

Table 9C : Aromatic Hydrocarbon Ratios (peak area) for NOCS 24/12-3S Reservoir Study

Well	Description	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
24/12-3S	OIL 2398.4	2.26	2.69	0.19	1.33	0.62	0.73	0.77	-	-	-	O21/0002

Table 9C : Aromatic Hydrocarbon Ratios (peak area) for NOCS 24/12-3S Reservoir Study

Well	Description	F1	F2	Sample
24/12-3S	OIL 2398.4	0.47	0.27	O21/0002

Table 10A: Tabulation of carbon isotope data on oils for NOCS 24/12-3S Reservoir Study

<u>Well</u>	<u>Descript.</u>	<u>Whole oil</u>	<u>Topped oil</u>	<u>Saturated</u>	<u>Aromatic</u>	<u>NSO</u>	<u>Asphaltenes</u>	<u>Sample</u>
24/12-3S	OIL 2398.4	-29.68	-	-29.67	-29.15	-28.79	-28.62	O21/0002

Table 10B: Tabulation of cv values from carbon isotope data for NOCS 24/12-3S Reservoir Study

Well	Descript.	Saturated	Aromatic	cv value	Sample
24/12-3S	OIL 2398.4	-29.67	-29.15	-1.30	O21/0002

Table 11a: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 24/12-3S

Well	Descript.	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Rat.10	Rat.11	Rat.12	Rat.13	Rat.14	Sample
24/12-3S	OIL 2398.4	0.09	0.09	0.27	0.72	0.42	2.21	-	-	-	2.56	1.00	0.42	-	-	O21/0002

List of Triterpane Distribution Ratios

Ratio 1: $27Tm / 27Ts$

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 11b: Variation in Sterane Distribution (peak height) SIR for Well NOCS 24/12-3S

Well	Descript.	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
24/12-3S	OIL 2398.4	0.90	59.18	73.63	1.93	0.70	0.70	0.51	0.58	1.45	3.42	O21/0002

List of Sterane Distribution Ratios

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

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

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

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

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

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

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

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

Ratio 9: $29aaS / 29aaR$

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

Table 11c: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 24/12-3S

Well	Descript.	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28aß	25nor30aß	Sample
		29aß	29Ts	30d	29ßa	300	30aß	30ßa	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
24/12-3S	OIL 2398.4	405.3	400.7	178.4	172.6	131.8	605.5	56.6	0.0	0.0	O21/0002
		112.7	210.5	345.4	0.0	0.0	156.4	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Table 11d: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 24/12-3S

Well	Descript.	21a	22a	27dBS	27dBR	27daR	27daS	28dBS	28dBR	28daR*	Sample
		29dBS*	28daS*	27aaR	29dBR	29daR	28aaS	29daS*	28BS		
		28aaR	29aaS	29BR	29BS	29aaR					
24/12-3S	OIL 2398.4	996.2	262.5	1850.6	1006.5	437.2	396.3	601.1	518.6	270.3	O21/0002
		769.9	302.0	200.3	615.8	232.4	92.8	293.1	165.1		
		0.0	132.2	167.9	143.9	91.2					

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

Table 11e: Raw sterane data (peak height) m/z 218 SIR for Well NOCS 24/12-3S

Well	Descript.	27 β BR	27 β BS	28 β BR	28 β BS	29 β BR	29 β BS	30 β BR	30 β BS	Sample
24/12-3S	OIL 2398.4	326.2	250.1	167.8	190.1	196.3	202.5	0.0	0.0	O21/0002

Table 11f: Raw triterpane data (peak height) m/z 177 SIR for Well NOCS 24/12-3S

<u>Well</u>	<u>Descript.</u>	<u>25nor28aß</u>	<u>25nor30aß</u>	<u>Sample</u>
24/12-3S	OIL 2398.4	0.0	0.0	O21/0002

Table 11g: Amount of triterpanes (ppb) m/z 191 SIR for Well NOCS 24/12-3S

Well	Descript.	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28aß	25nor30aß	Sample
		29aß	29Ts	30d	29ßa	300	30aß	30ßa	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
24/12-3S	OIL 2398.4	11877.1	11743.6	5227.6	5057.7	3862.8	17743.8	1660.0	0.0	0.0	O21/0002
		3301.5	6169.2	10121.7	0.0	0.0	4584.7	0.0	0.0	0.0	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Table 11h: Amount of steranes (ppb) m/z 217 SIR for Well NOCS 24/12-3S

Well	Descript.	21a	22a	27dBS	27dBR	27daR	27daS	28dBS	28dBR	28daR*	Sample
		29dBS*	28daS*	27aaR	29dBR	29daR	28aaS	29daS*	28BS		
		28aaR	29aaS	29BR	29BS	29aaR					
24/12-3S	OIL 2398.4	29193.6	7694.2	54232.4	29496.9	12812.3	11612.5	17615.4	15197.9	7920.4	O21/0002
		22563.1	8849.2	5870.8	18048.0	6810.0	2719.0	8588.6	4838.7		
		0.0	3873.5	4920.2	4216.8	2671.7					

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

Table 11i: Amount of standard and weight of sample for Well NOCS 24/12-3S

<u>Well</u>	<u>Descript.</u>	<u>Standard</u>	<u>Amount</u>	<u>Weight</u>	<u>Sample</u>
24/12-3S	OIL 2398.4	566.0	0.700	42.2	O21/0002

Table 12a: Variation in Triaromatic Sterane Distribution (peak height) for NOCS 24/12-3S Reservoir Study

Well	Descript.	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
24/12-3S	OIL 2398.4	0.94	0.91	0.76	0.82	0.85	021/0002

Ratio1: $a1 / a1 + g1$

Ratio2: $b1 / b1 + g1$

Ratio3: $a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1$

Ratio4: $a1 / a1 + e1 + f1 + g1$

Ratio5: $a1 / a1 + d1$

Table 12b: Variation in Monoaromatic Sterane Distribution (peak height) for NOCS 24/12-3S Reservoir Study

<u>Well</u>	<u>Descript.</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Sample</u>
24/12-3S	OIL 2398.4	0.75	0.61	0.63	0.50	O21/0002

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

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

Table 12c: Aromatisation of Steranes (peak height) for NOCS 24/12-3S Reservoir Study

Well	Descript.	Ratio1	Ratio2	Sample
24/12-3S	OIL 2398.4	0.61	0.56	O21/0002

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

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

Table 12d: Raw triaromatic sterane data (peak height) m/z 231 for NOCS 24/12-3S Reservoir Study

Well	Descript.	a1	b1	c1	d1	e1	f1	g1	Sample
24/12-3S	OIL 2398.4	1527.2	986.6	167.7	279.7	124.9	109.1	94.7	O21/0002

Table 12e: Raw monoaromatic sterane data (peak height) m/z 253 for NOCS 24/12-3S Reservoir Study

Well	Descript.	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
24/12-3S	OIL 2398.4	812.8	421.0	190.3	157.4	272.0	158.7	212.0	175.5	73.7	O21/0002

Table 13A: Light Hydrocarbons from Whole Oil GC for NOCS 24/12-2S

Well	Description	iC4	nC4	iC5	nC5	2,2DMC4	2,3DMC4	2MC5	3MC5	nC6	MCyC5	Benz	Sample
NOCS 24/12-3S	Oil	-	-	-	-	0.03	-	-	-	4.23	1.36	-	N99/0001

Table 13B: Light Hydrocarbons from Whole Oil GC for NOCS 24/12-2S

Well	Description	CyC6	2MC6	3MC6	1,3ci- DMCyC5	1,3tr- DMCyC5	1,2tr- DMCyC5	nC7	MCyC6	Tol	nC8	p/m- Xylene	Sample
NOCS 24/12-3S	Oil	1.66	3.37	2.63	0.70	0.66	1.52	9.53	6.67	-	12.04	1.40	N99/0001

Table 13C: Thompson's indices for NOCS 24/12-3S

Well	Description	A	B	X	W	C	I	F	H	U	R	S	Sample
NOCS 24/12-3S	Oil	-	-	0.12	-	1.65	2.08	1.43	35.64	1.22	2.83	141.00	N99/0001

THOMPSON'S INDICES

$$A = \frac{\text{Benzene}}{nC6}$$

$$B = \frac{\text{Toluene}}{nC7}$$

$$X = \frac{\text{p/m-xylene}}{nC8}$$

$$W = \frac{\text{Benzene} * 10}{\text{CyC6}}$$

$$C = \frac{nC6 + nC7}{\text{CyC6} + \text{MCyC6}}$$

$$I = \frac{2MC6 + 3MC6}{1,3ciDMCyC5 + 1,3trDMCyC5 + 1,2trDMCyC5}$$

$$F = \frac{nC7}{\text{MCyC6}}$$

$$H = \frac{nC7 * 100}{\text{CyC6} + 2MC6 + 2,3DMC4 + 3MC6 + 1,3ciDMCyC5 + 1,3trDMCyC5 + 1,2trDMCyC5 + nC7 + \text{MCyC6}}$$

$$U = \frac{\text{CyC6}}{\text{MCyC5}}$$

$$R = \frac{nC7}{2MC6}$$

$$S = \frac{nC6}{2,2DMC4}$$

TABLE 17

Metode:

API-gravity: Bestemmelse av tetthet etter ASTM D-4052 v/ 15 °C, med påfølgende omregning til API-gravitet v/ 60 °F v.h.a API tabell 51.

Resultat:

Prøve	API-Gravity
24/12-3S	38,73

Table 5A: Rock-Eval table for well NOCS 24/12-3

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2406.00	mud	HEIM	bulk	54.55	2.97	8.02	0.37	-	-	-	57.5	0.95	354	0001-0B

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

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1.00	std		bulk	0.42	18.27	2.66	6.87	-	-	-	18.7	0.02	418	0088-0B
2.00	std		bulk	0.42	17.81	2.44	7.30	-	-	-	18.2	0.02	418	0089-0B

Table 8 a: MPLC Bulk Composition: Weight of EOM and Fraction for well NOCS 24/12-3

Depth unit of measure: m

Depth	Typ	Lithology		EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC (e) (%)	Sample
2406.00	mud	bulk	*	490.9	3.3	228.6	0.1	258.9	231.9	259.0	-	0001-0B

* Note that the weights indicated above are not reliable, as constant weight could not be achieved due to some unknown organic compounds present in the mud sample.

Table 8 b: MPLC Bulk Composition: Material extracted from the rock (%) for well NOCS 24/12-3

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
			EOM	EOM	EOM	EOM	EOM	EOM	Aro	Non-HC	
2406.00	mud	bulk	0.67	46.57	0.02	52.74	47.24	52.76	1.44	89.54	0001-0B

Table 8e: Iatroscan TLC Bulk Composition: Absolute yields in mg/g rock for well NOCS 34/11-2S

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>EOM weighed</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>EOM calcul.</u>	<u>Sample</u>
2406.00	SLAM		385	4.45	2.22	369	0.1	6.67	369.1	375.77	

Table 8f: Iatroscan TLC Bulk Composition: Rel. percentages of sep. fractions for well NOCS 34/11-2S

Depth unit of measure: m

<u>Depth</u>	<u>Typ</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>
2406.00	SLAM		1.18	0.59	98.20	0.03	1.78	98.22	

Table 9a: Quantitative Analysis of Saturated Fraction for well NOCS 24/12-3S, MUD.																							
sample	nC15 mg/g sat	nC16 mg/g sat	iC18 mg/g sat	nC17 mg/g sat	Pr mg/g sat	nC18 mg/g sat	Ph mg/g sat	nC19 mg/g sat	nC20 mg/g sat	nC21 mg/g sat	nC22 mg/g sat	nC23 mg/g sat	nC24 mg/g sat	nC25 mg/g sat	nC26 mg/g sat	nC27 mg/g sat	nC28 mg/g sat	nC29 mg/g sat	nC30 mg/g sat	nC31 mg/g sat	nC32 mg/g sat	nC33 mg/g sat	nC34 mg/g sat
2406.00m	31.13	32.84	16.16	30.66	21.66	22.12	9.81	22.89	16.72	12.07	8.45	5.85	4.63	3.48	2.64	1.90	1.62	1.27	0.91	0.70	0.57	0.65	0.94

Table 9B: Saturated Hydrocarbon Ratios (peak area) for well NOCS 24/12-3

Depth unit of measure: m

Depth	Typ	Lithology	$\frac{\text{Pristane}}{\text{nC17}}$	$\frac{\text{Pristane}}{\text{Phytane}}$	$\frac{\text{Pristane/nC17}}{\text{Phytane/nC18}}$	$\frac{\text{Phytane}}{\text{nC18}}$	CPI1	$\frac{\text{nC17}}{\text{nC17+nC27}}$	Sample
2406.00	mud	bulk	0.71	2.21	1.59	0.44	1.02	0.94	0001-0B

Table 9C : Aromatic Hydrocarbon Ratios (peak area) for well NOCS 24/12-3

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2406.00	mud	bulk	-	-	-	-	-	-	-	-	-	-	0001-0B

Table 9C : Aromatic Hydrocarbon Ratios (peak area) for well NOCS 24/12-3

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
2406.00	mud	bulk	-	-	0001-0B

Table 10A: Tabulation of carbon isotope data for EOM/EOM - fractions for well NOCS 24/12-3

Depth unit of measure: m

<u>Depth</u>	<u>Typ</u>	<u>Lithology</u>	<u>EOM</u>	<u>Saturated</u>	<u>Aromatic</u>	<u>NSO</u>	<u>Asphaltenes</u>	<u>Kerogen</u>	<u>Sample</u>
2406.00	mud	bulk	-	-27.47	-27.31	-29.03	-	-	0001-0

Table 10B: Tabulation of cv values from carbon isotope data for well NOCS 24/12-3

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>
2406.00	mud	bulk	-27.47	-27.31	-2.78	0001-0

Table 11a: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 24/12-3

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Rat.10	Rat.11	Rat.12	Rat.13	Rat.14	Sample
2406.00	bulk	1.16	0.54	0.21	0.81	0.45	-	0.14	0.17	0.12	0.27	0.90	0.46	0.13	54.03	0001-0

List of Triterpane Distribution Ratios

Ratio 1: $27Tm / 27Ts$

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 11b: Variation in Sterane Distribution (peak height) SIR for Well NOCS 24/12-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Ratio5</u>	<u>Ratio6</u>	<u>Ratio7</u>	<u>Ratio8</u>	<u>Ratio9</u>	<u>Ratio10</u>	<u>Sample</u>
2406.00	bulk	0.48	47.36	75.46	0.95	0.76	0.45	0.32	0.61	0.90	2.92	0001-0

List of Sterane Distribution Ratios

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

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

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

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

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

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

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

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

Ratio 9: $29aaS / 29aaR$

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

Table 11c: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 24/12-3

Depth unit of measure: m

Depth	Lithology	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28aß	25nor30aß	Sample
		29aß	29Ts	30d	29ßa	300	30aß	30ßa	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
2406.00	bulk	425.7	210.2	107.6	119.3	68.9	195.7	227.8	106.5	264.6	0001-0
		632.2	180.1	0.0	100.5	0.0	778.4	82.3	0.0	343.9	
		283.2	195.4	166.3	143.2	98.2	77.0	52.8	77.4	68.2	

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daR	27daS	28dBS	28dBR	28daR*	Sample
		29dBS*	28daS*	27aaR	29dBR	29daR	28aaS	29daS*	28BS		
		28aaR	29aaS	29BSR	29BS	29aaR					
2406.00	bulk	234.1	100.4	122.4	100.2	52.6	54.9	83.0	54.6	102.2	0001-0
		128.8	116.6	134.3	96.2	0.0	56.5	123.1	114.7		
		54.2	76.9	135.2	114.4	85.5					

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

Table 11e: Raw sterane data (peak height) m/z 218 SIR for Well NOCS 24/12-3

Depth unit of measure: m

Depth	Lithology	27 β BR	27 β BS	28 β BR	28 β BS	29 β BR	29 β BS	30 β BR	30 β BS	Sample
2406.00	bulk	167.7	128.9	121.1	145.7	132.2	133.6	21.3	30.6	0001-0

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>25nor28aβ</u>	<u>25nor30aβ</u>	<u>Sample</u>
2406.00	bulk	223.1	196.0	0001-0

Table 11g: Amount of triterpanes (ppb) m/z 191 SIR for Well NOCS 24/12-3

Depth unit of measure: m

Depth	Lithology	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28aß	25nor30aß	Sample
		29aß	29Ts	30d	29ßa	300	30aß	30ßa	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
2406.00	bulk	143374.5	70783.8	36242.1	40173.6	23217.1	65925.5	76734.2	35866.7	89107.6	0001-0
		212930.4	60647.2	0.0	33860.7	0.0	262144.8	27705.7	0.0	115812.0	
		95390.1	65824.5	56008.3	48213.9	33068.8	25940.9	17766.6	26082.3	22985.2	

Depth unit of measure: m

Depth	Lithology	21a	22a	27d β S	27d β R	27daR	27daS	28d β S	28d β R	28daR*	Sample
		29d β S*	28daS*	27aaR	29d β R	29daR	28aaS	29daS*	28 β β S		
		28aaR	29aaS	29 β β R	29 β β S	29aaR					
2406.00	bulk	78851.4	33797.4	41209.7	33739.7	17721.0	18506.3	27964.5	18403.4	34415.8	0001-0
		43362.2	39273.5	45216.3	32395.1		0.0	19033.2	41462.0	38621.6	
		18238.3	25893.4	45528.6	38536.9	28784.1					

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

Table 11i: Amount of standard and weight of sample for Well NOCS 24/12-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Standard</u>	<u>Amount</u>	<u>Weight</u>	<u>Sample</u>
2406.00	bulk	1889.5	0.700	1.1	0001-0

Table 12a: Variation in Triaromatic Sterane Distribution (peak height) for Well NOCS 24/12-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Ratio5</u>	<u>Sample</u>
2406.00	bulk	-	-	-	-	-	0001-0

Ratio1: $a1 / a1 + g1$

Ratio2: $b1 / b1 + g1$

Ratio3: $a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1$

Ratio4: $a1 / a1 + e1 + f1 + g1$

Ratio5: $a1 / a1 + d1$

Table 12b: Variation in Monoaromatic Sterane Distribution (peak height) for Well NOCS 24/12-3

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Ratio3</u>	<u>Ratio4</u>	<u>Sample</u>
2406.00	bulk	-	-	-	-	0001-0

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

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
2406.00	bulk	-	-	0001-0

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

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

Depth unit of measure: m

Depth	Lithology	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
2406.00	bulk	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0001-0