

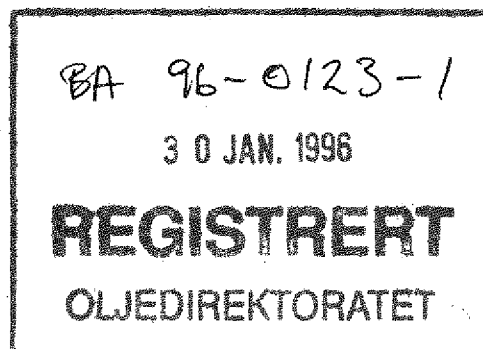
Geochemical Report for

Well NOCS 15/6-4

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1.2 Analytical Program

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TOC	102	1	1,2
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Pyrolysis GC (GHM, S ₂)	21	6a-g,7	3
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Saturated hydrocarbon GC	6	8b-e	5
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Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1000.00						0001
			40	Other : fos		0001-1L
			35	S/Sst : w to lt gy, crs, l		0001-4L
			20	Sltst : lt gy, s		0001-5L
			5	Cont : w, cem		0001-2L
			tr	Cont : prp		0001-3L
1020.00						0002
			50	Sltst : lt gy to pl y brn to y gy, s		0002-4L
			30	S/Sst : w to lt gy, crs, l		0002-3L
			15	Cont : prp, cem		0002-2L
			5	Other : fos		0002-1L
1040.00						0003
			60	Sltst : lt gy to pl y brn to y gy, s		0003-4L
			20	Cont : prp, cem, Mica-ad, dd, fib		0003-2L
			10	S/Sst : w to lt gy, crs, l		0003-3L
			10	Other : glauc		0003-5L
			tr	Other : fos		0003-1L
1060.00						0004
	1.16		100	Sltst : pl y brn, s		0004-4L
			tr	Other : fos		0004-1L
			tr	Cont : prp		0004-2L
			tr	S/Sst : w to lt gy, crs, l		0004-3L
1080.00						0005
			90	Sltst : pl y brn, s		0005-3L
			10	Cont : prp, fib, dd		0005-1L
			tr	S/Sst : w to lt gy, crs, l		0005-2L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1100.00						0006
	2.59	90	Sltst	: pl y brn, s		0006-3L
		10	Cont	: prp, fib, dd		0006-1L
			tr S/Sst	: w to lt gy, crs, l		0006-2L
1110.00						0007
		100	Sltst	: pl y brn		0007-2L
			tr Cont	: prp, fib, dd		0007-1L
1140.00						0008
	1.89	100	Sltst	: pl y brn		0008-2L
			tr Cont	: prp, fib, dd		0008-1L
1160.00						0009
		100	Sltst	: pl y brn		0009-2L
			tr Cont	: prp, fib, dd		0009-1L
1180.00						0010
	4.86	85	Sltst	: pl y brn to gy brn to dsk brn		0010-2L
		10	S/Sst	: w to lt gy, crs, l		0010-3L
		5	Other	: fos		0010-4L
			tr Cont	: prp		0010-1L
1200.00						0011
		100	Sltst	: pl y brn to gy brn to dsk brn		0011-2L
			tr Cont	: prp		0011-1L
			tr S/Sst	: w to lt gy, crs, l		0011-3L
			tr Other	: fos		0011-4L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1220.00						0012
	2.62	100	Sltst	: pl y brn to gy brn		0012-2L
			tr Cont	: prp		0012-1L
			tr S/Sst	: w to lt gy, crs, l		0012-3L
			tr Other	: fos		0012-4L
1240.00						0013
		100	Sltst	: pl y brn to gy brn		0013-2L
			tr Cont	: prp		0013-1L
			tr S/Sst	: w to lt gy, crs, l		0013-3L
			tr Other	: fos		0013-4L
1260.00						0014
	1.93	100	Sltst	: pl y brn to gy brn		0014-2L
			tr Cont	: prp		0014-1L
			tr S/Sst	: w to lt gy, crs, l		0014-3L
			tr Other	: fos		0014-4L
1280.00						0015
		100	Sltst	: pl y brn to gy brn		0015-2L
			tr Cont	: prp		0015-1L
			tr S/Sst	: w to lt gy, crs, l, cem		0015-3L
			tr Other	: fos		0015-4L
1300.00						0016
	2.62	100	Sltst	: pl y brn to gy brn, s		0016-2L
			tr Cont	: prp		0016-1L
			tr S/Sst	: w to lt gy, crs, l, cem		0016-3L
			tr Other	: fos		0016-4L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1320.00						0017
			100	Sltst : pl y brn to gy brn, s, glauc		0017-2L
				tr Cont : prp		0017-1L
				tr S/Sst : w to lt gy, crs, l, cem		0017-3L
				tr Other : fos		0017-4L
1330.00						0018
		3.89	100	Sltst : pl y brn to gy brn, glauc		0018-2L
				tr Cont : prp		0018-1L
				tr Ca : gy brn		0018-3L
1360.00						0019
			100	Sltst : pl y brn to gy brn, glauc, s		0019-2L
				tr Cont : prp		0019-1L
				tr Ca : gy brn		0019-3L
				tr S/Sst : lt gy, cem		0019-4L
1380.00						0020
		3.20	100	Sltst : pl y brn to gy brn to dsk brn, glauc, s		0020-2L
				tr Cont : prp		0020-1L
				tr S/Sst : lt gy, cem		0020-3L
1400.00						0021
			50	Sltst : pl y brn to gy brn to dsk brn, glauc		0021-2L
		0.71	50	Ca : brn gy to pl y brn		0021-3L
				tr Cont : prp		0021-1L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1420.00						0022
			100	Sltst : pl y brn to gy brn to dsk brn, glauc		0022-2L
			tr	Cont : prp		0022-1L
			tr	Ca : brn gy to pl y brn		0022-3L
1440.00						0023
	2.35		90	Sltst : pl y brn to gy brn to dsk brn, glauc		0023-2L
			10	Ca : brn gy to pl y brn		0023-3L
			tr	Cont : prp		0023-1L
1460.00						0024
			100	Sltst : pl y brn to gy brn to dsk brn		0024-2L
			tr	Cont : prp		0024-1L
			tr	Ca : brn gy to pl y brn		0024-3L
1480.00						0025
	2.16		100	Sltst : pl y brn to gy brn to dsk brn		0025-2L
			tr	Cont : prp		0025-1L
			tr	Ca : brn gy to pl y brn		0025-3L
1500.00						0026
	1.48		70	Sh/Clst: lt brn gy, slt		0026-3L
			30	Sltst : pl y brn to gy brn to dsk brn		0026-2L
			tr	Cont : prp		0026-1L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description			
1520.00						0027
		50	Sltst	: pl y brn to gy brn to dsk brn		0027-2L
		50	Sh/Clst:	: lt brn gy, slt		0027-3L
			tr Cont	: prp		0027-1L
1540.00						0028
	2.69	100	Sltst	: gy brn, lt brn gy		0028-2L
			tr Cont	: prp		0028-1L
1560.00						0029
		100	Sltst	: gy brn, lt brn gy, cly		0029-2L
			tr Cont	: prp		0029-1L
1580.00						0030
	0.73	80	Sh/Clst:	: gy brn, lt brn gy, slt		0030-2L
		20	Ca	: or gy		0030-3L
			tr Cont	: prp		0030-1L
1600.00						0031
		95	Sh/Clst:	: gy brn, lt brn gy, slt		0031-2L
		5	Ca	: or gy		0031-3L
			tr Cont	: prp		0031-1L
1620.00						0032
	1.75	100	Sh/Clst:	: gy brn, lt brn gy, slt		0032-2L
			tr Cont	: prp		0032-1L
			tr Ca	: or gy		0032-3L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1640.00						0033
			100	Sh/Clst: gy brn, lt brn gy, slt		0033-2L
				tr Cont : prp		0033-1L
				tr Ca : or gy		0033-3L
1660.00						0034
	1.65		100	Sh/Clst: gy brn, lt brn gy, slt		0034-2L
				tr Cont : prp		0034-1L
				tr Ca : or gy		0034-3L
1680.00						0035
			100	Sh/Clst: gy brn, lt brn gy, slt		0035-2L
				tr Cont : prp		0035-1L
				tr Ca : or gy		0035-3L
1700.00						0036
	1.53		95	Sh/Clst: gy brn, lt brn gy, slt		0036-2L
			5	Sh/Clst: lt gy		0036-4L
				tr Cont : prp		0036-1L
				tr Ca : or gy		0036-3L
1720.00						0037
			65	Sh/Clst: lt gy to pl ol		0037-3L
			35	Sh/Clst: gy brn, lt brn gy, slt		0037-2L
				tr Cont : prp		0037-1L
				tr S/Sst : w to lt gy, crs, l		0037-4L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1740.00						0038
				80 Sh/Clst: lt gy to pl ol		0038-3L
				20 Sh/Clst: gy brn, lt brn gy, slt		0038-2L
				tr Cont : prp		0038-1L
				tr S/Sst : w to lt gy, crs, l		0038-4L
1760.00						0039
				55 Sh/Clst: lt gy to pl ol		0039-3L
				45 Sh/Clst: gy brn, lt brn gy, slt		0039-2L
				tr Cont : prp		0039-1L
				tr S/Sst : w to lt gy, crs, l		0039-4L
1780.00						0040
				50 Sh/Clst: gy brn, lt brn gy, slt		0040-2L
				50 Sh/Clst: lt gy to pl ol		0040-3L
				tr Cont : prp		0040-1L
				tr S/Sst : w to lt gy, crs, l		0040-4L
1800.00						0041
				70 Sh/Clst: gy brn, lt brn gy, slt		0041-2L
				30 Sh/Clst: lt gy to pl ol		0041-3L
				tr Cont : prp		0041-1L
				tr S/Sst : w to lt gy, crs, l		0041-4L
1820.00						0042
				55 Sh/Clst: lt gy to pl ol		0042-3L
				45 Sh/Clst: gy brn, lt brn gy, slt		0042-2L
				tr Cont : prp		0042-1L
				tr S/Sst : w to lt gy, crs, l		0042-4L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1840.00						0043
			85	Sh/Clst: lt gy to pl ol		0043-3L
			15	Sh/Clst: gy brn, lt brn gy, slt		0043-2L
				tr Cont : prp		0043-1L
				tr S/Sst : w to lt gy, crs, l		0043-4L
1860.00						0044
			90	Sh/Clst: lt gy to pl ol		0044-3L
			10	Sh/Clst: gy brn, lt brn gy, slt		0044-2L
				tr Cont : prp		0044-1L
				tr S/Sst : w to lt gy, crs, l		0044-4L
1880.00						0045
			90	Sh/Clst: lt gy to pl ol		0045-3L
			10	Sh/Clst: gy brn, lt brn gy, slt		0045-2L
				tr Cont : prp		0045-1L
				tr S/Sst : w to lt gy, crs, l		0045-4L
1900.00						0046
			95	Sh/Clst: lt gy to pl ol		0046-3L
			5	Sh/Clst: gy brn, lt brn gy, slt		0046-2L
				tr Cont : prp		0046-1L
				tr S/Sst : w to lt gy, crs, l		0046-4L
1920.00						0047
			55	S/Sst : w to lt gy, crs, l		0047-4L
			25	Sh/Clst: lt gy to pl ol		0047-3L
		0.20	20	Sh/Clst: gy brn, lt brn gy, slt		0047-2L
				bulk		0047-0B
				tr Cont : prp		0047-1L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description			
1940.00						0048
			65	Sh/Clst:	lt gy to pl ol	0048-3L
			25	Sh/Clst:	gy brn, lt brn gy, slt	0048-2L
			10	S/Sst	: w to lt gy, crs, l	0048-4L
			tr	Cont	: prp	0048-1L
1960.00						0049
			80	Sh/Clst:	lt gy to pl ol	0049-3L
			15	Sh/Clst:	gy brn, lt brn gy, slt	0049-2L
			5	S/Sst	: w to lt gy, crs, l	0049-4L
			tr	Cont	: prp	0049-1L
1980.00						0050
			80	Sh/Clst:	lt gy to pl ol	0050-3L
			20	Sh/Clst:	gy brn, lt brn gy, slt	0050-2L
			tr	Cont	: prp	0050-1L
			tr	S/Sst	: w to lt gy, crs, l	0050-4L
2000.00						0051
			55	Sh/Clst:	gy brn, lt brn gy	0051-2L
			45	Sh/Clst:	lt gy to pl ol	0051-3L
			tr	Cont	: prp	0051-1L
			tr	S/Sst	: w to lt gy, crs, l	0051-4L
2020.00						0052
			90	Sh/Clst:	lt gy to pl ol to dsk y gn	0052-3L
			10	Sh/Clst:	gy brn, lt brn gy	0052-2L
			tr	Cont	: prp	0052-1L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2040.00						0053
			90	Sh/Clst: lt gy to pl ol to dsk y gn		0053-3L
			10	Sh/Clst: gy brn, lt brn gy		0053-2L
			tr	Cont	: prp	0053-1L
			tr	Ca	: or gy	0053-4L
2060.00						0054
			90	Sh/Clst: lt gy to pl ol to dsk y gn		0054-3L
			10	Sh/Clst: gy brn, lt brn gy		0054-2L
			tr	Cont	: prp	0054-1L
			tr	Ca	: or gy	0054-4L
2080.00						0055
			55	Sh/Clst: lt gy to pl ol to dsk y gn		0055-3L
			45	Sh/Clst: gy brn, lt brn gy		0055-2L
			tr	Cont	: prp	0055-1L
			tr	Ca	: or gy	0055-4L
2100.00						0056
			65	Sh/Clst: lt gy to pl ol to dsk y gn		0056-3L
			35	Sh/Clst: gy brn, lt brn gy		0056-2L
			tr	Cont	: prp	0056-1L
			tr	Ca	: or gy	0056-4L
2110.00						0057
			60	Sh/Clst: lt gy to pl ol to dsk y gn		0057-3L
			40	Sh/Clst: gy brn, lt brn gy		0057-2L
			tr	Cont	: prp	0057-1L
			tr	Ca	: or gy, lt brn gy	0057-4L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2130.00						0058
				60 Sh/Clst: lt gy to pl ol to dsk y gn		0058-3L
				40 Sh/Clst: gy brn, lt brn gy		0058-2L
				tr Cont : prp		0058-1L
				tr Ca : or gy, lt brn gy		0058-4L
2140.00						0059
				80 Sh/Clst: lt gy to pl ol to dsk y gn		0059-3L
				20 Sh/Clst: gy brn, lt brn gy, gy red		0059-2L
				tr Cont : prp		0059-1L
				tr Ca : or gy, lt brn gy		0059-4L
2160.00						0060
				50 Sh/Clst: gy brn, lt brn gy, gy red		0060-2L
				50 Sh/Clst: lt gy to pl ol to dsk y gn		0060-3L
				tr Cont : prp		0060-1L
				tr Ca : or gy, lt brn gy		0060-4L
2180.00						0061
				60 Sh/Clst: lt gy to pl ol to dsk y gn		0061-3L
				40 Sh/Clst: gy brn, lt brn gy, gy red		0061-2L
				tr Cont : prp		0061-1L
				tr Ca : or gy, lt brn gy		0061-4L
2200.00						0062
				80 Sh/Clst: gy brn, lt brn gy, gy red		0062-2L
				20 Sh/Clst: lt gy to pl ol to dsk y gn		0062-3L
				tr Cont : prp, st		0062-1L
				tr Ca : or gy, lt brn gy		0062-4L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2220.00						0063
				60 Sh/Clst: gy brn, lt brn gy, gy red		0063-2L
				30 Sh/Clst: lt gy to pl ol to dsk y gn		0063-3L
				10 Cont : st		0063-1L
				tr Ca : or gy, lt brn gy		0063-4L
2240.00						0064
				55 Sh/Clst: gy brn, lt brn gy, gy red, slt		0064-2L
				25 Sh/Clst: lt gy to pl ol to dsk y gn		0064-3L
				20 Cont : st		0064-1L
				tr Ca : or gy, lt brn gy		0064-4L
2260.00						0065
				65 Sh/Clst: lt brn gy, slt		0065-2L
				30 Sh/Clst: lt gy to pl ol to dsk y gn		0065-3L
				5 Cont : st		0065-1L
				tr Ca : or gy, lt brn gy		0065-4L
2280.00						0066
				90 Sltst : lt gy to lt brn gy, cly		0066-2L
				10 Sh/Clst: lt gy to pl ol to dsk y gn		0066-3L
				tr Cont : st		0066-1L
2300.00						0067
				65 Sh/Clst: lt gy to lt brn gy, brn gy, slt		0067-1L
				35 Sh/Clst: pl ol to dsk y gn		0067-2L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2320.00						0068
				85 Sh/Clst: lt gy to lt brn gy, brn gy, slt		0068-1L
				15 Sh/Clst: pl ol to dsk y gn		0068-2L
2340.00						0069
				45 Sh/Clst: lt gy to lt brn gy, brn gy, slt		0069-1L
				40 Sh/Clst: pl ol to dsk y gn		0069-2L
				15 S/Sst : w to lt gy, crs, l		0069-3L
				tr Cont : st		0069-4L
2360.00						0070
				45 Sh/Clst: lt gy to lt brn gy, brn gy, slt		0070-1L
				45 Sh/Clst: pl ol to dsk y gn		0070-2L
				10 S/Sst : w to lt gy, crs, l		0070-3L
2380.00						0071
				60 S/Sst : w to lt gy, crs, l		0071-3L
				20 Sh/Clst: lt gy to lt brn gy, brn gy, slt		0071-1L
				20 Sh/Clst: pl ol to dsk y gn		0071-2L
	0.41			bulk		0071-0B
2400.00						0072
				50 S/Sst : w to lt gy, crs, l		0072-3L
				25 Sh/Clst: lt gy to lt brn gy, brn gy, slt		0072-1L
				25 Sh/Clst: pl ol to dsk y gn		0072-2L
	0.30			bulk		0072-0B
				tr Cont : st		0072-4L

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Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2420.00						0073
			45	Sh/Clst: pl ol to dsk y gn		0073-2L
			40	Sh/Clst: lt gy to lt brn gy, brn gy, slt		0073-1L
			10	Cont : st		0073-4L
			5	S/Sst : w to lt gy, crs, l, cem		0073-3L
2440.00						0074
			45	Sh/Clst: pl ol to dsk y gn		0074-2L
			40	Sh/Clst: lt gy to lt brn gy, brn gy, slt		0074-1L
	0.10		15	S/Sst : w to lt gy, crs, l, cem		0074-3L
			tr	Cont : st		0074-4L
2460.00						0075
	0.31		55	S/Sst : w to lt gy, crs, l, cem		0075-3L
			25	Sh/Clst: pl ol to dsk y gn		0075-2L
			20	Sh/Clst: lt gy to lt brn gy, brn gy, slt		0075-1L
			tr	Cont : st		0075-4L
2480.00						0076
			50	S/Sst : w to lt gy, crs, l, pyr		0076-3L
			25	Sh/Clst: lt gy to lt brn gy, brn gy, slt		0076-1L
	0.47		25	Sh/Clst: pl ol to dsk y gn		0076-2L
				bulk		0076-0B
			tr	Cont : st		0076-4L
			tr	Coal : blk		0076-5L
2500.00						0077
			70	S/Sst : w to lt gy, crs, l, cem, pyr		0077-3L
			20	Sh/Clst: pl ol to dsk y gn		0077-2L
	0.25		10	Sh/Clst: lt gy to lt brn gy, brn gy, slt		0077-1L
				bulk		0077-0B
			tr	Cont : st		0077-4L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2520.00						0078
				90 S/Sst : w to lt gy, crs, l		0078-3L
				5 Sh/Clst: lt gy to lt brn gy, brn gy, slt		0078-1L
				5 Sh/Clst: pl ol to dsk y gn		0078-2L
2550.00						0079
				50 Sh/Clst: lt gy to lt brn gy, brn gy, slt		0079-1L
				45 Sh/Clst: pl ol to dsk y gn		0079-2L
				5 S/Sst : w to lt gy, crs, l		0079-3L
2560.00						0080
				40 S/Sst : w to lt gy, crs, l		0080-3L
				35 Sh/Clst: lt gy to m gy, lt brn gy to brn gy, slt, s		0080-1L
				25 Sh/Clst: pl ol to dsk y gn		0080-2L
	0.58			bulk		0080-0B
				tr Coal : blk		0080-4L
2580.00						0081
				45 Sh/Clst: lt gy to m gy, lt brn gy to brn gy, slt, s		0081-1L
				30 Sh/Clst: pl ol to dsk y gn		0081-2L
	0.19			25 S/Sst : w to lt gy, cem, slt		0081-3L
				tr Coal : blk		0081-4L
2603.00						0082
				50 Sh/Clst: lt gy to m gy, lt brn gy to brn gy, slt, s		0082-1L
				50 Sh/Clst: pl ol to dsk y gn		0082-2L
				tr S/Sst : w to lt gy, cem, slt		0082-3L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2618.00						0083	
		75	Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0083-1L	
		15	Sh/Clst:	pl ol to dsk y gn		0083-2L	
		10	S/Sst :	w to lt gy, cem, slt		0083-3L	
2642.00						0084	
		65	Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0084-1L	
		20	Sh/Clst:	pl ol to dsk y gn		0084-2L	
		15	S/Sst :	w to lt gy, crs, l		0084-3L	
2660.00						0085	
	0.04	80	S/Sst :	w to lt gy, crs, l, cem, calc		0085-3L	
		15	Sh/Clst:	pl ol to dsk y gn		0085-2L	
		5	Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0085-1L	
2681.00						0086	
	0.21	100	Ca :	lt gy, mrl		0086-4L	
		tr	Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0086-1L	
		tr	Sh/Clst:	pl ol to dsk y gn		0086-2L	
		tr	S/Sst :	w to lt gy, crs, l, cem, calc		0086-3L	
2699.00						0087	
	0.25	95	Ca :	lt gy, mrl		0087-3L	
		5	Sh/Clst:	pl ol to dsk y gn		0087-2L	
		tr	Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0087-1L	

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2720.00						0088
	0.21	100	Ca	: lt gy to w		0088-3L
			tr Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0088-1L
			tr Sh/Clst:	pl ol to dsk y gn		0088-2L
2738.00						0089
	0.08	95	Ca	: w to lt gy		0089-3L
			5 Sh/Clst:	pl ol to dsk y gn		0089-2L
			tr Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0089-1L
2762.00						0090
	0.39	70	Sh/Clst:	pl ol to dsk y gn		0090-2L
		30	Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0090-1L
			tr Ca	: w to lt gy		0090-3L
2780.00						0091
		50	Ca	: w		0091-3L
		35	Sh/Clst:	lt gy to m gy, lt brn gy to brn gy to gy red, slt		0091-1L
		15	Sh/Clst:	pl ol to dsk y gn		0091-2L
2801.00						0092
	0.09	95	Ca	: w		0092-3L
			5 Sh/Clst:	lt gy to m gy		0092-1L
			tr Sh/Clst:	pl ol to dsk y gn		0092-2L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2822.00						0093
				90 Ca : w		0093-3L
				10 Sh/Clst: lt gy to m gy		0093-1L
				tr Sh/Clst: pl ol to dsk y gn		0093-2L
2840.00						0094
	0.77			60 Ca : w		0094-3L
				40 Sh/Clst: lt gy to m gy to drk gy, calc		0094-1L
				tr Sh/Clst: pl ol to dsk y gn		0094-2L
2861.00						0095
				80 Ca : w		0095-3L
				20 Sh/Clst: lt gy to m gy, calc		0095-1L
				tr Sh/Clst: pl ol to dsk y gn		0095-2L
2879.00						0096
	0.37			95 Ca : w		0096-3L
				5 Sh/Clst: lt gy to m gy, calc		0096-1L
				tr Sh/Clst: pl ol to dsk y gn		0096-2L
2900.00						0097
				100 Ca : w to gy pi		0097-3L
				tr Sh/Clst: lt gy to m gy, calc		0097-1L
				tr Sh/Clst: pl ol to dsk y gn		0097-2L
2918.00						0098
	0.70			95 Marl : gy red		0098-4L
				5 Ca : w to gy pi		0098-3L
				tr Sh/Clst: lt gy to m gy, calc		0098-1L
				tr Sh/Clst: pl ol to dsk y gn		0098-2L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2942.00						0099
	0.28		85 Marl	: gy red		0099-4L
			15 Ca	: w to gy pi		0099-3L
			tr Sh/Clst:	lt gy to m gy, calc		0099-1L
			tr Sh/Clst:	pl ol to dsk y gn		0099-2L
2960.00						0100
			50 Ca	: w to gy pi		0100-3L
			50 Marl	: gy red		0100-4L
			tr Sh/Clst:	lt gy to m gy, calc		0100-1L
			tr Sh/Clst:	pl ol to dsk y gn		0100-2L
2978.00						0101
	0.47		85 Ca	: w to gy pi		0101-3L
			15 Marl	: gy red		0101-4L
			tr Sh/Clst:	lt gy to m gy, calc		0101-1L
			tr Sh/Clst:	pl ol to dsk y gn		0101-2L
2999.00						0102
			45 Ca	: w to gy pi		0102-2L
			45 Marl	: gy red		0102-3L
			10 Sh/Clst:	lt gy to m gy, calc		0102-1L
3020.00						0103
	0.58		90 Ca	: w to gy pi		0103-2L
			10 Marl	: gy red		0103-3L
			tr Sh/Clst:	lt gy to m gy, calc		0103-1L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3038.00						0104
			100	Ca : w to gy pi		0104-2L
				tr Sh/Clst: lt gy to m gy, calc		0104-1L
				tr Marl : gy red		0104-3L
3059.00						0105
			100	Other : lt gy, trbofgs		0105-4L
				tr Sh/Clst: lt gy to m gy, calc		0105-1L
				tr Ca : w to gy pi		0105-2L
				tr Marl : gy red		0105-3L
3080.00						0106
			85	Other : lt gy, trbofgs		0106-4L
			15	Ca : w to gy pi		0106-2L
				tr Sh/Clst: lt gy to m gy, calc		0106-1L
				tr Marl : gy red		0106-3L
3101.00						0107
	0.67		60	Ca : w to gy pi		0107-2L
			40	Other : lt gy, trbofgs		0107-4L
				tr Sh/Clst: lt gy to m gy, calc		0107-1L
				tr Marl : gy red		0107-3L
3119.00						0108
	0.42		65	Ca : w to gy pi, pl y brn, crs		0108-2L
			35	Other : lt gy, trbofgs		0108-4L
				tr Sh/Clst: lt gy to m gy, calc		0108-1L
				tr Marl : gy red		0108-3L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3140.00						0109
	0.29	65	Ca	: w to gy pi, pl y brn, crs		0109-1L
		20	Marl	: gy red, lt gy to pl ol		0109-2L
		15	Other	: lt gy, trbofgs		0109-3L
3146.00						0110
	0.26	75	Ca	: w to lt gy, s, glauc, crs		0110-1L
		25	Marl	: gy red, lt gy to pl ol		0110-2L
		tr	Other	: lt gy, trbofgs		0110-3L
3152.00						0111
	0.34	100	Ca	: w to lt gy, s, glauc, crs		0111-1L
		tr	Marl	: gy red, lt gy to pl ol		0111-2L
3155.00						0112
	0.41	100	Ca	: w to lt gy, s, glauc, crs		0112-1L
		tr	Marl	: gy red, lt gy to pl ol		0112-2L
3161.00						0113
		55	Marl	: gy red, lt gy to pl ol		0113-2L
		45	Ca	: w to lt gy, s, glauc, crs		0113-1L
		tr	Cont	: prp		0113-3L
	2.88	tr	Sh/Clst:	drk gy to brn blk, slt		0113-4L
3164.00						0114
		45	Ca	: w to lt gy, s, glauc, crs		0114-1L
	3.66	35	Sh/Clst:	drk gy to dsk brn to brn blk, slt		0114-4L
		20	Marl	: gy red, lt gy to pl ol		0114-2L
		tr	Cont	: prp		0114-3L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3170.00						0115
	3.46	85	Sh/Clst:	drk gy to dsk brn to brn blk, slt		0115-4L
		15	Marl	: gy red, lt gy to pl ol		0115-2L
			tr Ca	: w to lt gy, s, glauc, crs		0115-1L
			tr Cont	: prp		0115-3L
3176.00						0116
	5.06	80	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0116-4L
		20	Ca	: w to lt gy, s, glauc, crs		0116-1L
			tr Marl	: gy red, lt gy to pl ol		0116-2L
			tr Cont	: prp		0116-3L
3182.00						0117
	4.59	100	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0117-3L
			tr Ca	: w to lt gy, s, glauc, crs		0117-1L
			tr Marl	: gy red, lt gy to pl ol		0117-2L
3185.00						0118
	5.41	95	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0118-3L
		5	Ca	: w to lt gy, s, glauc, crs		0118-1L
			tr Marl	: gy red, lt gy to pl ol		0118-2L
3191.00						0119
	3.95	100	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0119-3L
			tr Ca	: w to lt gy, s, glauc, crs		0119-1L
			tr Marl	: gy red, lt gy to pl ol		0119-2L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3194.00						0120
	4.25	95	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0120-3L
		5	Ca	: w to lt gy, s, glauc, crs		0120-1L
		tr	Marl	: gy red, lt gy to pl ol		0120-2L
3200.00						0121
	3.38	60	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0121-3L
		40	Ca	: w to lt gy, s, glauc, crs		0121-1L
		tr	Marl	: gy red, lt gy to pl ol		0121-2L
3203.00						0122
	3.43	75	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0122-3L
		20	Ca	: w to lt gy, s, glauc, crs		0122-1L
		5	Cont	: fib		0122-4L
		tr	Marl	: gy red, lt gy to pl ol		0122-2L
3209.00						0123
	3.77	75	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0123-3L
		15	Ca	: w to lt gy, s, glauc, crs		0123-1L
		10	Cont	: prp, fib		0123-4L
		tr	Marl	: gy red, lt gy to pl ol		0123-2L
3215.00						0124
	0.55	85	S/Sst	: lt brn gy, calc, cem		0124-4L
		15	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0124-2L
		tr	Ca	: w to lt gy, s, glauc, crs		0124-1L
		tr	Cont	: prp, fib		0124-3L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3221.00						0125
		3.66	50	Sh/Clst: drk gy to dsk brn to brn blk, slt, carb		0125-1L
		0.72	50	S/Sst : lt brn to lt brn gy, calc, cem		0125-3L
				tr Cont : prp, fib		0125-2L
3224.00						0126
			55	S/Sst : lt brn to lt brn gy, calc, cem		0126-3L
			45	Sh/Clst: drk gy to dsk brn to brn blk, slt, carb		0126-1L
				tr Cont : prp, fib		0126-2L
3226.30	ccp					0145
		0.92	100	S/Sst : pl y brn, crs, cem		0145-1L
3230.90	ccp					0146
		0.56	100	Sh/Clst: brn gy, slt		0146-1L
3235.80	ccp					0147
		0.61	100	Sltst : brn gy, s		0147-1L
3240.90	ccp					0148
		0.14	100	S/Sst : w to pl y brn, crs, cem		0148-1L
3246.40	ccp					0149
		0.08	100	S/Sst : w to pl y brn, crs, cem		0149-1L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
3251.00						0127	
		65	S/Sst	: lt brn to lt brn gy, calc, crs, cem, l		0127-3L	
		35	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0127-1L	
		tr	Cont	: prp, fib		0127-2L	
3254.00						0128	
	0.27	80	S/Sst	: lt brn to lt brn gy, crs, l		0128-3L	
		20	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0128-1L	
		tr	Cont	: prp, fib		0128-2L	
3260.00						0129	
		85	S/Sst	: lt brn to lt brn gy, crs, l		0129-3L	
		10	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0129-1L	
		5	Coal	: blk		0129-4L	
		tr	Cont	: prp, fib		0129-2L	
3266.00						0130	
	4.18	60	S/Sst	: lt brn to lt brn gy, crs, cem, l		0130-3L	
		40	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0130-1L	
		tr	Cont	: prp, fib		0130-2L	
		tr	Coal	: blk		0130-4L	
3269.00						0131	
		85	S/Sst	: lt brn to lt brn gy, crs, cem, l		0131-3L	
		15	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0131-1L	
		tr	Cont	: prp, fib		0131-2L	
		tr	Coal	: blk		0131-4L	

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3272.00	ccp					0132
	0.37	100	S/Sst	: w to lt brn gy, cem		0132-1L
3277.00	ccp					0133
	0.29	100	S/Sst	: w to lt brn gy, cem		0133-1L
3282.00	ccp					0134
	0.20	100	S/Sst	: w to lt brn gy, cem		0134-1L
3287.00	ccp					0135
	0.17	100	S/Sst	: w to lt brn gy, cem		0135-1L
3292.00	ccp					0136
	0.16	100	S/Sst	: w to lt brn gy, cem		0136-1L
			tr Sh/Clst:	gn gy		0136-2L
3297.00	ccp					0137
	0.18	100	S/Sst	: w to lt brn gy, cem		0137-1L
3302.00	ccp					0138
	1.26	100	S/Sst	: w to lt brn gy, cem		0138-1L
3307.00	ccp					0139
	0.19	100	S/Sst	: w to lt brn gy, cem		0139-1L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
3320.00						0140	
			90	S/Sst	: lt brn to lt brn gy, crs, cem, 1	0140-3L	
			10	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb	0140-1L	
			tr	Cont	: prp, fib	0140-2L	
			tr	Coal	: blk	0140-4L	
3329.00						0141	
			100	S/Sst	: lt brn to lt brn gy, crs, 1	0141-3L	
			tr	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb	0141-1L	
			tr	Cont	: prp, fib	0141-2L	
			tr	Coal	: blk	0141-4L	
3341.00						0142	
	0.33		85	S/Sst	: lt brn to lt brn gy, crs, 1	0142-3L	
			10	Sh/Clst:	lt gy, calc	0142-4L	
			5	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb	0142-1L	
			tr	Cont	: prp, fib	0142-2L	
3353.00						0143	
			90	S/Sst	: lt brn to lt brn gy, crs, 1	0143-3L	
			5	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb	0143-1L	
			5	Sh/Clst:	lt gy, calc	0143-4L	
			tr	Cont	: prp, fib	0143-2L	
3359.00						0144	
	0.33		80	S/Sst	: lt brn to lt brn gy, crs, cem, 1, pyr	0144-3L	
			10	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb	0144-1L	
			10	Sh/Clst:	lt gy, calc	0144-4L	
			tr	Cont	: prp, fib	0144-2L	

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3410.00						0150
			90	S/Sst : lt brn, crs, cem, l		0150-3L
			10	Sh/Clst: drk gy to dsk brn to brn blk, slt, carb		0150-1L
				tr Cont : prp, fib		0150-2L
3422.00						0151
	0.12		95	S/Sst : lt brn, crs, cem, l		0151-3L
			5	Sh/Clst: drk gy to dsk brn to brn blk, slt, carb		0151-1L
				tr Cont : prp, fib		0151-2L
3431.00						0152
			95	S/Sst : lt brn, crs, cem, l		0152-3L
			5	Sh/Clst: drk gy to dsk brn to brn blk, slt, carb		0152-1L
				tr Cont : prp, fib		0152-2L
3440.00						0153
	0.11		100	S/Sst : lt brn, crs, cem, l		0153-3L
				tr Sh/Clst: drk gy to dsk brn to brn blk, slt, carb		0153-1L
				tr Cont : prp, fib		0153-2L
3449.00						0154
			95	S/Sst : lt brn, crs, cem, l		0154-3L
			5	Sh/Clst: drk gy to dsk brn to brn blk, slt, carb		0154-1L
				tr Cont : prp, fib		0154-2L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3458.00						0155
	0.11	95	S/Sst	: lt brn, crs, cem, 1		0155-3L
		5	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0155-1L
			tr Cont	: prp, fib		0155-2L
3470.00						0156
		95	S/Sst	: lt brn, crs, cem, 1		0156-3L
		5	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0156-1L
			tr Cont	: prp, fib		0156-2L
3479.00						0157
	0.10	100	S/Sst	: lt brn, crs, cem, 1		0157-3L
			tr Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0157-1L
			tr Cont	: prp, fib		0157-2L
3491.00						0158
		95	S/Sst	: lt brn, crs, cem, 1		0158-3L
		5	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0158-1L
			tr Cont	: prp, fib		0158-2L
3500.00						0159
	0.13	90	S/Sst	: lt brn, crs, cem, 1		0159-3L
		10	Sh/Clst:	drk gy to dsk brn to brn blk, slt, carb		0159-1L
			tr Cont	: prp, fib		0159-2L

Table 1 : Lithology description for well NOCS 15/6-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description			
3505.00						0160
			50 Sh/Clst:	drk gy to dsk brn to brn blk, lt gy, gy red		0160-1L
			50 S/Sst	: lt brn, crs, cem, l		0160-3L
			tr Cont	: prp, fib		0160-2L

Table 2 : Rock-Eval table for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1060.00	cut	Sltst : pl y brn	0.37	1.19	0.91	1.31	1.16	103	78	1.6	0.24	414	0004-4L
1100.00	cut	Sltst : pl y brn	0.59	5.82	2.79	2.09	2.59	225	108	6.4	0.09	423	0006-3L
1140.00	cut	Sltst : pl y brn	0.36	3.79	1.65	2.30	1.89	201	87	4.2	0.09	419	0008-2L
1180.00	cut	Sltst : pl y brn to gy brn to dsk brn	0.70	6.35	3.31	1.92	4.86	131	68	7.0	0.10	417	0010-2L
1220.00	cut	Sltst : pl y brn to gy brn	0.46	3.54	2.23	1.59	2.62	135	85	4.0	0.12	419	0012-2L
1260.00	cut	Sltst : pl y brn to gy brn	0.52	2.56	1.69	1.51	1.93	133	88	3.1	0.17	418	0014-2L
1300.00	cut	Sltst : pl y brn to gy brn	0.50	3.83	1.99	1.92	2.62	146	76	4.3	0.12	418	0016-2L
1330.00	cut	Sltst : pl y brn to gy brn	0.63	6.26	2.81	2.23	3.89	161	72	6.9	0.09	423	0018-2L
1380.00	cut	Sltst : pl y brn to gy brn to dsk brn	0.45	3.92	2.46	1.59	3.20	123	77	4.4	0.10	416	0020-2L
1400.00	cut	Ca : brn gy to pl y brn	0.05	0.34	1.10	0.31	0.71	48	155	0.4	0.13	429	0021-3L
1440.00	cut	Sltst : pl y brn to gy brn to dsk brn	0.37	3.01	1.90	1.58	2.35	128	81	3.4	0.11	422	0023-2L
1480.00	cut	Sltst : pl y brn to gy brn to dsk brn	0.37	2.64	1.51	1.75	2.16	122	70	3.0	0.12	421	0025-2L
1500.00	cut	Sh/Clst: lt brn gy	0.35	1.98	1.19	1.66	1.48	134	80	2.3	0.15	427	0026-3L

Table 2 : Rock-Eval table for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1540.00	cut	Sltst : gy brn, lt brn gy	0.33	3.26	1.93	1.69	2.69	121	72	3.6	0.09	426	0028-2L
1580.00	cut	Ca : or gy	0.04	0.30	4.78	0.06	0.73	41	655	0.3	0.12	438	0030-3L
1620.00	cut	Sh/Clst: gy brn, lt brn gy	0.31	2.24	1.02	2.20	1.75	128	58	2.5	0.12	427	0032-2L
1660.00	cut	Sh/Clst: gy brn, lt brn gy	0.23	2.13	1.14	1.87	1.65	129	69	2.4	0.10	426	0034-2L
1700.00	cut	Sh/Clst: gy brn, lt brn gy	0.18	1.53	1.07	1.43	1.53	100	70	1.7	0.11	429	0036-2L
1720.00	com	bulk	0.07	0.49	0.60	0.82	0.68	72	88	0.6	0.13	426	0161-0B
1760.00	com	bulk	0.11	0.67	0.75	0.89	1.01	66	74	0.8	0.14	422	0162-0B
1800.00	com	bulk	0.20	1.46	0.88	1.66	1.41	104	62	1.7	0.12	428	0163-0B
1840.00	com	bulk	0.07	0.37	0.57	0.65	0.55	67	104	0.4	0.16	421	0164-0B
1880.00	com	bulk	0.06	0.28	0.58	0.48	0.59	47	98	0.3	0.18	423	0165-0B
1920.00	cut	bulk	0.05	0.13	0.36	0.36	0.20	65	180	0.2	0.28	418	0047-0B
1960.00	com	bulk	0.06	0.27	0.19	1.42	0.51	53	37	0.3	0.18	422	0167-0B
2000.00	com	bulk	0.04	0.18	0.49	0.37	0.38	47	129	0.2	0.18	421	0168-0B
2040.00	com	bulk	0.06	0.29	0.48	0.60	0.49	59	98	0.3	0.17	420	0169-0B
2080.00	com	bulk	0.03	0.40	0.45	0.89	0.61	66	74	0.4	0.07	426	0170-0B

Table 2 : Rock-Eval table for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2110.00	com	bulk	0.06	0.49	0.49	1.00	0.66	74	74	0.6	0.11	422	0171-0B
2140.00	com	bulk	0.03	0.13	0.38	0.34	0.32	41	119	0.2	0.19	421	0172-0B
2160.00	com	bulk	0.03	0.19	0.36	0.53	0.39	49	92	0.2	0.14	422	0173-0B
2180.00	com	bulk	0.10	0.35	0.37	0.95	0.52	67	71	0.4	0.22	425	0174-0B
2220.00	com	bulk	0.11	0.73	0.52	1.40	0.90	81	58	0.8	0.13	424	0175-0B
2240.00	com	bulk	0.19	0.73	0.75	0.97	1.47	50	51	0.9	0.21	411	0176-0B
2260.00	com	bulk	0.34	1.47	0.47	3.13	1.54	95	31	1.8	0.19	417	0177-0B
2300.00	com	bulk	0.09	0.39	0.37	1.05	0.63	62	59	0.5	0.19	422	0178-0B
2340.00	com	bulk	0.14	0.61	0.41	1.49	0.85	72	48	0.8	0.19	420	0179-0B
2380.00	cut	bulk	0.11	0.29	0.23	1.26	0.41	71	56	0.4	0.28	423	0071-0B
2400.00	cut	bulk	0.04	0.18	0.24	0.75	0.30	60	80	0.2	0.18	422	0072-0B
2440.00	cut	S/Sst : w to lt gy	-	0.05	0.13	0.38	0.10	50	130	0.1	-	407	0074-3L
2460.00	cut	S/Sst : w to lt gy	0.02	0.09	0.18	0.50	0.31	29	58	0.1	0.18	402	0075-3L
2480.00	cut	bulk	0.11	0.34	0.16	2.13	0.47	72	34	0.5	0.24	428	0076-0B
2500.00	cut	bulk	0.04	0.18	0.12	1.50	0.25	72	48	0.2	0.18	425	0077-0B

Table 2 : Rock-Eval table for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2550.00	com	bulk	0.15	0.70	0.44	1.59	0.88	80	50	0.9	0.18	421	0180-0B
2560.00	cut	bulk	0.10	0.38	0.32	1.19	0.58	66	55	0.5	0.21	425	0080-0B
2580.00	cut	S/Sst : w to lt gy	0.04	0.12	0.11	1.09	0.19	63	58	0.2	0.25	413	0081-3L
2618.00	com	bulk	0.06	0.22	0.28	0.79	0.55	40	51	0.3	0.21	421	0181-0B
2660.00	cut	S/Sst : w to lt gy	-	-	0.08	-	0.04	-	200	-	-	-	0085-3L
2681.00	cut	Ca : lt gy	0.02	0.03	0.22	0.14	0.21	14	105	0.1	0.40	359	0086-4L
2699.00	cut	Ca : lt gy	0.02	-	0.95	-	0.25	-	380	-	1.00	-	0087-3L
2720.00	cut	Ca : lt gy to w	0.01	-	0.36	-	0.21	-	171	-	1.00	-	0088-3L
2738.00	cut	Ca : w to lt gy	0.01	-	0.41	-	0.08	-	513	-	1.00	-	0089-3L
2762.00	cut	Sh/Clst: pl ol to dsk y gn	0.04	0.17	0.46	0.37	0.39	44	118	0.2	0.19	421	0090-2L
2801.00	cut	Ca : w	0.06	0.03	0.37	0.08	0.09	33	411	0.1	0.67	353	0092-3L
2840.00	cut	Ca : w	2.18	0.79	1.09	0.72	0.77	103	142	3.0	0.73	396	0094-3L
2879.00	cut	Ca : w	0.24	0.13	1.05	0.12	0.37	35	284	0.4	0.65	389	0096-3L
2918.00	cut	Marl : gy red	0.18	0.16	1.02	0.16	0.70	23	146	0.3	0.53	371	0098-4L
2942.00	cut	Marl : gy red	0.07	0.02	0.69	0.03	0.28	7	246	0.1	0.78	-	0099-4L

Table 2 : Rock-Eval table for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2978.00	cut	Ca : w to gy pi	0.26	0.24	0.42	0.57	0.47	51	89	0.5	0.52	367	0101-3L
3020.00	cut	Ca : w to gy pi	0.06	0.02	0.76	0.03	0.58	3	131	0.1	0.75	-	0103-2L
3101.00	cut	Ca : w to gy pi	0.18	0.11	1.22	0.09	0.67	16	182	0.3	0.62	369	0107-2L
3119.00	cut	Ca : w to gy pi, pl y brn	0.23	0.16	0.81	0.20	0.42	38	193	0.4	0.59	393	0108-2L
3140.00	cut	Ca : w to gy pi, pl y brn	0.11	0.09	0.39	0.23	0.29	31	134	0.2	0.55	348	0109-1L
3146.00	cut	Ca : w to lt gy	0.24	0.12	0.27	0.44	0.26	46	104	0.4	0.67	345	0110-1L
3152.00	cut	Ca : w to lt gy	1.32	0.44	0.38	1.16	0.34	129	112	1.8	0.75	387	0111-1L
3155.00	cut	Ca : w to lt gy	0.79	0.38	0.33	1.15	0.41	93	80	1.2	0.68	362	0112-1L
3161.00	cut	Sh/Clst: drk gy to brn blk	1.86	7.42	0.51	14.55	2.88	258	18	9.3	0.20	434	0113-4L
3164.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	1.99	11.69	0.62	18.85	3.66	319	17	13.7	0.15	433	0114-4L
3170.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	1.54	10.75	0.68	15.81	3.46	311	20	12.3	0.13	432	0115-4L
3176.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	2.12	14.86	0.84	17.69	5.06	294	17	17.0	0.12	430	0116-4L
3182.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	2.04	17.10	1.04	16.44	4.59	373	23	19.1	0.11	428	0117-3L

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3185.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	2.33	19.25	1.13	17.04	5.41	356	21	21.6	0.11	430	0118-3L
3191.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	1.77	13.47	1.08	12.47	3.95	341	27	15.2	0.12	429	0119-3L
3194.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	1.85	14.70	1.12	13.13	4.25	346	26	16.5	0.11	429	0120-3L
3200.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	2.10	9.91	1.13	8.77	3.38	293	33	12.0	0.17	435	0121-3L
3203.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	1.68	8.49	0.76	11.17	3.43	248	22	10.2	0.17	432	0122-3L
3209.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	1.95	11.88	0.94	12.64	3.77	315	25	13.8	0.14	431	0123-3L
3215.00	cut	S/Sst : lt brn gy	0.19	0.35	0.50	0.70	0.55	64	91	0.5	0.35	435	0124-4L
3221.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	1.89	10.27	0.39	26.33	3.66	281	11	12.2	0.16	432	0125-1L
3221.00	cut	S/Sst : lt brn to lt brn gy	0.49	0.76	0.90	0.84	0.72	106	125	1.3	0.39	419	0125-3L
3226.30	ccp	S/Sst : pl y brn	4.89	3.04	0.31	9.81	0.92	330	34	7.9	0.62	418	0145-1L
3230.90	ccp	Sh/Clst: brn gy	0.28	0.72	0.18	4.00	0.56	129	32	1.0	0.28	434	0146-1L

Table 2 : Rock-Eval table for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3235.80	ccp	Sltst : brn gy	0.55	1.17	0.22	5.32	0.61	192	36	1.7	0.32	437	0147-1L
3240.90	ccp	S/Sst : w to pl y brn	0.33	0.23	0.08	2.88	0.14	164	57	0.6	0.59	533	0148-1L
3246.40	ccp	S/Sst : w to pl y brn	0.34	0.28	0.08	3.50	0.08	350	100	0.6	0.55	451	0149-1L
3254.00	cut	S/Sst : lt brn to lt brn gy	0.15	0.34	0.13	2.62	0.27	126	48	0.5	0.31	430	0128-3L
3266.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	2.39	13.41	0.48	27.94	4.18	321	11	15.8	0.15	431	0130-1L
3272.00	ccp	S/Sst : w to lt brn gy	0.38	0.12	0.35	0.34	0.37	32	95	0.5	0.76	434	0132-1L
3277.00	ccp	S/Sst : w to lt brn gy	0.33	0.12	0.14	0.86	0.29	41	48	0.5	0.73	360	0133-1L
3282.00	ccp	S/Sst : w to lt brn gy	0.29	0.16	0.14	1.14	0.20	80	70	0.4	0.64	400	0134-1L
3287.00	ccp	S/Sst : w to lt brn gy	0.19	0.08	0.16	0.50	0.17	47	94	0.3	0.70	363	0135-1L
3292.00	ccp	S/Sst : w to lt brn gy	0.27	0.13	0.13	1.00	0.16	81	81	0.4	0.68	343	0136-1L
3297.00	ccp	S/Sst : w to lt brn gy	0.47	0.22	0.16	1.38	0.18	122	89	0.7	0.68	358	0137-1L
3302.00	ccp	S/Sst : w to lt brn gy	0.33	0.17	0.10	1.70	1.26	13	8	0.5	0.66	352	0138-1L
3307.00	ccp	S/Sst : w to lt brn gy	-	0.08	0.29	0.28	0.19	42	153	0.1	-	436	0139-1L
3341.00	cut	S/Sst : lt brn to lt brn gy	0.23	0.41	0.22	1.86	0.33	124	67	0.6	0.36	429	0142-3L

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3359.00	cut	S/Sst : lt brn to lt brn gy	0.19	0.23	0.24	0.96	0.33	70	73	0.4	0.45	418	0144-3L
3422.00	cut	S/Sst : lt brn	0.04	0.04	0.29	0.14	0.12	33	242	0.1	0.50	417	0151-3L
3440.00	cut	S/Sst : lt brn	0.04	-	0.23	-	0.11	-	209	-	1.00	-	0153-3L
3458.00	cut	S/Sst : lt brn	0.05	-	0.32	-	0.11	-	291	0.1	1.00	-	0155-3L
3479.00	cut	S/Sst : lt brn	0.04	0.02	0.27	0.07	0.10	20	270	0.1	0.67	-	0157-3L
3500.00	cut	S/Sst : lt brn	0.06	0.02	0.21	0.10	0.13	15	162	0.1	0.75	-	0159-3L

Table 3 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
1100.00	cut	Sltst : pl y brn	5.04	14.85	44.27	35.85	5.82	0006-3L
1180.00	cut	Sltst : pl y brn to gy brn to dsk brn	5.77	14.38	46.85	32.99	6.35	0010-2L
1660.00	cut	Sh/Clst: gy brn, lt brn gy	6.86	23.29	52.50	17.36	2.13	0034-2L
1800.00	com	bulk	8.47	17.61	59.70	14.22	1.46	0163-0B
2220.00	com	bulk	9.36	33.55	51.31	5.57	0.73	0175-0B
2840.00	cut	Ca : w	10.54	28.72	55.39	5.35	0.79	0094-3L
2918.00	cut	Marl : gy red	11.17	33.73	51.51	3.59	0.16	0098-4L
3101.00	cut	Ca : w to gy pi	15.66	30.80	50.83	2.71	0.11	0107-2L
3152.00	cut	Ca : w to lt gy	12.05	34.06	41.53	12.36	0.44	0111-1L
3161.00	cut	Sh/Clst: drk gy to brn blk	4.51	15.94	37.17	42.38	7.42	0113-4L
3176.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	4.38	11.26	34.04	50.32	14.86	0116-4L
3200.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	7.39	10.59	37.29	44.72	9.91	0121-3L
3215.00	cut	S/Sst : lt brn gy	8.00	24.03	44.81	23.17	0.35	0124-4L

Table 3 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
3221.00	cut	S/Sst : lt brn to lt brn gy	9.28	21.17	46.74	22.82	0.76	0125-3L
3226.30	ccp	S/Sst : pl y brn	2.97	8.21	15.34	73.48	3.04	0145-1L
3230.90	ccp	Sh/Clst: brn gy	7.99	27.87	52.22	11.91	0.72	0146-1L
3235.80	ccp	Sltst : brn gy	5.59	24.06	51.61	18.74	1.17	0147-1L
3266.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	4.98	12.32	34.71	47.99	13.41	0130-1L
3272.00	ccp	S/Sst : w to lt brn gy	9.20	20.26	31.61	38.93	0.12	0132-1L
3297.00	ccp	S/Sst : w to lt brn gy	9.32	21.93	32.59	36.16	0.22	0137-1L
3359.00	cut	S/Sst : lt brn to lt brn gy	9.79	28.85	48.83	12.52	0.23	0144-3L

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 15/6-4

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
2879.00	com	Composite sample - see table 4 e	1.6	1.8	-	-	-	-	-	-	0.22	0183-0B
3152.00	cut	Ca : w to lt gy	2.8	10.9	6.0	2.0	0.8	2.1	8.0	2.9	0.49	0111-1L
3170.00	com	Composite sample - see table 4 e	1.9	4.1	2.0	1.2	0.6	0.3	3.2	0.9	3.85	0184-0B
3226.30	ccp	S/Sst : pl y brn	6.7	54.4	34.7	9.3	1.0	9.3	44.0	10.4	1.00	0145-1L
3235.80	ccp	Sltst : brn gy	12.0	5.6	0.9	1.8	0.5	2.4	2.7	2.9	0.69	0147-1L
3272.00	ccp	S/Sst : w to lt brn gy	11.4	8.9	3.9	1.6	0.5	2.8	5.6	3.3	0.13	0132-1L
3297.00	ccp	S/Sst : w to lt brn gy	11.4	11.3	5.6	2.3	1.1	2.3	7.9	3.4	0.16	0137-1L

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2879.00	com	Composite sample - see table 4 e	1125	-	-	-	-	-	-	0183-0B
3152.00	cut	Ca : w to lt gy	3833	2120	689	282	742	2809	1024	0111-1L
3170.00	com	Composite sample - see table 4 e	2131	1026	631	315	157	1657	473	0184-0B
3226.30	ccp	S/Sst : pl y brn	8113	5177	1391	155	1389	6568	1544	0145-1L
3235.80	ccp	Sltst : brn gy	467	75	150	41	200	225	242	0147-1L
3272.00	ccp	S/Sst : w to lt brn gy	782	343	145	43	250	488	294	0132-1L
3297.00	ccp	S/Sst : w to lt brn gy	986	485	200	100	200	686	300	0137-1L

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2879.00	com	Composite sample - see table 4 e	511.36	-	-	-	-	-	-	0183-0B
3152.00	cut	Ca : w to lt gy	782.43	432.68	140.62	57.69	151.44	573.30	209.13	0111-1L
3170.00	com	Composite sample - see table 4 e	55.37	26.66	16.40	8.20	4.10	43.06	12.30	0184-0B
3226.30	ccp	S/Sst : pl y brn	811.34	517.76	139.10	15.52	138.96	656.87	154.48	0145-1L
3235.80	ccp	Sltst : brn gy	67.80	10.90	21.79	6.05	29.06	32.69	35.11	0147-1L
3272.00	ccp	S/Sst : w to lt brn gy	602.12	263.85	111.63	33.83	192.82	375.48	226.64	0132-1L
3297.00	ccp	S/Sst : w to lt brn gy	616.81	303.49	125.55	62.77	125.00	429.04	187.77	0137-1L

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 15/6-4

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	
2879.00	com	Composite sample - see table 4 e	-	-	-	-	-	-	-	-	0183-0B
3152.00	cut	Ca : w to lt gy	55.30	17.97	7.37	19.35	73.27	26.73	307.69	274.14	0111-1L
3170.00	com	Composite sample - see table 4 e	48.15	29.63	14.81	7.41	77.78	22.22	162.50	350.00	0184-0B
3226.30	ccp	S/Sst : pl y brn	63.82	17.14	1.91	17.13	80.96	19.04	372.21	425.22	0145-1L
3235.80	ccp	Sltst : brn gy	16.07	32.14	8.93	42.86	48.21	51.79	50.00	93.10	0147-1L
3272.00	ccp	S/Sst : w to lt brn gy	43.82	18.54	5.62	32.02	62.36	37.64	236.36	165.67	0132-1L
3297.00	ccp	S/Sst : w to lt brn gy	49.20	20.35	10.18	20.27	69.56	30.44	241.74	228.49	0137-1L

Depth unit of measure: m

NOTE: Depths shown in tables 4 a to d correspond to the composite samples' lower depth.

Upper depth	Lower depth	Typ	Sample	Depth	Typ	Lithology	Sample
2840.00	2879.00	com	0183-0B is composed of:	2840.00	cut	Ca : w	0094-3L
				2861.00	cut	Ca : w	0095-3L
				2879.00	cut	Ca : w	0096-3L
3164.00	3170.00	com	0184-0B is composed of:	3164.00	cut	Sh/Clst: drk gy to dsk brn to brn blk, slt	0114-4L
				3170.00	cut	Sh/Clst: drk gy to dsk brn to brn blk, slt	0115-4L

Table 5: Saturated Hydrocarbon Ratios for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
2879.00	com bulk *		0.79	0.89	0.89	0.71	1.50	0183-0B
3152.00	cut Ca	: w to lt gy	1.25	1.46	0.65	0.89	1.12	0111-1L
3170.00	com bulk		0.76	2.56	0.69	0.55	1.25	0184-0B
3226.30	ccp S/Sst	: pl y brn	0.64	1.40	0.43	0.29	1.12	0145-1L
3235.80	ccp Sltst	: brn gy	0.66	3.42	0.57	0.40	1.47	0147-1L
3272.00	ccp S/Sst	: w to lt brn gy	0.68	1.83	0.48	0.32	1.13	0132-1L
3297.00	ccp S/Sst	: w to lt brn gy	0.64	2.39	0.44	0.25	1.14	0137-1L

* Note: data for this sample are calculated from EOM GC chromatogram. CPI is considered unreliable due to low peak heights C27-C32.

Table 6a: Aromatic Hydrocarbon Ratios for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT (3+2) /1MDBT	Sample
3152.00	cut	Ca : w to lt gy	-	-	-	0.72	0.86	1.02	0.92	-	-	0111-1L
3170.00	com	bulk	-	1.21	-	0.16	0.36	0.13	0.62	-	1.54	0184-0B
3226.30	ccp	S/Sst : pl y brn	-	-	-	0.80	0.86	1.03	0.92	0.32	12.65	0145-1L
3235.80	ccp	Sltst : brn gy	1.51	19.40	0.31	0.80	0.72	0.87	0.83	0.36	21.77	0147-1L
3272.00	ccp	S/Sst : w to lt brn gy	-	3.62	-	0.84	0.95	1.08	0.97	0.45	9.53	0132-1L
3297.00	ccp	S/Sst : w to lt brn gy	-	2.67	-	0.80	0.85	1.01	0.91	0.42	13.39	0137-1L

Table 6b: Aromatic Hydrocarbon Ratios for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
3152.00	cut	Ca : w to lt gy	0.42	0.25	0111-1L
3170.00	com	bulk	0.33	0.06	0184-0B
3226.30	ccp	S/Sst : pl y brn	0.44	0.26	0145-1L
3235.80	ccp	Sltst : brn gy	0.46	0.28	0147-1L
3272.00	ccp	S/Sst : w to lt brn gy	0.46	0.26	0132-1L
3297.00	ccp	S/Sst : w to lt brn gy	0.44	0.26	0137-1L

Table 7 : Thermal Maturity Data for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
1100.00	cut	Sltst : pl y brn	-	-	-	-	3.5-4.0(?)	423	0006-3L
1140.00	cut	Sltst : pl y brn	0.27	5	0.02	-	-	419	0008-2L
1260.00	cut	Sltst : pl y brn to gy brn	0.29	8	0.02	-	-	418	0014-2L
1330.00	cut	Sltst : pl y brn to gy brn	-	-	-	-	3.5-4.0	423	0018-2L
1380.00	cut	Sltst : pl y brn to gy brn to dsk brn	0.30	8	0.03	-	-	416	0020-2L
1480.00	cut	Sltst : pl y brn to gy brn to dsk brn	-	-	-	-	4.0	421	0025-2L
1620.00	cut	Sh/Clst: gy brn, lt brn gy	0.38	4	0.01	-	4.0-4.5	427	0032-2L
1800.00	com	bulk	-	-	-	-	4.5	428	0163-0B
1960.00	com	bulk	-	-	-	-	4.5-5.0(?)	422	0167-0B
2080.00	com	bulk	-	-	-	-	5.0(??)	426	0170-0B
2220.00	com	bulk	-	-	-	-	4.0-4.5	424	0175-0B
2340.00	com	bulk	-	-	-	-	4.5	420	0179-0B
2480.00	cut	bulk	-	-	-	-	5.0-5.5	428	0076-0B

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
2550.00	com bulk	-	-	-	-	4.5-5.5	421	0180-0B
2618.00	com bulk	-	-	-	-	5.5-6.0	421	0181-0B
2762.00	cut Sh/Clst: pl ol to dsk y gn	-	-	-	-	6.0	421	0090-2L
2780.00	cut Sh/Clst: lt gy to m gy, lt brn gy to brn gy to gy red	0.38	7	0.04	-	-	-	0091-1L
2918.00	cut Marl : gy red	-	-	-	-	NDP	371	0098-4L
3164.00	cut Sh/Clst: drk gy to dsk brn to brn blk	0.44	16	0.05	-	6.0-6.5	433	0114-4L
3176.00	cut Sh/Clst: drk gy to dsk brn to brn blk	-	-	-	-	6.5	430	0116-4L
3194.00	cut Sh/Clst: drk gy to dsk brn to brn blk	0.46	12	0.04	-	-	429	0120-3L
3200.00	cut Sh/Clst: drk gy to dsk brn to brn blk	-	-	-	-	6.5	435	0121-3L
3221.00	cut Sh/Clst: drk gy to dsk brn to brn blk	0.52	12	0.07	-	-	432	0125-1L
3230.90	ccp Sh/Clst: brn gy	-	-	-	-	6.0-6.5	434	0146-1L

Table 7 : Thermal Maturity Data for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
3235.80	ccp Sltst : brn gy	-	-	-	-	6.0-6.5	437	0147-1L
3251.00	cut Sh/Clst: drk gy to dsk brn to brn blk	0.52	15	0.07	-	-	-	0127-1L
3266.00	cut Sh/Clst: drk gy to dsk brn to brn blk	-	-	-	-	6.5-7.0	431	0130-1L
3320.00	cut Sh/Clst: drk gy to dsk brn to brn blk	0.55	8	0.07	-	-	-	0140-1L
3410.00	cut Sh/Clst: drk gy to dsk brn to brn blk	0.43	14	0.04	-	-	-	0150-1L
3500.00	cut Sh/Clst: drk gy to dsk brn to brn blk	0.44	10	0.04	-	-	-	0159-1L

Table 8 : Visual Kerogen Composition Data for well NOCS 15/6-4

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	%	n	s	t	n	o	I		%	n
1100.00	cut	Sltst : pl y brn	85	**	*	*		* *	5	*	**			10	*	**		0006-3L		
1330.00	cut	Sltst : pl y brn to gy brn	75	**	**	*		* *	5	*	**			20	*	**		0018-2L		
1480.00	cut	Sltst : pl y brn to gy brn to dsk brn	70	**	**	*		* *	5		* **			25	*	*		0025-2L		
1620.00	cut	Sh/Clst: gy brn, lt brn gy	50	*	**	**	*	* *	10		** *			40	**	* *		0032-2L		
1800.00	com	bulk	55	*	**	**	*	* *	10		** *			35	**	* *		0163-0B		
1960.00	com	bulk	70	*	**	*		* *	10		* **			20	*	**		0167-0B		
2080.00	com	bulk	90	*	**	*		* **	5		* **			5	*	**		0170-0B		
2220.00	com	bulk	80	*	**	**		* *	10		* **			10	*	**		0175-0B		
2340.00	com	bulk	60	*	**	*		*	30	*	* **			10	*	**		0179-0B		
2480.00	cut	bulk	50	*	**	*		* *	5		** *			45	**	* *		0076-0B		
2550.00	com	bulk	55	*	**	**		* *	25		** *			20	**	* *		0180-0B		
2618.00	com	bulk	60	*	**	*		*	25	*	* **			15	*	**		0181-0B		

Table 8 : Visual Kerogen Composition Data for well NOCS 15/6-4

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	%	n
2762.00	cut	Sh/Clst: pl ol to dsk y gn	80	**	*			*	15	*	**			5	*	**		0090-2L				
2918.00	cut	Marl : gy red	NDP	**	*			*	NDP	*				NDP		*		0098-4L				
3164.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	80	**	*	*		* *	15	*	**			5	*	**		0114-4L				
3176.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	55	**	*	*		*	35	*	*	*		10	*	**		0116-4L				
3200.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	70	**	*	**	*	* *	20	*	**			10	*	**		0121-3L				
3230.90	ccp	Sh/Clst: brn gy	50		**	*		?	20	**	*			30	**	*	*	0146-1L				
3235.80	ccp	Sltst : brn gy	50		**	*		?	25	**	*			25	**	*	*	0147-1L				
3266.00	cut	Sh/Clst: drk gy to dsk brn to brn blk	70	**	*	*		* *	20	*	*	**		10	*	**		0130-1L				

Table 9a: Tabulation of carbon isotope data for EOM/EOM - fractions for well NOCS 15/6-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
3152.00	cut	Ca	-	-27.59	-26.01	-26.59	-25.83	-	0111-1
3170.00	com	Composite sample	-	-28.19	-27.07	-27.74	-26.88	-	0184-0
3226.30	ccp	S/Sst	-27.21	-27.55	-25.59	-26.43	-25.65	-	0145-1
3297.00	ccp	S/Sst	-26.53	-27.19	-25.79	-25.89	-25.38	-	0137-1

Table 9b: Tabulation of cv values from carbon isotope data for well NOCS 15/6-4

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>Saturated</u>	<u>Aromatic</u>	<u>cv value</u>	<u>Interpretation</u>	<u>Sample</u>
3152.00	cut	Ca	-27.59	-26.01	0.41	Marine	0111-1
3170.00	com	Composite sample	-28.19	-27.07	-0.42	Marine	0184-0
3226.30	ccp	S/Sst	-27.55	-25.59	1.24	Terrigenous	0145-1
3297.00	ccp	S/Sst	-27.19	-25.79	-0.11	Marine	0137-1

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Rat.10	Rat.11	Rat.12	Rat.13	Rat.14	Sample
3152.00	Ca	2.19	0.69	0.18	0.75	0.43	0.12	0.14	0.19	0.13	0.03	0.88	0.42	0.12	60.29	0111-1
3170.00	Sh/Clst	3.01	0.75	0.18	0.59	0.37	0.04	0.06	0.09	0.05	0.04	0.85	0.37	0.17	57.88	0184-0
3226.30	S/Sst	1.30	0.57	0.14	0.54	0.35	0.11	0.10	0.19	0.09	0.03	0.92	0.35	0.08	61.41	0145-1
3297.00	S/Sst	2.12	0.68	0.16	0.66	0.40	0.07	0.10	0.15	0.09	0.08	0.92	0.39	0.08	62.78	0137-1

List of Triterpane Distribution Ratios

Ratio 1: B / A

Ratio 2: $B / B+A$

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

Ratio 4: C / E

Ratio 5: $C / C+E$

Ratio 6: X / E

Ratio 7: Z / E

Ratio 8: Z / C

Ratio 9: $Z / Z+E$

Ratio 10: Q / E

Ratio 11: $E / E+F$

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

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

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

Table 10b: Variation in Sterane Distribution (peak height) SIR for Well NOCS 15/6-4

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>
3152.00	Ca	0.85	40.76	76.89	0.76	0.80	0.12	0.09	0.62	0.69	2.81	0111-1
3170.00	Sh/Clst	0.57	34.17	47.32	1.05	0.57	0.16	0.12	0.31	0.52	0.68	0184-0
3226.30	S/Sst	0.86	47.20	77.97	0.80	0.79	0.20	0.13	0.64	0.89	3.35	0145-1
3297.00	S/Sst	0.81	51.97	78.58	0.75	0.78	0.27	0.19	0.65	1.08	3.82	0137-1

List of Sterane Distribution Ratios

Ratio 1: $a / a+j$

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

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

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

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

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

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

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

Ratio 9: q / t

Ratio 10: $r+s / t$

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>
3152.00	Ca	0.49	0.39	0.26	0.25	0.41	0111-1
3170.00	Sh/Clst	0.30	0.18	0.09	0.12	0.15	0184-0
3226.30	S/Sst	0.59	0.51	0.35	0.33	0.51	0145-1
3297.00	S/Sst	0.53	0.45	0.30	0.28	0.47	0137-1

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 10d: Variation in Monoaromatic Sterane Distribution (peak height) for Well NOCS 15/6-4

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Sample</u>
3152.00	Ca	0.66	0.55	0.44	0.40	0111-1
3170.00	Sh/Clst	0.70	0.41	0.56	0.47	0184-0
3226.30	S/Sst	-	-	-	-	0145-1
3297.00	S/Sst	0.75	0.63	0.55	0.46	0137-1

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

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

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
3152.00	Ca	0.07	0.97	0111-1
3170.00	Sh/Clst	0.04	0.99	0184-0
3226.30	S/Sst	-	1.00	0145-1
3297.00	S/Sst	0.08	0.97	0137-1

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

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

Table 10f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 15/6-4

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				
3152.00	Ca	674.7	350.8	275.2	888.2	155.0	1160.0	2536.7	1474.1	7646.9	0111-1
		1220.3	825.7	10246.3	1379.7	5464.6	3758.3	912.9	3610.7	2378.6	
		2141.3	1345.6	1053.0	633.3	742.8	451.0				
3170.00	Sh/Clst	1491.4	462.9	351.5	580.7	138.1	1010.2	3045.0	636.8	6865.4	0184-0
		510.8	1102.0	11557.9	2099.3	4960.0	3353.3	1100.9	2290.7	1667.1	
		2004.5	1443.5	1217.5	832.3	777.4	592.5				
3226.30	S/Sst	230.0	157.3	84.9	321.4	42.6	609.0	793.4	471.4	2449.4	0145-1
		481.5	184.5	4568.4	406.2	2174.7	1355.1	227.8	1464.4	920.4	
		941.0	525.8	452.8	275.4	298.5	200.7				
3297.00	S/Sst	261.2	119.4	51.3	212.5	24.1	157.9	334.8	154.9	1034.0	0137-1
		110.2	67.0	1556.3	142.1	748.3	436.0	74.4	444.0	263.2	
		192.1	91.4	94.5	59.6	58.8	38.6				

Table 10g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 15/6-4

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					
3152.00	Ca	399.3	241.8	1939.8	1344.8	564.0	509.1	986.8	482.3	520.1	0111-1
		2700.9	652.7	329.4	1695.0	532.4	425.3	797.5	503.7		
		278.3	697.9	1590.9	1257.4	1014.2					
3170.00	Sh/Clst	1389.1	509.1	5018.8	3252.5	1313.2	1575.4	2251.0	1406.5	2590.3	0184-0
		5129.9	1480.4	3787.4	3322.3	1143.7	1016.6	995.2	987.0		
		2081.4	2366.2	2055.6	1053.8	4558.4					
3226.30	S/Sst	290.3	112.0	923.5	548.8	184.7	230.9	376.4	202.6	244.2	0145-1
		1161.7	491.1	148.3	661.6	235.9	193.9	315.3	411.0		
		118.2	278.4	578.3	465.4	311.4					
3297.00	S/Sst	130.8	60.2	302.6	189.9	54.3	69.9	115.3	82.5	76.6	0137-1
		387.8	152.5	72.3	244.9	94.4	60.3	94.3	127.8		
		51.2	93.2	185.8	143.2	86.1					

Table 10h: Raw triaromatic sterane data (peak height) m/z 231 for Well NOCS 15/6-4

Depth unit of measure: m

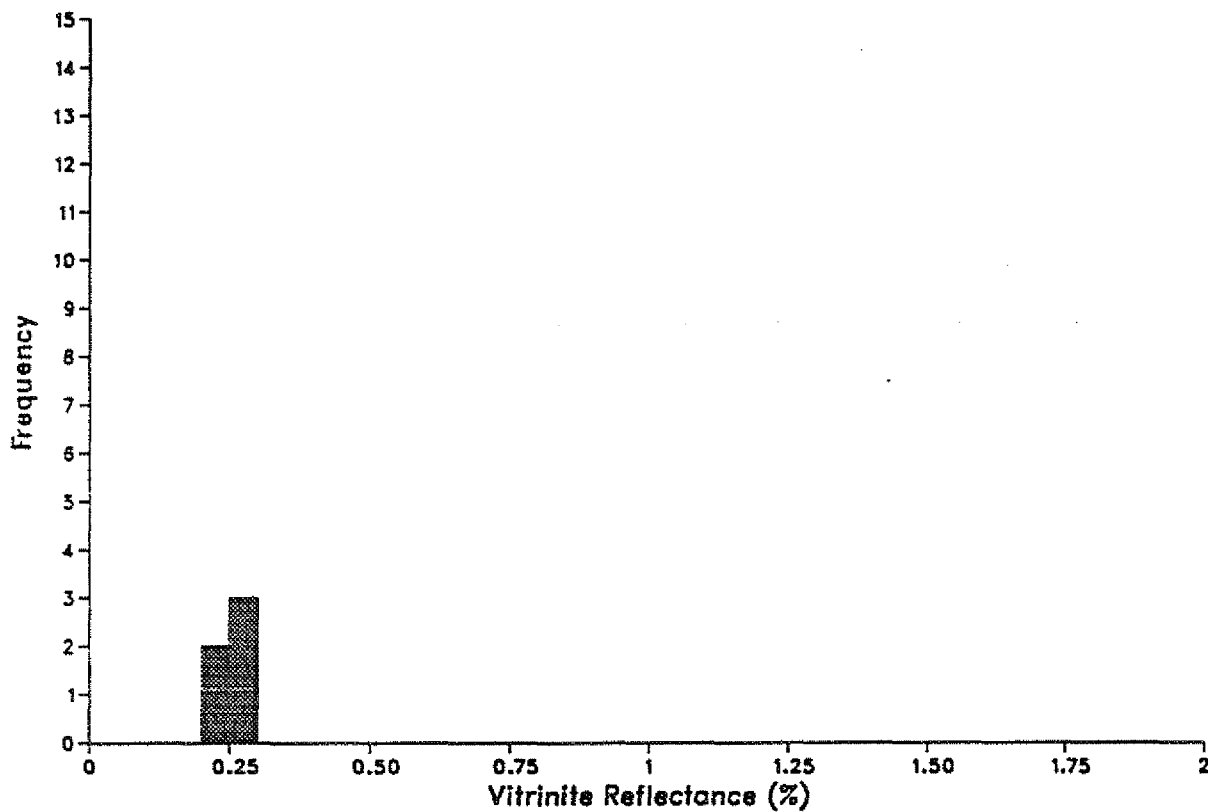
Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
3152.00	Ca	586.9	381.4	187.1	851.6	760.3	389.8	608.3	0111-1
3170.00	Sh/Clst	1043.3	540.4	2280.5	5835.5	2694.9	2862.2	2465.7	0184-0
3226.30	S/Sst	1073.1	764.2	193.3	1021.1	873.4	523.2	742.4	0145-1
3297.00	S/Sst	712.0	513.3	177.3	795.9	823.1	428.0	622.8	0137-1

Depth unit of measure: m

Depth	Lithology	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
3152.00	Ca	89.3	56.4	18.8	18.7	46.8	17.8	67.6	30.4	15.8	0111-1
3170.00	Sh/Clst	528.2	157.9	111.8	80.7	230.2	52.4	187.7	74.6	21.4	0184-0
3226.30	S/Sst	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0145-1
3297.00	S/Sst	123.2	71.3	26.4	27.9	41.6	23.9	58.4	35.4	18.7	0137-1

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
 Depth: 1140.00(m)

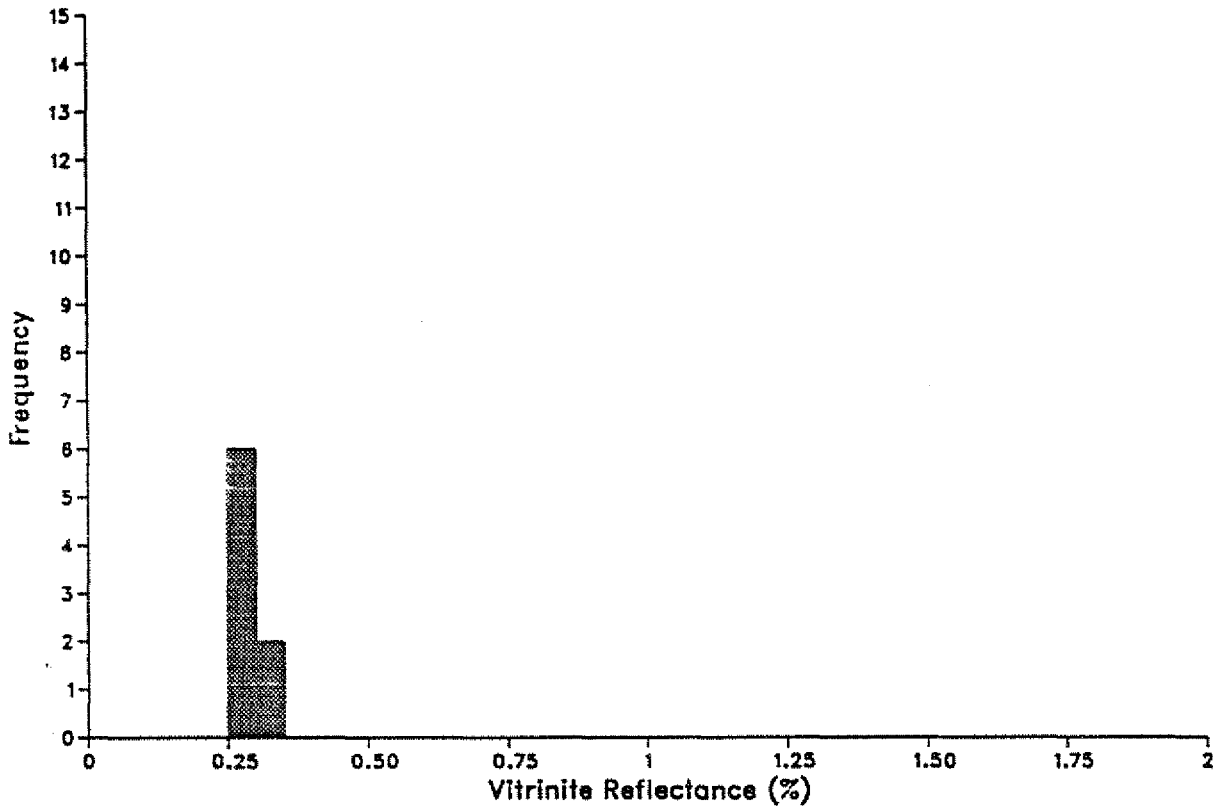


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.200 to 0.300):	0.27	0.02	5

Readings:
0.182 0.236 0.247 0.277 0.286 0.292

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
Depth: 1260.00(m)

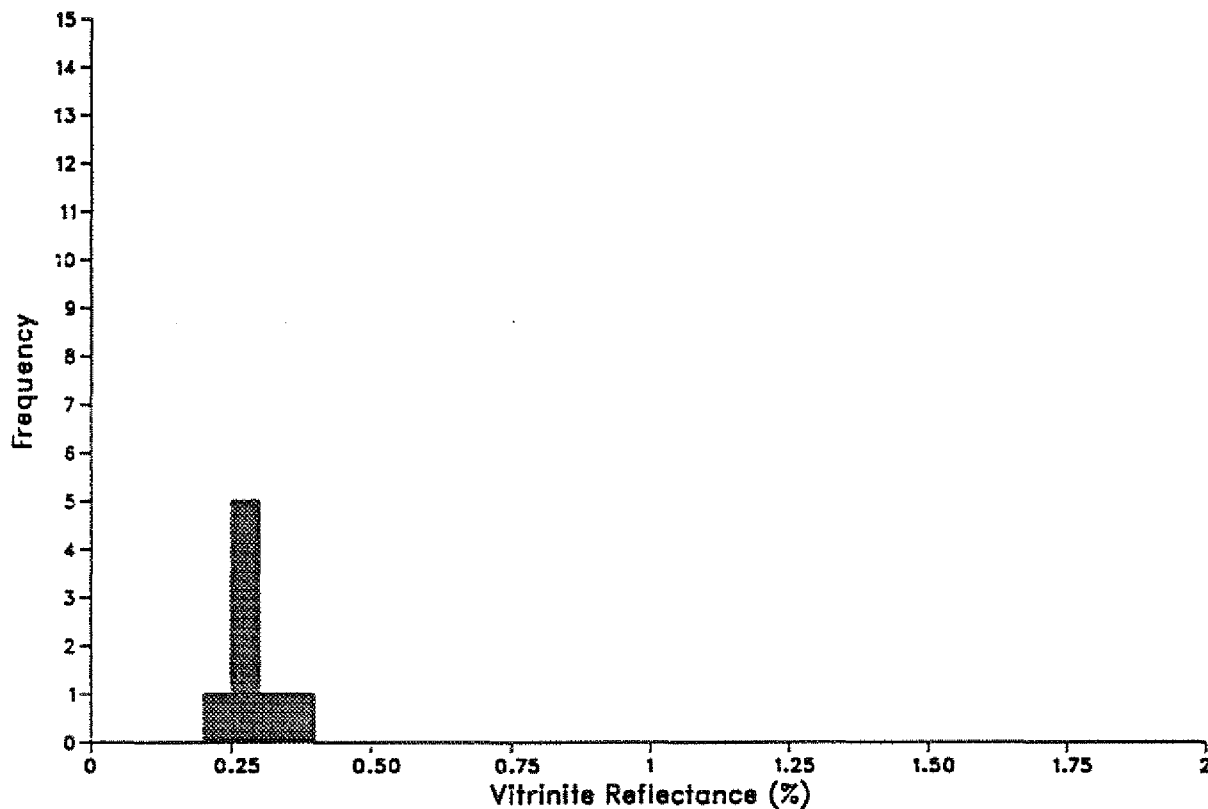


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.250 to 0.350):	0.29	0.02	8

Readings:
0.260 0.273 0.279 0.282 0.287 0.291 0.311 0.328

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
Depth: 1380.00(m)

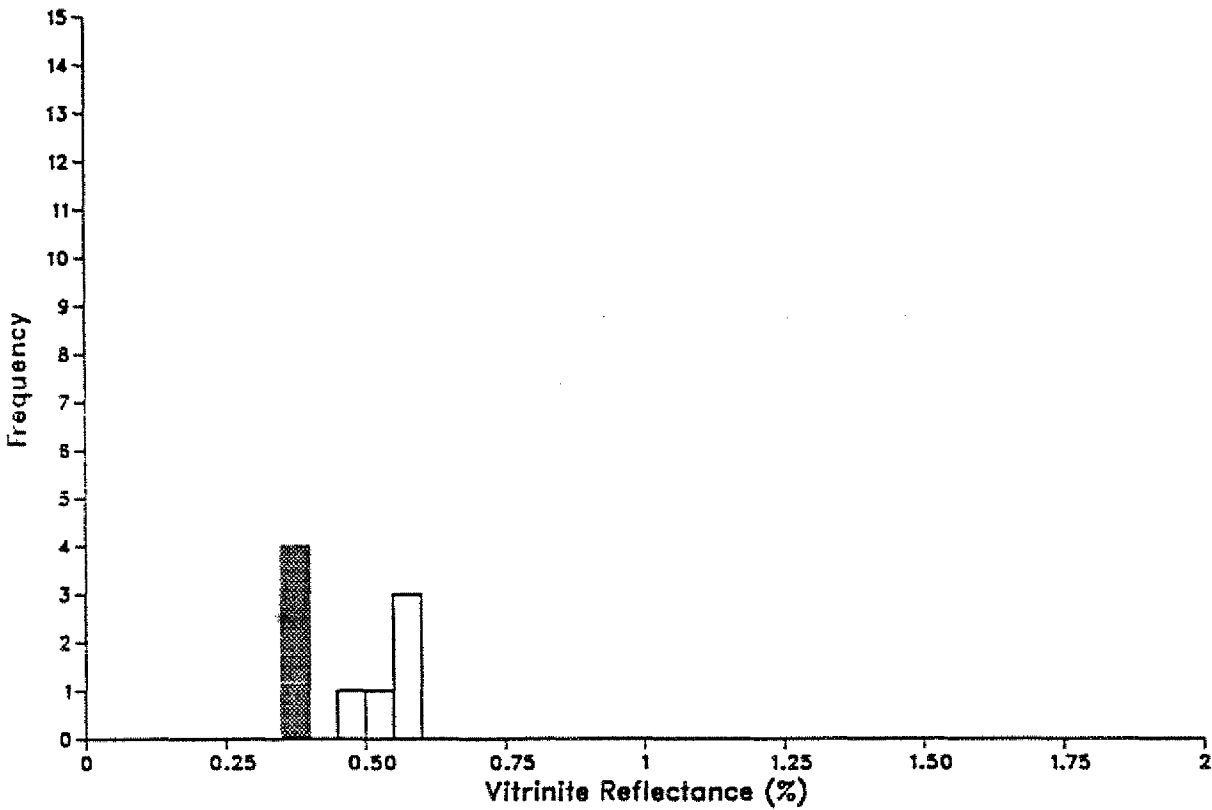


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.200 to 0.400):	0.30	0.03	8

Readings:
0.246 0.292 0.294 0.298 0.300 0.300 0.307 0.369

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
Depth: 1620.00(m)

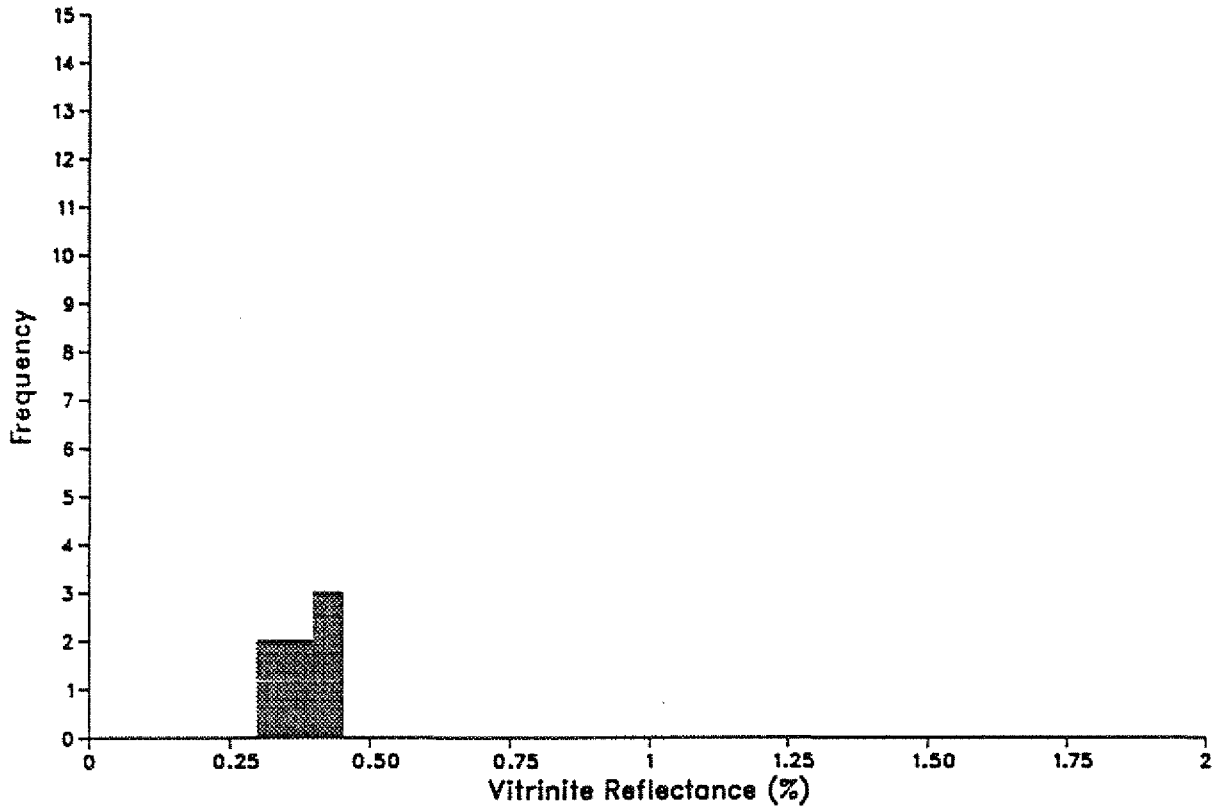


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.350 to 0.400):	0.38	0.01	4
Population Two (from 0.450 to 0.600):	0.55	0.04	5

Readings:
0.279 0.374 0.379 0.387 0.395 0.484 0.539 0.558 0.561 0.597

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
 Depth: 2780.00(m)

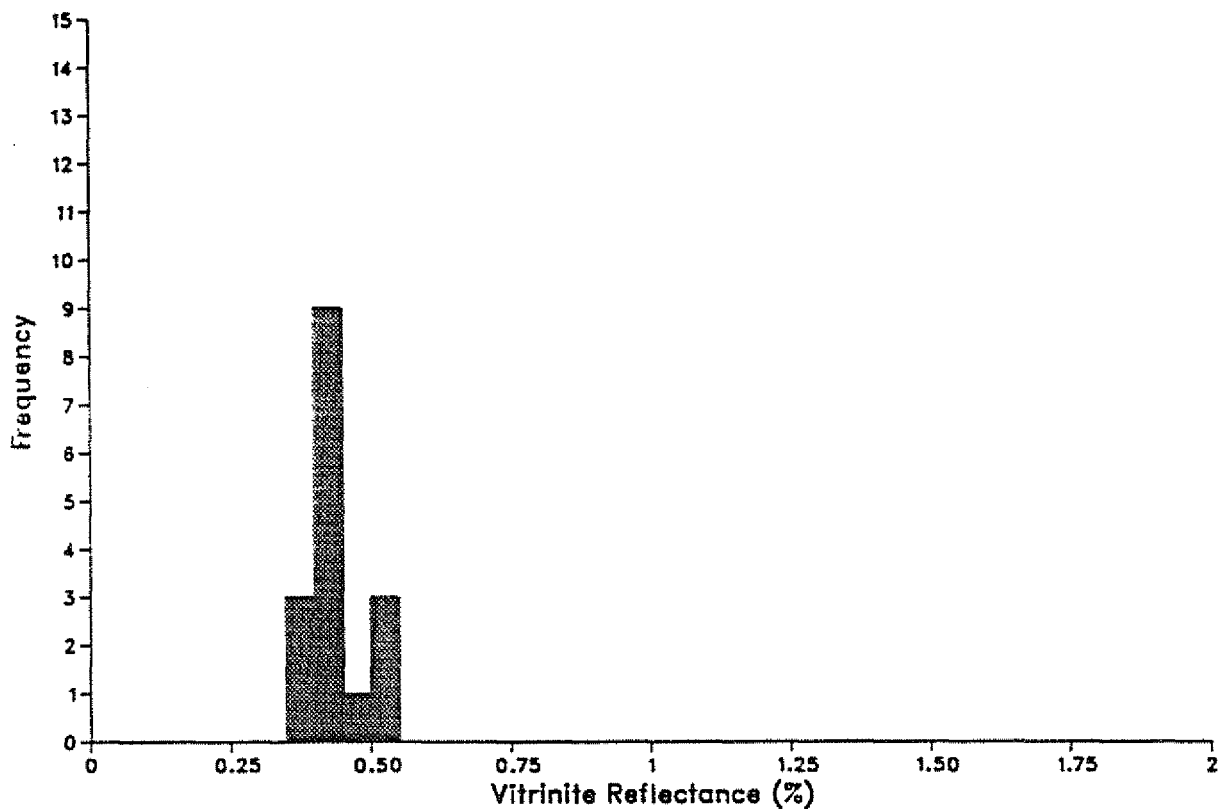


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.300 to 0.450):	0.38	0.04	7

Readings:
0.329 0.345 0.358 0.382 0.410 0.417 0.420 0.545 0.790

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
Depth: 3164.00(m)

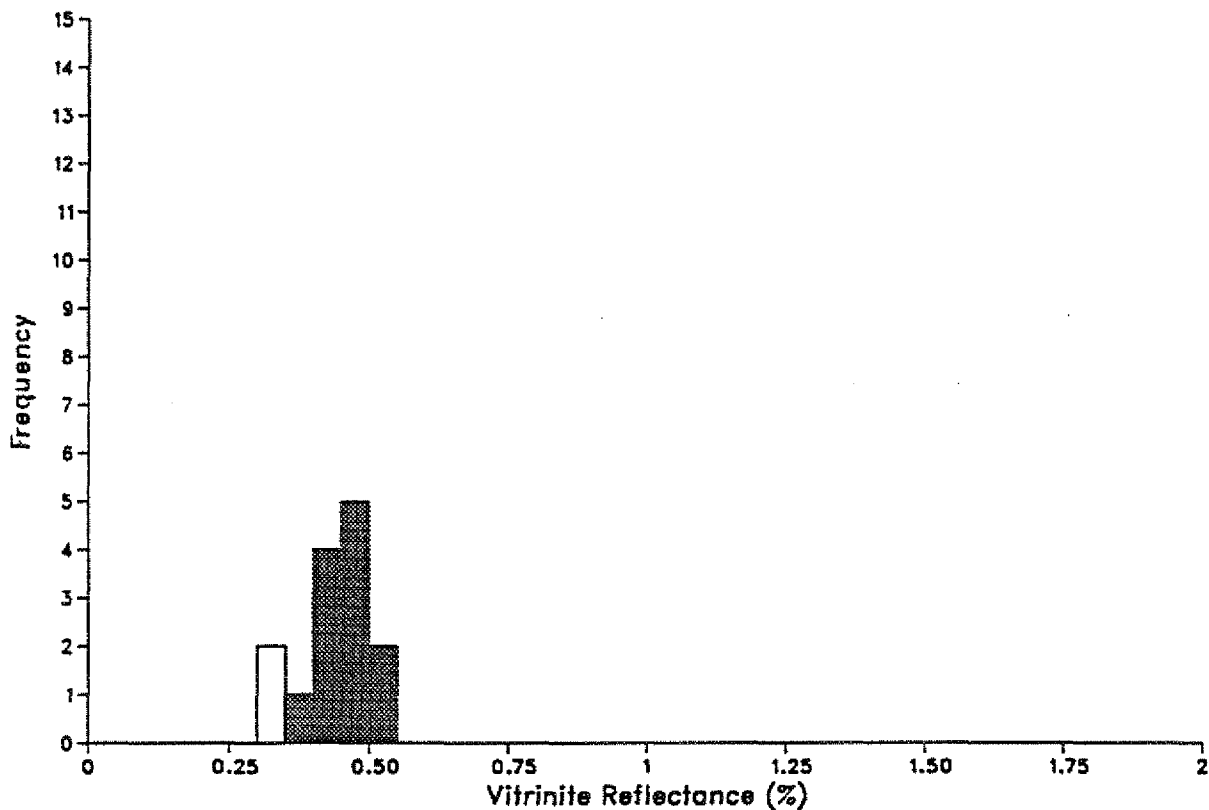


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.350 to 0.550):	0.44	0.05	16

Readings:									
0.345	0.351	0.387	0.396	0.401	0.408	0.417	0.419	0.421	0.431
0.431	0.443	0.445	0.459	0.506	0.534	0.548	0.632		

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
 Depth: 3194.00(m)

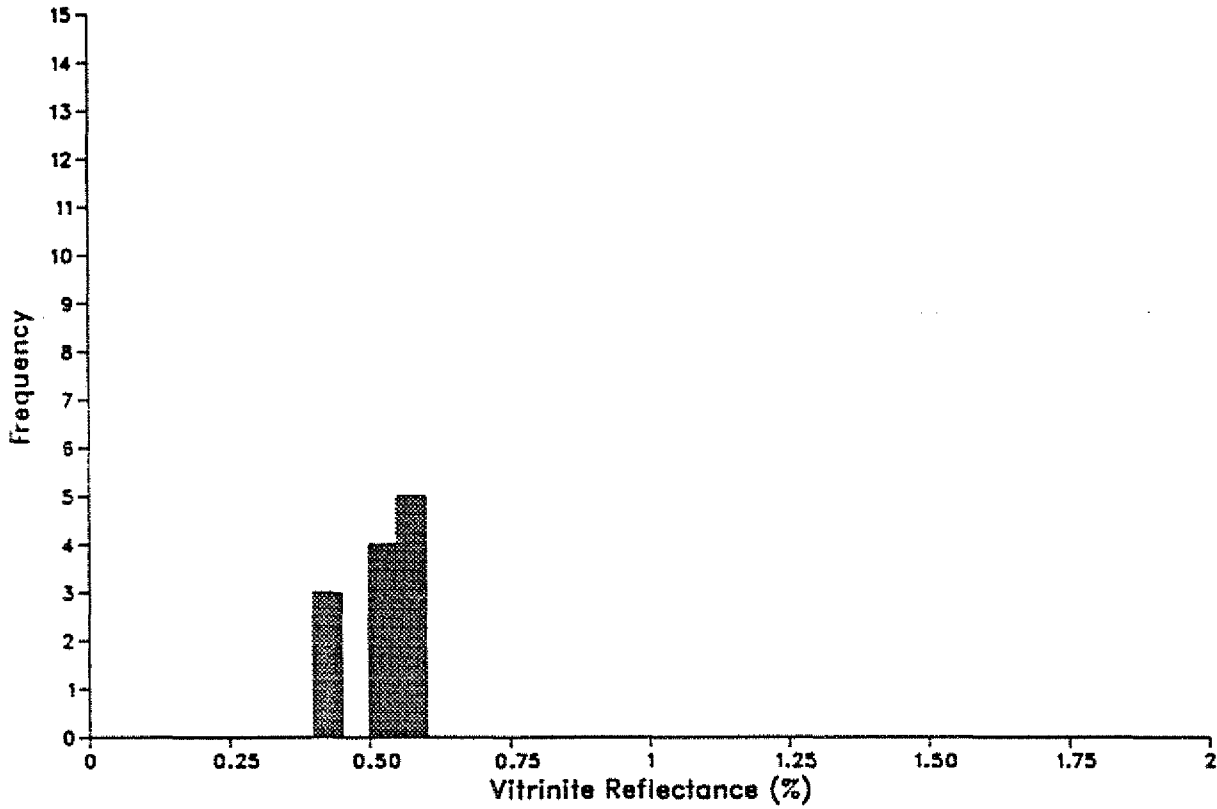


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.350 to 0.550):	0.46	0.04	12
Population Two (from 0.300 to 0.350):	0.34	0.01	2

Readings:									
0.329	0.346	0.356	0.432	0.433	0.435	0.445	0.454	0.462	0.474
0.475	0.497	0.503	0.514	0.631					

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
Depth: 3221.00(m)

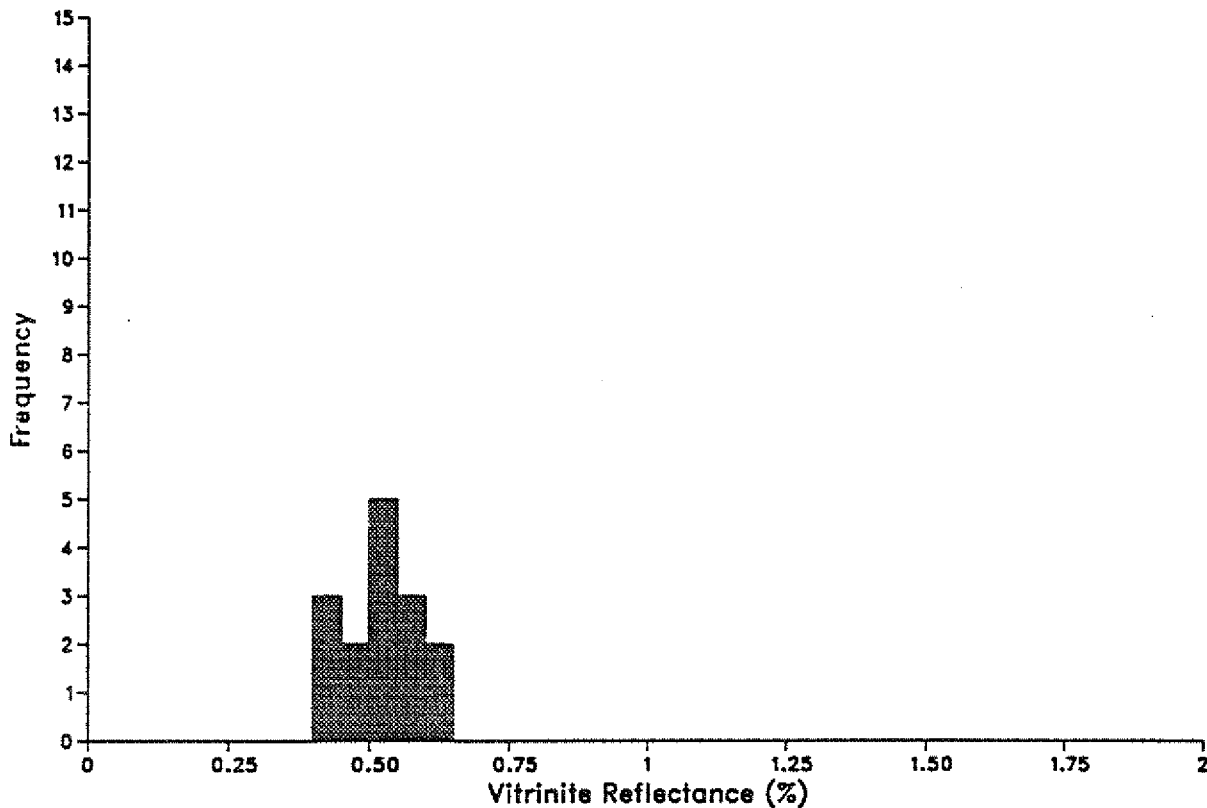


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.400 to 0.600):	0.52	0.07	12

Readings:									
0.350	0.411	0.420	0.435	0.504	0.524	0.545	0.549	0.559	0.569
0.574	0.578	0.595	0.636						

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
 Depth: 3251.00(m)

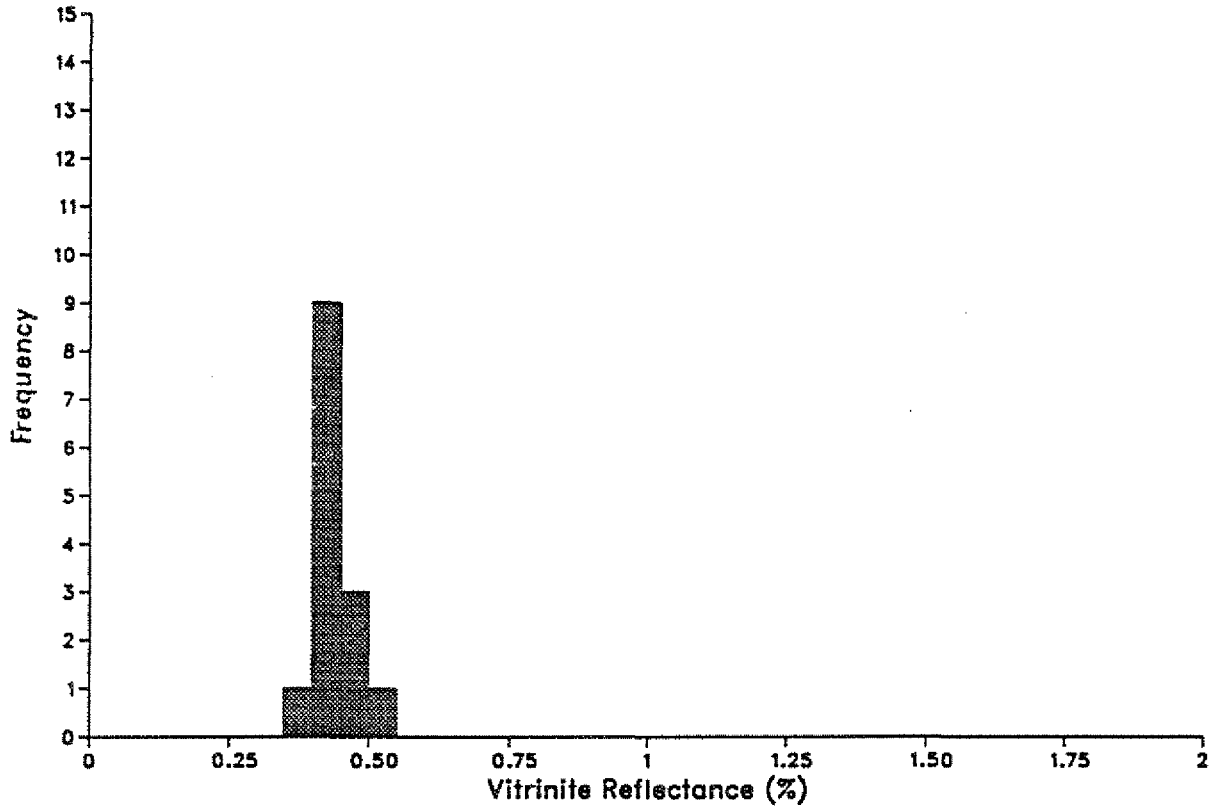


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.400 to 0.650):	0.52	0.07	15

Readings:									
0.393	0.405	0.439	0.448	0.473	0.492	0.517	0.518	0.523	0.531
0.536	0.553	0.564	0.565	0.637	0.644	0.684			

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
Depth: 3410.00(m)

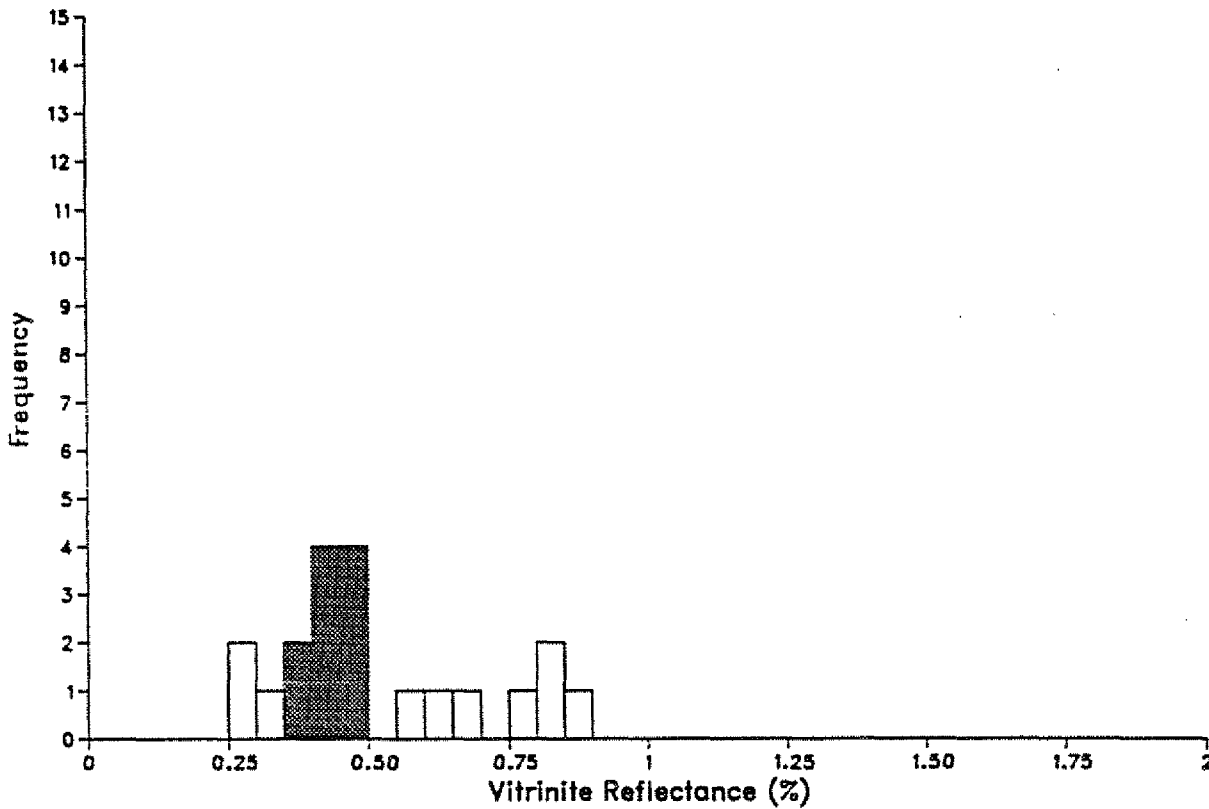


Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.350 to 0.550):	0.43	0.04	14

Readings:									
0.390	0.403	0.403	0.405	0.406	0.408	0.424	0.432	0.437	0.447
0.464	0.467	0.473	0.522						

Vitrinite Reflectance Histogram

Well: NOCS 15/6-4
Depth: 3500.00(m)



Statistics:	Mean	St.Dev.	n
Indigenous Population (from 0.350 to 0.500):	0.44	0.04	10
Population Two (from 0.250 to 0.350):	0.30	0.01	3
Population Three (from 0.550 to 0.700):	0.63	0.06	3
Population Four (from 0.750 to 0.900):	0.83	0.05	4

Readings:									
0.285	0.298	0.303	0.389	0.394	0.402	0.423	0.433	0.447	0.478
0.480	0.483	0.490	0.561	0.642	0.681	0.772	0.826	0.844	0.897