w to lt gy w, calc, cly		0056-3L
			30	Sh/Clst: drk gy to drk ol gy		0056-1L
			tr	Cont : brn, prp		0056-2L
			tr	Sltst : m brn		0056-4L
3689.00						0092
			70	S/Sst : w to lt gy w, f, l		0092-1L
			15	Sh/Clst: m gy to drk gy to gy blk, slt		0092-2L
			10	Cont : prp		0092-3L
			5	Sltst : lt gy		0092-4L
3696.00						0057
			70	S/Sst : w to lt gy w, calc, cly		0057-3L
			30	Sh/Clst: drk gy to drk ol gy		0057-1L
			tr	Cont : brn, prp		0057-2L
			tr	Sltst : m brn		0057-4L
3705.00						0058
			60	Sh/Clst: drk gy		0058-1L
			35	Sh/Clst: lt ol gy		0058-5L
			5	S/Sst : w to lt gy w, calc, cly		0058-3L
			tr	Cont : brn, prp		0058-2L
			tr	Sltst : m brn		0058-4L
3714.00						0059
			60	Sh/Clst: drk gy		0059-1L
			15	Sltst : lt gy, cly		0059-3L
			15	Sh/Clst: lt ol gy		0059-4L
			10	S/Sst : w to lt gy w, l		0059-2L

- 17-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3723.00						0093
			50	Sh/Clst: m gy to drk gy to gy blk, pyr, slt, st		0093-1L
			40	Sltst : lt gy w to lt gy to drk gy, s, st		0093-2L
			10	Cont : prp		0093-3L
3732.00						0060
			60	S/Sst : lt gy to pl w		0060-2L
			35	Sh/Clst: drk gy		0060-1L
			5	Sh/Clst: lt ol gy		0060-3L
3741.00						0061
	0.87		65	S/Sst : lt gy to pl w		0061-2L
			20	Sh/Clst: drk gy		0061-1L
			15	Sh/Clst: lt ol gy		0061-3L
			tr	Cont : blk, Coal-ad		0061-4L
3759.00						0062
			80	S/Sst : lt gy to pl w, cly		0062-2L
			10	Sh/Clst: drk gy		0062-1L
			10	Sh/Clst: lt ol gy to m lt ol gy		0062-3L
			tr	Cont : blk, Coal-ad		0062-4L
3786.00						0063
	0.39		80	S/Sst : lt gy to pl w, cly		0063-1L
			20	Sh/Clst: lt ol gy to m ol gy		0063-2L
			tr	Cont : blk, Coal-ad		0063-3L

- 18-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3822.00						0064
				75 S/Sst : dsk brn gy		0064-1L
				15 Sh/Clst: m lt gy		0064-3L
				10 Sh/Clst: lt ol gy		0064-2L
3849.00						0065
	0.34			65 S/Sst : dsk brn gy		0065-1L
				25 Sh/Clst: lt ol gy to m lt ol gy		0065-2L
				10 Sh/Clst: m lt gy		0065-3L
3885.00						0066
				85 S/Sst : w, l, f		0066-1L
				10 Sh/Clst: lt ol gy to m lt ol gy		0066-2L
				5 Sh/Clst: m lt gy		0066-3L
				tr Cont : prp		0066-4L
3912.00						0067
	0.62			40 Sh/Clst: lt ol gy to m lt ol gy		0067-2L
				25 S/Sst : w, l, f		0067-1L
				20 Kaolin : w		0067-5L
				10 Sh/Clst: m lt gy		0067-3L
				5 Cont : prp		0067-4L
3942.00						0068
				90 Sh/Clst: m ol gy to m gy		0068-2L
				5 S/Sst : w, l, f		0068-1L
				5 Kaolin : w		0068-4L
				tr Cont : prp		0068-3L
				tr Other : Y, pyr		0068-5L

- 19-

Table 2 : Lithology description for well NOCS 2/2-5

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
3975.00						0069	
	2.21	90	Sh/Clst: drk gy			0069-1L	
		5	Sh/Clst: m ol gy to m gy			0069-2L	
		5	S/Sst : w, l, f			0069-4L	
			tr Cont : prp			0069-3L	
4002.00						0070	
		65	S/Sst : w, l, f			0070-4L	
		25	Sh/Clst: drk gy			0070-1L	
		10	Sh/Clst: m ol gy to m gy			0070-2L	
			tr Cont : prp			0070-3L	
4029.00						0071	
	0.30	75	S/Sst : lt gy to pl w			0071-3L	
		15	Sh/Clst: drk gy			0071-1L	
		10	Sh/Clst: m ol gy to m gy			0071-2L	
4056.00						0072	
	1.94	60	Sh/Clst: drk gy to m drk gy			0072-1L	
		30	S/Sst : lt gy to pl w			0072-3L	
		10	Sh/Clst: m ol gy to m gy			0072-2L	
			tr Sh/Clst: pl w, slt			0072-4L	
4082.00						0073	
	2.87	80	Sh/Clst: drk gy to m drk gy			0073-1L	
		10	Sh/Clst: m ol gy to m gy			0073-2L	
		10	Sh/Clst: pl w, slt			0073-3L	
			tr Coal : blk			0073-4L	
			tr S/Sst : lt gy			0073-5L	

Table 3a: Results of TLC-FID analysis: Absolute yields in mg/g rock for well NOCS 2/2-5

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Tot EOM</u>	<u>Sample</u>
3615.00	cut B		BULK FRACTION	0.311	0.296	0.290	0.000'	0.607	0.290	0.897	0049-0B
3639.00	cut B		BULK FRACTION	0.133	0.182	0.244	0.024	0.315	0.268	0.583	0082-0B
3651.00	cut B		BULK FRACTION	0.136	0.152	0.183	0.003	0.288	0.186	0.474	0053-0B
3657.00	cut B		BULK FRACTION	0.046	0.034	0.090	0.002	0.080	0.092	0.172	0084-0B
3660.00	cut B		BULK FRACTION	0.124	0.132	0.195	0.008	0.256	0.203	0.459	0054-0B
3663.00	cut B		BULK FRACTION	0.229	0.257	0.298	0.068	0.486	0.366	0.852	0085-0B
3678.00	cut B		BULK FRACTION	0.857	0.343	0.305	0.005	1.200	0.310	1.510	0055-0B
3687.00	cut B		BULK FRACTION	0.171	0.133	0.180	0.002	0.304	0.182	0.486	0056-0B

Table 3b: Results of TLC-FID analysis: Rel. percentages of sep. fractions for well NOCS 2/2-5

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Sample</u>
3615.00	cut B		BULK FRACTION	34.67	33.00	32.33	0.00	67.67	32.33	0049-0B
3639.00	cut B		BULK FRACTION	22.81	31.22	41.85	4.12	54.03	45.97	0082-0B
3651.00	cut B		BULK FRACTION	28.69	32.07	38.61	0.63	60.76	39.24	0053-0B
3657.00	cut B		BULK FRACTION	26.74	19.77	52.33	1.16	46.51	53.49	0084-0B
3660.00	cut B		BULK FRACTION	27.02	28.76	42.48	1.74	55.77	44.23	0054-0B
3663.00	cut B		BULK FRACTION	26.88	30.16	34.98	7.98	57.04	42.96	0085-0B
3678.00	cut B		BULK FRACTION	56.75	22.72	20.20	0.33	79.47	20.53	0055-0B
3687.00	cut B		BULK FRACTION	35.19	27.37	37.04	0.41	62.55	37.45	0056-0B

Table 4 : Rock-Eval table for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2160.00	cut	Sh/Clst: m ol gy to m gy	0.11	0.94	0.67	1.40	0.94	100	71	1.0	0.10	426	0001-1L
2260.00	cut	Sh/Clst: m ol gy to m gy	0.13	1.53	0.63	2.43	1.04	147	61	1.7	0.08	433	0005-1L
2340.00	cut	Sh/Clst: m ol gy to m gy	0.09	1.13	0.40	2.83	0.85	133	47	1.2	0.07	433	0007-1L
2420.00	cut	Sh/Clst: drk ol gy	0.17	2.41	0.58	4.16	1.25	193	46	2.6	0.07	437	0009-3L
2500.00	cut	Sh/Clst: m lt ol gy	0.10	1.46	0.84	1.74	1.10	133	76	1.6	0.06	435	0011-1L
2620.00	cut	Sh/Clst: m drk gn gy to m drk ol gy	0.07	0.25	0.96	0.26	0.45	56	213	0.3	0.22	427	0014-1L
2700.00	cut	Sh/Clst: gn gy to m ol gy	0.03	0.23	0.67	0.34	0.46	50	146	0.3	0.12	426	0016-1L
2780.00	cut	Sh/Clst: m drk gy to m gy	0.49	6.36	0.60	10.60	2.06	309	29	6.9	0.07	427	0033-1L
2820.00	cut	Sh/Clst: m gy to m ol gy	0.14	1.92	0.67	2.87	1.16	166	58	2.1	0.07	435	0018-1L
2860.00	cut	Sh/Clst: m gy to m ol gy	0.07	1.79	0.81	2.21	1.47	122	55	1.9	0.04	437	0019-1L
2940.00	cut	Ca : w	0.01	0.03	0.79	0.04	0.15	20	527	-	0.25	430	0021-3L
3040.00	cut	Ca : w	0.02	0.03	0.90	0.03	0.15	20	600	0.1	0.40	301	0028-2L
3150.00	cut	Ca : w	-	-	0.45	-	0.10	-	450	-	-	424	0039-2L
3250.00	cut	Ca : w	0.01	-	0.30	-	0.12	-	250	-	1.00	385	0043-2L



Table 4 : Rock-Eval table for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3340.00	cut	Sh/Clst: m drk gn gy to m drk ol gy	0.03	0.18	0.60	0.30	0.48	38	125	0.2	0.14	431	0046-1L
3400.00	cut	Sh/Clst: drk ol gy	0.09	0.23	0.50	0.46	0.49	47	102	0.3	0.28	436	0048-1L
3415.00	cut	Sh/Clst: drk gy to drk ol gy	2.74	22.39	0.93	24.08	4.99	449	19	25.1	0.11	439	0074-1L
3418.00	cut	Sh/Clst: drk gy to drk ol gy	2.96	19.46	1.23	15.82	4.58	425	27	22.4	0.13	433	0075-1L
3421.00	cut	Sh/Clst: drk gy to drk ol gy	3.14	21.50	1.36	15.81	4.95	434	27	24.6	0.13	438	0076-1L
3423.00	cut	Sh/Clst: drk gy to drk ol gy	2.61	18.76	0.90	20.84	4.53	414	20	21.4	0.12	438	0077-1L
3426.00	cut	Sh/Clst: drk gy to drk ol gy	1.81	15.54	0.86	18.07	3.64	427	24	17.4	0.10	440	0078-1L
3456.00	cut	Sh/Clst: m gy to drk gy to gy blk	0.13	1.06	0.52	2.04	0.85	125	61	1.2	0.11	448	0090-1L
3486.00	cut	Sh/Clst: lt gy to m gy to drk gy	0.23	2.47	0.39	6.33	1.14	217	34	2.7	0.09	447	0091-1L
3516.00	cut	Sh/Clst: m lt gy to m lt gn gy	0.20	1.46	0.45	3.24	0.89	164	51	1.7	0.12	446	0113-1L
3549.00	cut	Sh/Clst: m lt gy to m lt gn gy	0.30	2.87	0.24	11.96	1.30	221	18	3.2	0.09	448	0114-1L
3592.00	ccp	Sh/Clst: drk gy	1.25	6.24	0.39	16.00	1.92	325	20	7.5	0.17	448	0116-1L
3599.80	ccp	Sh/Clst: m gy	1.69	9.62	0.31	31.03	2.61	369	12	11.3	0.15	442	0117-1L
3609.00	cut	Sh/Clst: drk gy	1.35	13.82	0.49	28.20	2.99	462	16	15.2	0.09	441	0079-1L

Table 4 : Rock-Eval table for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3651.00	cut	Sh/Clst: m drk gy to m ol gy	0.78	9.06	0.49	18.49	2.17	418	23	9.8	0.08	438	0053-1L
3687.00	cut	S/Sst : w to lt gy w	0.31	0.58	0.26	2.23	0.46	126	57	0.9	0.35	440	0056-3L
3741.00	cut	S/Sst : lt gy to pl w	0.36	1.75	0.22	7.95	0.87	201	25	2.1	0.17	441	0061-2L
3786.00	cut	S/Sst : lt gy to pl w	0.07	0.28	0.15	1.87	0.39	72	38	0.3	0.20	441	0063-1L
3849.00	cut	S/Sst : dsk brn gy	0.05	0.17	0.19	0.89	0.34	50	56	0.2	0.23	443	0065-1L
3912.00	cut	Sh/Clst: lt ol gy to m lt ol gy	0.08	0.45	0.23	1.96	0.62	73	37	0.5	0.15	440	0067-2L
3975.00	cut	Sh/Clst: drk gy	0.83	7.84	0.28	28.00	2.21	355	13	8.7	0.10	442	0069-1L
4029.00	cut	S/Sst : lt gy to pl w	0.04	0.11	0.08	1.38	0.30	37	27	0.2	0.27	449	0071-3L
4056.00	cut	Sh/Clst: drk gy to m drk gy	0.64	6.47	0.37	17.49	1.94	334	19	7.1	0.09	446	0072-1L
4082.00	cut	Sh/Clst: drk gy to m drk gy	1.30	12.42	0.42	29.57	2.87	433	15	13.7	0.09	439	0073-1L

Table 5 a: Weight of EOM and Chromatographic Fraction for well NOCS 2/2-5

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
1.00	oil	bulk	-	56.5	34.1	11.4	2.4	8.6	45.5	11.0	-	0086-0B
2780.00	cut	Sh/Clst: m drk gy to m gy	6.8	18.0	3.5	3.3	6.1	5.1	6.8	11.2	2.28	0033-1L
3415.00	cut	Sh/Clst: drk gy to drk ol gy	7.3	39.2	9.8	8.1	10.1	11.2	17.9	21.3	3.10	0074-1L
3421.00	cut	Sh/Clst: drk gy to drk ol gy	8.9	62.1	17.5	15.8	12.9	15.9	33.3	28.8	3.88	0076-1L
3486.00	cut	Sh/Clst: lt gy to m gy to drk gy	7.3	13.4	2.7	3.1	3.3	4.3	5.8	7.6	1.32	0091-1L
3549.00	cut	Sh/Clst: m lt gy to m lt gn gy	6.9	3.1	0.6	0.5	0.8	1.2	1.1	2.0	1.13	0114-1L
3599.80	ccp	Sh/Clst: m gy	7.1	33.8	9.7	8.0	6.9	9.2	17.7	16.1	2.41	0117-1L
3615.00	cut	Sh/Clst: drk gy	6.1	18.0	4.3	4.3	4.2	5.2	8.6	9.4	1.94	0049-1L
3639.00	cut	bulk	7.4	8.2	0.2	0.5	1.7	5.8	0.7	7.5	1.11	0082-0B
3657.00	cut	bulk	9.8	5.7	0.9	1.1	1.3	2.4	2.0	3.7	0.75	0084-0B
3669.00	cut	bulk	9.7	13.7	5.4	3.2	1.2	3.9	8.6	5.1	0.30	0115-0B
3678.00	cut	bulk	8.8	20.5	8.3	4.2	2.0	6.0	12.5	8.0	0.47	0055-0B
3680.50	ccp	S/Sst : lt y gy	9.9	33.9	14.6	9.0	4.8	5.5	23.6	10.3	0.56	0118-1L
3684.40	ccp	S/Sst : lt y gy	11.3	86.8	52.2	9.8	11.4	13.4	62.0	24.8	0.68	0119-1L

Table 5 a: Weight of EOM and Chromatographic Fraction for well NOCS 2/2-5

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
3723.00	cut	Sltst : lt gy w to lt gy to drk gy	1.5	6.5	1.1	1.4	1.7	2.3	2.5	4.0	1.76	0093-2L
3732.00	cut	S/Sst : lt gy to pl w	1.6	4.5	0.9	0.9	1.2	1.5	1.8	2.7	1.20	0060-2L
4082.00	cut	Sh/Clst: drk gy to m drk gy	6.6	18.5	4.6	4.6	4.0	5.3	9.2	9.3	1.97	0073-1L

Table 5 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1.00	oil	bulk	-	-	-	-	-	-	-	0086-0B
2780.00	cut	Sh/Clst: m drk gy to m gy	2631	511	482	891	745	994	1637	0033-1L
3415.00	cut	Sh/Clst: drk gy to drk ol gy	5347	1336	1105	1377	1527	2442	2905	0074-1L
3421.00	cut	Sh/Clst: drk gy to drk ol gy	6938	1955	1765	1441	1776	3720	3217	0076-1L
3486.00	cut	Sh/Clst: lt gy to m gy to drk gy	1823	367	421	448	585	789	1034	0091-1L
3549.00	cut	Sh/Clst: m lt gy to m lt gn gy	447	86	72	115	173	158	288	0114-1L
3599.80	ccp	Sh/Clst: m gy	4753	1364	1125	970	1293	2489	2264	0117-1L
3615.00	cut	Sh/Clst: drk gy	2931	700	700	684	846	1400	1530	0049-1L
3639.00	cut	bulk	1106	26	67	229	782	94	1012	0082-0B
3657.00	cut	bulk	581	91	112	132	244	203	377	0084-0B
3669.00	cut	bulk	1410	556	329	123	401	885	525	0115-0B
3678.00	cut	bulk	2337	946	478	228	684	1425	912	0055-0B
3680.50	ccp	S/Sst : lt y gy	3438	1480	912	486	557	2393	1044	0118-1L
3684.40	ccp	S/Sst : lt y gy	7701	4631	869	1011	1188	5501	2200	0119-1L

Table 5 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3723.00	cut	Sltst : lt gy w to lt gy to drk gy	4391	743	945	1148	1554	1689	2702	0093-2L
3732.00	cut	S/Sst : lt gy to pl w	2777	555	555	740	925	1111	1666	0060-2L
4082.00	cut	Sh/Clst: drk gy to m drk gy	2811	699	699	607	805	1398	1413	0073-1L

Table 5 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1.00	oil	bulk	-	-	-	-	-	-	-	0086-0B
2780.00	cut	Sh/Clst: m drk gy to m gy	115.42	22.44	21.16	39.11	32.70	43.60	71.82	0033-1L
3415.00	cut	Sh/Clst: drk gy to drk ol gy	172.51	43.13	35.65	44.45	49.29	78.77	93.74	0074-1L
3421.00	cut	Sh/Clst: drk gy to drk ol gy	178.83	50.39	45.50	37.15	45.79	95.89	82.93	0076-1L
3486.00	cut	Sh/Clst: lt gy to m gy to drk gy	138.12	27.83	31.95	34.01	44.32	59.78	78.33	0091-1L
3549.00	cut	Sh/Clst: m lt gy to m lt gn gy	39.59	7.66	6.38	10.22	15.32	14.05	25.54	0114-1L
3599.80	ccp	Sh/Clst: m gy	197.26	56.61	46.69	40.27	53.69	103.30	93.96	0117-1L
3615.00	cut	Sh/Clst: drk gy	151.11	36.10	36.10	35.26	43.65	72.20	78.91	0049-1L
3639.00	cut	bulk	99.69	2.43	6.08	20.67	70.52	8.51	91.18	0082-0B
3657.00	cut	bulk	77.47	12.23	14.95	17.67	32.62	27.18	50.29	0084-0B
3669.00	cut	bulk	470.31	185.38	109.85	41.19	133.88	295.23	175.08	0115-0B
3678.00	cut	bulk	497.34	201.36	101.89	48.52	145.56	303.26	194.09	0055-0B
3680.50	ccp	S/Sst : lt y gy	613.95	264.42	163.00	86.93	99.61	427.41	186.54	0118-1L
3684.40	ccp	S/Sst : lt y gy	1132.63	681.14	127.88	148.76	174.85	809.02	323.61	0119-1L

Table 5 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3723.00	cut	Sltst : lt gy w to lt gy to drk gy	249.54	42.23	53.75	65.26	88.30	95.98	153.56	0093-2L
3732.00	cut	S/Sst : lt gy to pl w	231.48	46.30	46.30	61.73	77.16	92.59	138.89	0060-2L
4082.00	cut	Sh/Clst: drk gy to m drk gy	142.72	35.49	35.49	30.86	40.89	70.97	71.74	0073-1L



Table 5 d: Composition of material extracted from the rock (%) for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
			EOM	EOM	EOM	EOM	EOM	EOM	EOM	Aro	
1.00	oil	bulk	60.35	20.18	4.25	15.22	80.53	19.47	299.12	413.64	0086-0B
2780.00	cut	Sh/Clst: m drk gy to m gy	19.44	18.33	33.89	28.33	37.78	62.22	106.06	60.71	0033-1L
3415.00	cut	Sh/Clst: drk gy to drk ol gy	25.00	20.66	25.77	28.57	45.66	54.34	120.99	84.04	0074-1L
3421.00	cut	Sh/Clst: drk gy to drk ol gy	28.18	25.44	20.77	25.60	53.62	46.38	110.76	115.63	0076-1L
3486.00	cut	Sh/Clst: lt gy to m gy to drk gy	20.15	23.13	24.63	32.09	43.28	56.72	87.10	76.32	0091-1L
3549.00	cut	Sh/Clst: m lt gy to m lt gn gy	19.35	16.13	25.81	38.71	35.48	64.52	120.00	55.00	0114-1L
3599.80	ccp	Sh/Clst: m gy	28.70	23.67	20.41	27.22	52.37	47.63	121.25	109.94	0117-1L
3615.00	cut	Sh/Clst: drk gy	23.89	23.89	23.33	28.89	47.78	52.22	100.00	91.49	0049-1L
3639.00	cut	bulk	2.44	6.10	20.73	70.73	8.54	91.46	40.00	9.33	0082-0B
3657.00	cut	bulk	15.79	19.30	22.81	42.11	35.09	64.91	81.82	54.05	0084-0B
3669.00	cut	bulk	39.42	23.36	8.76	28.47	62.77	37.23	168.75	168.63	0115-0B
3678.00	cut	bulk	40.49	20.49	9.76	29.27	60.98	39.02	197.62	156.25	0055-0B
3680.50	ccp	S/Sst : lt y gy	43.07	26.55	14.16	16.22	69.62	30.38	162.22	229.13	0118-1L
3684.40	ccp	S/Sst : lt y gy	60.14	11.29	13.13	15.44	71.43	28.57	532.65	250.00	0119-1L

Table 5 d: Composition of material extracted from the rock (%) for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
			EOM	EOM	EOM	EOM	EOM	EOM	EOM	Aro	
3723.00	cut	Sltst : lt gy w to lt gy to drk gy	16.92	21.54	26.15	35.38	38.46	61.54	78.57	62.50	0093-2L
3732.00	cut	S/Sst : lt gy to pl w	20.00	20.00	26.67	33.33	40.00	60.00	100.00	66.67	0060-2L
4082.00	cut	Sh/Clst: drk gy to m drk gy	24.86	24.86	21.62	28.65	49.73	50.27	100.00	98.92	0073-1L

Table 6 : Saturated Hydrocarbon Ratios for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
1.00	oil	bulk	4.29	0.84	5.27	6.52	0.94	0086-0B
2780.00	cut	Sh/Clst: m drk gy to m gy	2.22	2.27	1.57	0.94	0.90	0033-1L
3415.00	cut	Sh/Clst: drk gy to drk ol gy	1.02	1.89	0.81	0.58	1.06	0074-1L
3421.00	cut	Sh/Clst: drk gy to drk ol gy	0.93	1.64	0.79	0.64	0.99	0076-1L
3486.00	cut	Sh/Clst: lt gy to m gy to drk gy	0.82	1.97	0.66	0.47	1.06	0091-1L
3549.00	cut	Sh/Clst: m lt gy to m lt gn gy	0.62	2.42	0.47	0.30	1.07	0114-1L
3599.80	ccp	Sh/Clst: m gy	0.72	1.83	0.59	0.44	0.94	0117-1L
3615.00	cut	Sh/Clst: drk gy	0.82	1.85	0.67	0.50	1.03	0049-1L
3669.00	cut	bulk	3.88	0.72	4.73	5.63	1.69	0115-0B
3678.00	cut	bulk	3.09	0.74	3.82	4.61	1.48	0055-0B
3680.50	ccp	S/Sst : lt y gy	0.78	1.02	0.78	0.78	1.06	0118-1L
3684.40	ccp	S/Sst : lt y gy	0.92	0.97	0.97	1.02	1.08	0119-1L
3723.00	cut	Sltst : lt gy w to lt gy to drk gy	2.06	0.99	2.14	2.22	1.19	0093-2L

Table 6 : Saturated Hydrocarbon Ratios for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
4082.00	cut	Sh/Clst: drk gy to m drk gy	0.80	1.79	0.66	0.50	1.07	0073-1L

Table 7 : Aromatic Hydrocarbon Ratios for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
1.00	oil	bulk	1.18	-	0.60	1.01	0.72	0.78	0.83	-	1.49	0.74	0086-0B
2780.00	cut	Sh/Clst: m drk gy to m gy	1.27	2.24	0.11	1.42	0.73	0.83	0.84	0.31	0.91	0.63	0033-1L
3415.00	cut	Sh/Clst: drk gy to drk ol gy	0.98	1.37	-	0.81	0.61	0.64	0.77	0.22	1.13	0.36	0074-1L
3421.00	cut	Sh/Clst: drk gy to drk ol gy	1.02	1.42	0.08	0.79	0.59	0.62	0.75	0.24	1.46	0.39	0076-1L
3486.00	cut	Sh/Clst: lt gy to m gy to drk gy	0.83	1.24	-	0.75	0.56	0.62	0.74	-	-	-	0091-1L
3549.00	cut	Sh/Clst: m lt gy to m lt gn gy	0.70	1.36	-	0.77	0.51	0.54	0.71	-	-	-	0114-1L
3599.80	ccp	Sh/Clst: m gy	1.05	1.62	0.08	0.91	0.65	0.68	0.79	0.21	2.65	0.66	0117-1L
3615.00	cut	Sh/Clst: drk gy	0.91	1.39	-	0.86	0.65	0.68	0.79	0.22	1.37	0.42	0049-1L
3669.00	cut	bulk	-	-	-	-	-	-	-	-	-	-	0115-0B
3678.00	cut	bulk	1.07	1.71	0.09	0.96	0.71	0.74	0.83	0.21	2.10	0.72	0055-0B
3680.50	ccp	S/Sst : lt y gy	0.99	2.22	0.10	1.01	0.79	0.82	0.87	0.14	12.84	1.53	0118-1L
3684.40	ccp	S/Sst : lt y gy	0.90	1.58	0.09	1.03	1.06	1.17	1.04	0.74	5.01	0.85	0119-1L
3723.00	cut	Sltst : lt gy w to lt gy to drk gy	0.93	1.52	-	0.78	0.61	0.64	0.77	-	-	-	0093-2L
4082.00	cut	Sh/Clst: drk gy to m drk gy	1.01	1.50	0.10	0.82	0.62	0.66	0.77	0.19	1.90	0.42	0073-1L

Table 8 : Thermal Maturity Data for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T <sub>max</sub> (°C)	Sample
1200.00	ccp bulk	NDP	-	-	-	-	-	0094-0B
1480.00	ccp bulk	0.32	6	0.06	-	-	-	0095-0B
1600.00	ccp bulk	NDP	-	-	-	-	-	0096-0B
1720.00	ccp bulk	0.43	3	0.01	-	-	-	0097-0B
1820.00	ccp bulk	0.27	3	0.01	-	-	-	0098-0B
2010.00	ccp bulk	0.25	10	0.04	-	-	-	0099-0B
2160.00	ccp bulk	NDP	-	-	-	-	-	0100-0B
2260.00	cut Sh/Clst: m ol gy to m gy	-	-	-	-	5.5-6.0	433	0005-1L
2260.00	ccp bulk	NDP	-	-	-	-	-	0101-0B
2499.00	ccp bulk	0.41	11	0.04	-	-	-	0102-0B
2599.00	ccp bulk	NDP	-	-	-	-	-	0103-0B
2719.00	ccp bulk	NDP	-	-	-	-	-	0104-0B
2764.00	ccp bulk	NDP	-	-	-	-	-	0105-0B
2820.00	cut Sh/Clst: m gy to m ol gy	-	-	-	-	6.0-6.5	435	0018-1L

Table 8 : Thermal Maturity Data for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T <sub>max</sub> (°C)	Sample
2874.00	ccp bulk	0.89	4	0.08	-	-	-	0106-0B
3008.00	ccp bulk	NDP	-	-	-	-	-	0107-0B
3299.00	ccp bulk	1.01	6	0.07	-	-	-	0108-0B
3349.00	ccp bulk	1.34	6	0.05	-	-	-	0109-0B
3415.00	cut Sh/Clst: drk gy to drk ol gy	-	-	-	-	6.5-7.0(?)	439	0074-1L
3418.00	cut bulk	0.61	4	0.05	-	-	-	0075-0B
3421.00	cut Sh/Clst: drk gy to drk ol gy	-	-	-	-	6.5-7.0(??)	438	0076-1L
3456.00	cut Sh/Clst: m gy to drk gy to gy blk	-	-	-	-	7.0	448	0090-1L
3549.00	cut bulk	1.01	7	0.13	-	-	-	0114-0B
3592.20	ccp bulk	0.86	3	0.07	-	-	-	0110-0B
3599.80	ccp Sh/Clst: m gy	-	-	-	-	6.0	442	0117-1L
3608.60	ccp bulk	0.91	8	0.04	-	-	-	0111-0B
3723.00	cut bulk	0.79	6	0.06	-	-	-	0093-0B
3975.00	cut bulk	0.90	4	0.05	-	-	-	0069-0B

Table 8 : Thermal Maturity Data for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	T <sub>max</sub> (°C)	Sample
4056.00	cut	Sh/Clst: drk gy to m drk gy	-	-	-	-	6.0	446	0072-1L
4082.00	cut	Sh/Clst: drk gy to m drk gy	-	-	-	-	6.0	439	0073-1L



Table 9 : Visual Kerogen Composition Data for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	L	A	L	S	C	D	I	S	I	M	S	V	C	V	A	Sample			
			%	L	t	l	l	n	e	l	t	L	%	n	s	t	n		o	I	%
2260.00	cut	Sh/Clst: m ol gy to m gy	95	**	**	*		* *	5	*				TR		*		0005-1L			
2820.00	cut	Sh/Clst: m gy to m ol gy	95	**		*		** *	5	*				TR	*	**		0018-1L			
3415.00	cut	Sh/Clst: drk gy to drk ol gy	95	**		*		**	5	*				TR		*		0074-1L			
3421.00	cut	Sh/Clst: drk gy to drk ol gy	100	**		*		**	TR	*				TR		*		0076-1L			
3456.00	cut	Sh/Clst: m gy to drk gy to gy blk	50	*		*		* *	20	*	**			30	*	*		0090-1L			
3599.80	ccp	Sh/Clst: m gy	55	*	*	*		* *	35	**	*			10	*	*		0117-1L			
4056.00	cut	Sh/Clst: drk gy to m drk gy	75	**		*		** *	10	*				15		*		0072-1L			
4082.00	cut	Sh/Clst: drk gy to m drk gy	95	**		*		** *	5	*				TR		*		0073-1L			

Table 10A: Isotope GC Analysis of Gas from Separator and Headspace for well 2/2-5.

Sample	C1	C2	C3	i-C4	n-C4
no.2,DST1	*	-12.1	-22.4	-28.5	-27.0
2210m	-53.6	-31.9	-29.0	-29.6	-32.5
3135m	-55.1	-35.4	-32.0	-29.0	-31.2
3421m	-48.2	-38.0	-35.2	-36.4	-33.6
3456m	-46.1	-37.3	-34.5	-34.5	-33.8
3486m	-30.4	-33.3	-33.2	-34.6	-33.1
3669m	-32.0	-30.7	-29.3	-31.7	-29.6
3723m	-52.0	-39.3	-34.4	-34.8	-32.8

\* Too small to be measured

Table 10B: Hydrogen Isotop Values of Methane from Separator and Headspace for Well 2/2-5.

Depth	H
no.2,DST1	nd
2210m	-188
3135m	nd
3421m	-218
3456m	-273
3486m	nd
3669m	nd
3723m	nd

nd-not determined

Table 11A: Tabulation of carbon isotope data for EOM/EOM - fractions for well NOCS 2/2-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
DST 1	oil	bulk	-22.36	-21.20	-22.38	-21.32	-23.37	-	0086-0B
2780.00	cut	Sh/Clst	-28.32	-29.70	-28.51	-28.45	-27.56	-	0033-1
3415.00	cut	Sh/Clst	-29.87	-30.74	-29.83	-29.53	-29.23	-	0074-1
3421.00	cut	Sh/Clst	-30.43	-31.02	-30.42	-30.05	-29.69	-	0076-1
3486.00	cut	Sh/Clst	-29.80	-30.77	-30.20	-29.75	-29.25	-	0091-1
3549.00	cut	Sh/Clst	-	# -28.71	# -28.13	-29.28	-28.71	-	0114-1
3599.80	ccp	Sh/Clst	-30.16	-30.53	-30.05	-29.70	-29.21	-	0117-1
3615.00	cut	Sh/Clst	-30.11	-30.12	-30.26	-29.82	-29.43	-	0049-1
3669.00	cut	S/Sst	* -30.09 -22.62	-21.70	-23.22	-22.61	-25.04	-	0115-1
3678.00	cut	S/Sst	* -22.73 -23.18	* -21.70 -22.36	-23.48	-22.97	-25.25	-	0055-3
3680.50	ccp	S/Sst	* -23.25 -26.42	* -22.24 -26.82	-25.74	-25.89	-26.69	-	0118-1
3684.40	ccp	S/Sst	-26.74	-27.16	-26.72	-25.49	-26.19	-	0119-1
3723.00	cut	Sltst	-	-23.79	-24.54	-23.98	-24.92	-	0093-2
4082.00	cut	Sh/Clst	-29.87	-30.44	-30.07	-29.68	* -24.89 -29.35	-	0073-1

\* Rerun.

# Not enough for rerun.

Table 11B: Tabulation of cv values from carbon isotope data for well NOCS 2/2-5

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>Saturated</u>	<u>Aromatic</u>	<u>cv value</u>	<u>Sample</u>
DST 1	oil	bulk	-21.20	-22.38	-7.70	0086-0B
2780.00	cut	Sh/Clst	-29.70	-28.51	0.20	0033-1
3415.00	cut	Sh/Clst	-30.74	-29.83	-0.10	0074-1
3421.00	cut	Sh/Clst	-31.02	-30.42	-0.70	0076-1
3486.00	cut	Sh/Clst	-30.77	-30.20	-0.85	0091-1
3549.00	cut	Sh/Clst	-28.71	-28.13	-1.46	0114-1
3599.80	ccp	Sh/Clst	-30.53	-30.05	-1.12	0117-1
3615.00	cut	Sh/Clst	-30.12	-30.26	-2.62	0049-1
3669.00	cut	S/Sst	-21.70	-23.22	-8.30	0115-1
3678.00	cut	S/Sst	-22.36	-23.48	-7.20	0055-3
3680.50	ccp	S/Sst	-26.82	-25.74	-0.94	0118-1
3684.40	ccp	S/Sst	-27.16	-26.72	-2.25	0119-1
3723.00	cut	Sltst	-23.79	-24.54	-5.94	0093-2
4082.00	cut	Sh/Clst	-30.44	-30.07	-1.39	0073-1

Table 12A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	B/A	B/B+A	B		C/E	C/C+E	X/E	Z/E	Z/C	Z/Z+E	Q/E	C+D		J1		Sample
				B+E+F	C/E								E/E+F	C+D+E+F	D+F/C+E	J1+J2%	
1.00	bulk	1.79	0.64	0.13	0.48	0.32	0.02	0.07	0.15	0.07	0.08	0.92	0.34	0.10	65.22	0086-0	
2780.00	Sh/Clst	2.32	0.70	0.22	0.65	0.39	0.03	0.27	0.41	0.21	0.04	0.86	0.43	0.23	41.71	0033-1	
3415.00	Sh/Clst	1.53	0.60	0.14	0.47	0.32	0.09	0.08	0.18	0.08	0.04	0.85	0.31	0.17	59.12	0074-1	
3421.00	Sh/Clst	1.18	0.54	0.13	0.47	0.32	0.09	0.51	1.08	0.34	0.10	0.87	0.32	0.15	59.36	0076-1	
3486.00	Sh/Clst	2.43	0.71	0.18	0.52	0.34	0.11	0.08	0.15	0.07	0.05	0.83	0.34	0.19	59.54	0091-1	
3549.00	Sh/Clst	4.36	0.81	0.26	0.71	0.41	0.09	0.05	0.08	0.05	0.07	0.81	0.40	0.21	59.81	0114-1	
3599.80	Sh/Clst	1.09	0.52	0.11	0.44	0.31	0.10	0.02	0.05	0.02	0.03	0.87	0.30	0.14	58.90	0117-1	
3615.00	Sh/Clst	1.61	0.62	0.15	0.47	0.32	0.11	0.14	0.29	0.12	0.09	0.85	0.32	0.16	58.66	0049-1	
3669.00	S/Sst	1.60	0.62	0.11	0.54	0.35	0.04	0.11	0.19	0.10	0.17	0.91	0.37	0.12	61.44	0115-1	
3678.00	S/Sst	1.52	0.60	0.13	0.52	0.34	0.04	0.09	0.17	0.08	0.08	0.90	0.35	0.13	61.80	0055-3	
3680.50	S/Sst	0.64	0.39	0.13	0.40	0.29	0.29	0.09	0.23	0.08	0.20	0.93	0.30	0.10	60.22	0118-1	
3684.40	S/Sst	0.91	0.48	0.12	0.43	0.30	0.15	0.06	0.14	0.06	0.08	0.91	0.31	0.11	60.14	0119-1	
3723.00	sltst	0.74	0.43	0.12	0.44	0.31	0.06	0.09	0.21	0.09	0.15	0.90	0.32	0.13	59.88	0093-2	
4082.00	Sh/Clst	1.41	0.59	0.12	0.44	0.31	0.12	0.17	0.39	0.15	0.06	0.86	0.31	0.16	58.86	0073-1	

Table 12B: Variation in Sterane Distribution (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
1.00	bulk	0.51	44.06	70.87	0.83	0.73	0.30	0.20	0.55	0.79	2.17	0086-0
2780.00	Sh/Clst	0.23	17.08	27.92	2.24	0.53	0.19	0.15	0.16	0.21	0.23	0033-1
3415.00	Sh/Clst	0.70	46.93	62.11	1.59	0.64	0.28	0.22	0.45	0.88	1.54	0074-1
3421.00	Sh/Clst	0.79	48.84	68.04	1.94	0.69	0.43	0.30	0.52	0.95	2.08	0076-1
3486.00	Sh/Clst	0.76	47.01	61.97	1.93	0.63	0.34	0.24	0.45	0.89	1.54	0091-1
3549.00	Sh/Clst	0.75	47.20	63.44	1.87	0.65	0.36	0.25	0.46	0.89	1.64	0114-1
3599.80	Sh/Clst	0.83	48.49	68.05	1.45	0.69	0.36	0.26	0.52	0.94	2.07	0117-1
3615.00	Sh/Clst	0.76	48.66	65.47	1.83	0.66	0.38	0.27	0.49	0.95	1.85	0049-1
3669.00	S/Sst	0.52	47.25	70.23	0.93	0.71	0.23	0.15	0.54	0.90	2.24	0115-1
3678.00	S/Sst	0.56	47.07	69.62	1.02	0.71	0.23	0.15	0.53	0.89	2.16	0055-3
3680.50	S/Sst	0.92	51.58	78.72	1.92	0.78	0.38	0.25	0.65	1.07	3.82	0118-1
3684.40	S/Sst	0.86	51.41	73.90	1.65	0.73	0.32	0.21	0.59	1.06	2.91	0119-1

Ratio1:  $a / a + j$ Ratio2:  $q / q + t * 100\%$ Ratio3:  $2(r + s) / (q + t + 2(r + s)) * 100\%$ Ratio4:  $a + b + c + d / h + k + l + n$ Ratio5:  $r + s / r + s + q$ Ratio6:  $u + v / u + v + q + r + s + t$ Ratio7:  $u + v / u + v + i + m + n + q + r + s + t$ Ratio8:  $r + s / q + r + s + t$ Ratio9:  $q / t$ Ratio10:  $r + s / t$

Table 12B: Variation in Sterane Distribution (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
3723.00	sltst	0.72	47.60	76.00	1.21	0.77	0.56	0.42	0.61	0.91	3.02	0093-2
4082.00	Sh/Clst	0.76	48.56	65.82	1.74	0.66	0.33	0.23	0.49	0.94	1.87	0073-1

Ratio1:  $a / a + j$   
 Ratio2:  $q / q + t * 100\%$   
 Ratio3:  $2(r + s) / (q + t + 2(r + s)) * 100\%$   
 Ratio4:  $a + b + c + d / h + k + l + n$   
 Ratio5:  $r + s / r + s + q$

Ratio6:  $u + v / u + v + q + r + s + t$   
 Ratio7:  $u + v / u + v + i + m + n + q + r + s + t$   
 Ratio8:  $r + s / q + r + s + t$   
 Ratio9:  $q / t$   
 Ratio10:  $r + s / t$



Table 12C: Variation in Triaromatic Sterane Distribution for Well Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
1.00	bulk	0.42	0.40	0.19	0.18	0.26	0086-0
2780.00	Sh/Clst	0.47	0.35	0.17	0.22	0.24	0033-1
3415.00	Sh/Clst	0.51	0.44	0.19	0.23	0.26	0074-1
3421.00	Sh/Clst	0.55	0.47	0.23	0.27	0.30	0076-1
3486.00	Sh/Clst	0.57	0.48	0.24	0.29	0.32	0091-1
3549.00	Sh/Clst	0.58	0.49	0.25	0.30	0.35	0114-1
3599.80	Sh/Clst	0.63	0.56	0.31	0.34	0.41	0117-1
3615.00	Sh/Clst	0.56	0.47	0.24	0.28	0.33	0049-1
3669.00	S/Sst	0.42	0.38	0.19	0.19	0.27	0115-1
3678.00	S/Sst	0.40	0.35	0.19	0.19	0.29	0055-3
3680.50	S/Sst	0.85	0.82	0.66	0.66	0.76	0118-1
3684.40	S/Sst	0.68	0.61	0.40	0.40	0.53	0119-1
3723.00	Sltst	0.75	0.69	0.48	0.49	0.60	0093-2

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 12C: Variation in Triaromatic Sterane Distribution for Well Well NOCS 2/2-5

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>Sample</u>
4082.00	Sh/Clst	0.58	0.50	0.25	0.30	0.34	0073-1

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 12D: Variation in Monoaromatic Sterane Distribution for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Sample
1.00	bulk	0.36	0.25	0.24	0.19	0086-0
2780.00	Sh/Clst	0.09	0.18	0.05	0.08	0033-1
3415.00	Sh/Clst	0.26	0.17	0.16	0.13	0074-1
3421.00	Sh/Clst	0.30	0.21	0.20	0.17	0076-1
3486.00	Sh/Clst	0.24	0.17	0.16	0.13	0091-1
3549.00	Sh/Clst	0.22	0.16	0.14	0.12	0114-1
3599.80	Sh/Clst	0.29	0.21	0.19	0.16	0117-1
3615.00	Sh/Clst	0.29	0.21	0.19	0.15	0049-1
3669.00	S/Sst	0.38	0.24	0.25	0.20	0115-1
3678.00	S/Sst	0.32	0.23	0.21	0.17	0055-3
3680.50	S/Sst	0.51	0.41	0.35	0.28	0118-1
3684.40	S/Sst	0.37	0.23	0.24	0.19	0119-1
3723.00	Sltst	0.49	0.38	0.36	0.30	0093-2
4082.00	Sh/Clst	0.32	0.21	0.20	0.16	0073-1

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 12E: Aromatisation of Steranes for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Sample
1.00	bulk	0.36	0.92	0086-0
2780.00	Sh/Clst	0.78	0.38	0033-1
3415.00	Sh/Clst	0.31	0.92	0074-1
3421.00	Sh/Clst	0.32	0.93	0076-1
3486.00	Sh/Clst	0.30	0.93	0091-1
3549.00	Sh/Clst	0.24	0.95	0114-1
3599.80	Sh/Clst	0.39	0.92	0117-1
3615.00	Sh/Clst	0.31	0.93	0049-1
3669.00	S/Sst	0.33	0.94	0115-1
3678.00	S/Sst	0.32	0.95	0055-3
3680.50	S/Sst	0.47	0.92	0118-1
3684.40	S/Sst	0.40	0.95	0119-1
3723.00	Sltst	0.28	0.92	0093-2

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

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

Table 12E: Aromatisation of Steranes for Well NOCS 2/2-5

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
4082.00	Sh/Clst	0.33	0.93	0073-1

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

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

Table 12F: Raw GCMS triterpane data (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
1.00	bulk	64094.9	20171.8	10954.6	20697.5	7236.3	29798.5	53419.1	23861.9	162547.8	0086-0
		5807.6	23010.6	338298.5	29140.4	104918.1	67850.6	13930.7	77666.5		
		41423.3	49462.9	26450.6	22028.7	11285.1	13454.7	8611.7			
2780.00	Sh/Clst	297013.4	163107.5	85044.0	567570.9	57012.0	645481.8	1496224.0	1226535.6	2962466.3	0033-1
		128332.0	969833.6	4558390.5	759382.0	1296196.3	1245701.0	469088.0	625112.0		
		873578.3	761750.0	1138658.8	368768.0	582570.6	736297.0	1308466.5			
3415.00	Sh/Clst	498640.0	190685.3	152557.3	367568.0	83920.3	669524.0	1024504.0	442016.0	2493462.5	0074-1
		497829.0	373132.5	5344943.0	962295.3	2655231.8	1851277.5	561582.0	1531296.0		
		1058905.8	1368165.0	905443.8	1035799.0	672815.1	810832.5	556500.0			
3421.00	Sh/Clst	410473.4	173856.0	128894.2	184398.9	65957.8	267634.5	314624.0	927600.6	860441.8	0076-1
		172898.0	122946.3	1827506.4	281616.0	906246.5	604296.4	173200.0	517847.1		
		354601.5	469362.8	303313.0	303627.8	190936.0	290900.5	187213.5			
3486.00	Sh/Clst	569120.0	206277.0	129912.9	423744.0	77510.5	425898.7	1036291.0	305425.8	2072724.8	0091-1
		444134.0	356960.0	3996560.0	790208.0	2193712.3	1479703.5	488086.8	1278581.8		
		868861.0	964716.5	655420.3	717990.5	455644.3	436183.0	297021.0			

Table 12F: Raw GCMS triterpane data (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
3549.00	Sh/Clst	345702.0	143712.0	93109.0	336895.0	64760.7	221365.3	965974.3	118688.0	1547914.5	0114-1
		187929.5	280051.4	2194333.8	501245.6	1133888.0	770008.0	273993.4	554120.0		
		372388.9	382398.0	239856.0	220664.0	137023.5	121836.8	79425.8			
3599.80	Sh/Clst	519887.9	220303.8	120241.8	501198.0	71808.0	863830.0	937780.0	143455.8	2947211.5	0117-1
		662014.0	349120.0	6670389.0	965444.5	3685923.3	2543168.3	671344.0	2444746.8		
		1705590.5	1713167.5	1121961.4	1068270.0	686868.7	725424.0	497280.0			
3615.00	Sh/Clst	979952.0	375478.8	223847.6	409536.0	133776.0	500724.0	805792.0	558295.3	1909608.3	0049-1
		436364.0	280787.5	4053357.5	689152.0	2073279.8	1383120.0	428210.5	1223630.5		
		862505.6	1015463.9	641785.4	691033.3	430301.0	470848.0	312814.0			
3669.00	S/Sst	182286.0	94528.0	47915.6	38950.8	37429.3	48772.0	78046.8	60057.2	309714.0	0115-1
		23864.0	53020.8	570135.0	54195.4	207865.5	144596.0	34257.5	153393.8		
		96276.6	114088.8	64707.0	52039.6	35685.2	41015.4	29326.4			
3678.00	S/Sst	328579.6	155028.3	89696.0	139493.0	74736.0	205433.6	312445.0	171695.9	992837.0	0055-3
		82134.5	151995.5	1907640.0	213645.7	675216.0	464768.0	123307.5	488134.3		
		301785.1	338617.1	204645.2	170183.3	114239.5	133716.0	94789.3			

Table 12F: Raw GCMS triterpane data (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
3680.50	S/Sst	161980.6 136692.3 139657.6	91744.0 30112.0 133778.4	38380.4 468347.6 90615.1	77782.8 35880.1 74532.2	28655.0 242133.5 44981.7	117503.9 151828.7 47928.0	75088.6 41630.3 34756.0	42684.3 211373.3	188113.1	0118-1
3684.40	S/Sst	288906.7 188295.5 277075.6	102157.4 68672.0 280649.4	56700.2 1272388.8 179488.5	132080.0 132440.0 154657.8	44800.0 581107.6 99438.0	215250.8 379776.0 115018.5	196336.0 91548.8 77582.9	75139.4 418032.0	553169.8	0119-1
3723.00	sltst	872769.8 150414.0 431872.0	391918.3 191846.0 398112.8	180750.4 2587859.0 249443.6	292294.0 276744.5 198448.0	123526.4 967130.3 131227.4	513758.0 644224.0 149443.5	380608.0 136704.0 106519.0	242560.0 644474.1	1149041.6	0093-2
4082.00	Sh/Clst	605029.8 440699.0 872563.3	209542.0 261092.5 1001788.5	160032.0 3788899.0 652826.8	315376.0 626067.3 712957.8	83819.6 2007568.8 461816.0	440984.0 1402521.4 516209.5	621824.0 403066.0 340003.5	654528.0 1248295.0	1676443.0	0073-1



Table 12G: Raw GCMS sterane data (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
1.00	bulk	65945.0 70461.9 31636.6	20477.8 59083.2 40614.1	69688.0 67571.3 59770.7	38979.0 33882.1 52371.4	12213.0 13545.0 51575.0	15407.4 36535.9	27345.4 46141.0	15010.7 52536.4	71027.5	0086-0
2780.00	Sh/Clst	982155.1 557944.5 3223343.0	382159.9 964773.5 808538.0	1160613.8 3986955.5 917124.0	904692.9 625291.5 0.0	381632.0 432784.0 3926227.5	2931912.5 523702.1	760539.0 789646.0	639520.0 182194.0	1238881.6	0033-1
3415.00	Sh/Clst	916107.5 1638615.0 658016.0	344122.1 0.0 819377.0	3003097.0 1290047.0 797074.5	1912096.0 1292688.0 633819.1	869705.0 509801.0 926588.1	851698.1 515389.0	1558183.4 732528.0	954511.5 809131.0	1132460.5	0074-1
3421.00	Sh/Clst	649894.8 666132.8 210352.6	213821.7 396946.9 269344.0	1489017.5 394997.4 335837.5	894910.6 491373.0 251131.0	377935.5 197013.3 282176.0	381346.5 196181.5	614560.3 268189.0	395442.9 287168.7	417952.0	0076-1
3486.00	Sh/Clst	649629.0 1042785.7 298176.0	235477.4 549436.7 450782.5	2175266.0 679592.9 436449.7	1356370.0 783699.5 344886.1	610049.6 309888.0 508185.6	599447.3 250154.5	833146.2 323947.8	507758.3 366016.0	643859.0	0091-1

Table 12G: Raw GCMS sterane data (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
3549.00	Sh/Clst	291182.2	117775.6	874118.8	538163.9	239711.5	252689.9	313836.8	204246.0	272731.5	0114-1
		432826.3	245386.6	293658.4	321534.9	135007.3	116152.7	131118.0	152310.8		
		111984.1	186087.5	187464.5	154656.9	208193.0					
3599.80	Sh/Clst	927849.6	365882.2	2298744.0	1414325.3	650512.0	639742.4	1117917.6	691168.0	573087.0	0117-1
		1484868.6	739190.8	476112.0	1108117.0	402952.5	259776.0	442785.4	495683.5		
		255776.0	528892.0	625900.5	535809.8	561834.7					
3615.00	Sh/Clst	809521.3	292266.1	2224629.0	1363072.0	626388.0	600573.0	876020.6	556067.3	671184.0	0049-1
		1111010.0	612166.5	715817.5	833818.5	338574.5	256274.5	352466.3	425130.5		
		305859.0	452973.5	494883.6	387448.9	477925.6					
3669.00	S/Sst	149674.9	60141.9	268532.8	170744.0	63108.0	72893.7	103422.1	63626.0	248381.0	0115-1
		265757.5	224581.5	252620.5	144682.0	51221.7	129187.7	154521.1	174369.6		
		110494.9	151250.5	199134.2	178401.2	168859.8					
3678.00	S/Sst	305671.6	135712.0	649657.3	403712.0	149232.0	154483.3	251966.2	164474.5	494604.5	0055-3
		566576.7	449807.3	501786.3	328628.5	121352.5	267749.6	313068.8	366185.6		
		219605.0	322026.7	416371.6	367710.3	362183.5					

Table 12G: Raw GCMS sterane data (peak height) SIR for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
3680.50	S/Sst	208275.0	73047.1	859064.8	501118.1	195880.0	193657.5	282496.0	168921.2	120207.9	0118-1
		411446.1	214070.1	78535.3	298402.1	99910.0	60394.5	100594.5	127795.6		
		39558.5	82777.3	157804.1	139047.6	77719.6					
3684.40	S/Sst	327932.3	117533.1	1201731.1	705968.0	303050.6	308625.2	480151.8	301412.4	254794.6	0119-1
		667591.5	370412.4	193645.5	492862.0	170387.3	129924.0	195651.0	243588.4		
		98046.1	198186.7	291242.7	254421.3	187289.4					
3723.00	sltst	739442.4	328421.4	558518.4	354084.3	139346.4	148494.1	228360.5	144957.4	246515.9	0093-2
		445896.8	305484.5	215811.8	232518.8	84567.8	128196.0	233154.9	245601.7		
		99813.9	154189.0	272653.9	240138.3	169721.8					
4082.00	Sh/Clst	674335.7	254218.7	2077104.0	1350764.9	625083.0	596387.7	918203.4	565203.2	646016.0	0073-1
		1136752.8	628427.3	643399.3	826248.0	334664.5	259072.0	380969.8	409840.5		
		299136.0	459029.5	513274.0	396852.8	486306.3					

Table 12H: Raw GCMS triaromatic sterane data (peak height) for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
1.00	bulk	757405.3	704546.8	654857.0	2161414.0	1314605.8	1184329.9	1035533.2	0086-0
2780.00	Sh/Clst	1019070.1	620479.9	1110584.0	3179125.5	1019881.0	1493111.0	1143373.8	0033-1
3415.00	Sh/Clst	2688026.5	2020416.0	2858315.5	7847140.0	2914792.0	3415096.0	2555075.3	0074-1
3421.00	Sh/Clst	2175403.5	1609245.8	2006086.0	5029530.0	1881103.0	2112853.5	1807972.8	0076-1
3486.00	Sh/Clst	1308677.5	914605.8	1122213.8	2753560.0	1076640.0	1146219.0	978454.8	0091-1
3549.00	Sh/Clst	1212022.9	821331.3	928767.8	2228185.5	950848.0	1021624.8	869136.0	0114-1
3599.80	Sh/Clst	1773858.3	1344128.0	841048.0	2573052.0	1146589.0	1209376.0	1048201.5	0117-1
3615.00	Sh/Clst	6541966.5	4656100.5	5636136.0	13163383.0	5432288.5	5801410.0	5183353.5	0049-1
3669.00	S/Sst	1797654.0	1512760.6	1488344.6	4834925.5	2737405.3	2456672.0	2441083.5	0115-1
3678.00	S/Sst	4868885.0	3928362.5	3714880.0	11938490.0	7249890.0	6601458.0	7362639.5	0055-3
3680.50	S/Sst	4740966.5	3689826.0	395885.0	1496135.0	888362.0	765792.0	830506.7	0118-1
3684.40	S/Sst	8770550.0	6419001.0	2001510.5	7790845.5	4749056.0	4384196.0	4164169.0	0119-1
3723.00	Sltst	1189364.6	877547.8	266349.6	787640.0	460707.4	372564.0	389693.9	0093-2
4082.00	Sh/Clst	1981611.0	1381689.6	1509408.0	3823931.0	1565544.0	1656416.0	1406835.3	0073-1

Table 12I: Raw GCMS monoaromatic sterane data (peak height) for Well NOCS 2/2-5

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	h1	i1	Sample
1.00	bulk	531173.5	312095.7	622762.7	487670.1	956088.8	200760.8	754772.4	453045.4	90216.5	0086-0
2780.00	Sh/Clst	760034.8	1634846.4	2446917.0	2638644.0	7510680.0	791637.0	6722929.5	5674686.5	1837304.1	0033-1
3415.00	Sh/Clst	828901.8	499594.0	1440066.8	1022424.4	2415453.5	731302.5	1867439.4	955925.3	211552.0	0074-1
3421.00	Sh/Clst	759481.5	482674.8	977010.7	759786.3	1785263.4	485776.0	1269950.0	670154.7	137032.0	0076-1
3486.00	Sh/Clst	267036.8	176085.3	484583.3	390426.0	852840.0	268576.0	602239.4	357169.9	70992.5	0091-1
3549.00	Sh/Clst	153149.3	103376.9	294970.9	232203.8	541560.4	182115.5	398115.0	231769.7	46886.0	0114-1
3599.80	Sh/Clst	512500.4	338471.0	647252.6	469848.0	1258776.0	371485.5	990007.4	515321.6	86515.3	0117-1
3615.00	Sh/Clst	1739857.5	1170592.8	2687627.0	2156544.0	4325888.0	1472719.0	3262731.0	1825213.0	397939.0	0049-1
3669.00	S/Sst	1143685.9	578704.0	1271475.8	967460.9	1856849.3	343251.5	1522458.0	824339.2	160585.0	0115-1
3678.00	S/Sst	2190034.3	1342943.0	3031213.5	2466716.3	4554880.0	925952.0	3852940.0	2128828.5	413176.0	0055-3
3680.50	S/Sst	905362.0	610122.5	701363.3	565687.0	885743.0	388111.8	790503.9	467030.2	70212.6	0118-1
3684.40	S/Sst	2377344.0	1212634.0	2565790.3	1905719.0	4099891.0	1307964.0	3509464.5	1871473.3	219904.0	0119-1
3723.00	Slst	234168.9	147988.4	168185.9	116080.0	245548.0	57166.3	172794.9	109403.3	35914.5	0093-2
4082.00	Sh/Clst	579002.2	334837.5	867885.6	572865.3	1257213.5	441696.0	1030861.9	602699.2	111444.5	0073-1

Well NOCS 2/2-5

Sulphur, Nickel and Vanadium analysis of wole oil (DST 1)

	Sulphur wt%	Nickel ppm	Vanadium ppm	API
Topped Oil	-	-	-	30.49
Whole Oil	0.37	9.5	-	33.23