

Table 9Ca: Aromatic Hydrocarbon Ratios (peak area) for NOCS 6608/11-2

Well	Description	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
6608/11-2	MDT 1E	-	-	-	-	-	-	-	-	-	-	U36/0001

Table 9Cb: Aromatic Hydrocarbon Ratios (peak area) for NOCS 6608/11-2

Well	Description	F1	F2	Sample
6608/11-2	MDT 1E	-	-	U36/0001

Table 10a: Tabulation of carbon isotope data on oils for NOCS 6608/11-2

Well	Descript.	Whole oil	Topped oil	Saturated	Aromatic	NSO	Asphaltenes	Sample
6608/11-2	MDT 1E	-	-28.22	-28.63	-27.40	-27.65	-27.23	U36/0001

Table 10b: Tabulation of cv values from carbon isotope data for NOCS 6608/11-2

Well	Descript.	Saturated	Aromatic	cv value	Sample
6608/11-2	MDT 1E	-28.63	-27.40	-0.04	U36/0001

Table 11a: Variation in Triterpane Distribution (peak height) SIR for NOCS 6608/11-2

Well	Descript.	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Rat.10	Rat.11	Rat.12	Rat.13	Rat.14	Sample
6608/11-2	MDT 1E	1.09	0.52	0.30	0.56	0.36	0.24	0.25	0.45	0.20	0.21	0.89	0.38	0.17	54.98	U36/0001

List of Triterpane Distribution Ratios

Ratio 1: 27Tm / 27Ts

Ratio 2: 27Tm / 27Tm+27Ts

Ratio 3: 27Tm / 27Tm+30aβ+30βa

Ratio 4: 29aβ / 30aβ

Ratio 5: 29aβ / 29aβ+30aβ

Ratio 6: 30d / 30aβ

Ratio 7: 28aβ / 30aβ

Ratio 8: 28aβ / 29aβ

Ratio 9: 28aβ / 28aβ+30aβ

Ratio 10: 24/3 / 30aβ

Ratio 11: 30aβ / 30aβ+30βa

Ratio 12: 29aβ+29βa / 29aβ+29βa+30aβ+30βa

Ratio 13: 29βa+30βa / 29aβ+30aβ

Ratio 14: 32aβS / 32aβS+32aβR (%)

Table 11b: Variation in Sterane Distribution (peak height) SIR for NOCS 6608/11-2

Well	Descript.	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
6608/11-2	MDT 1E	0.75	49.85	77.57	0.91	0.78	0.31	0.22	0.63	0.99	3.45	U36/0001

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 NOCS 6608/11-2

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	
6608/11-2	MDT 1E	52221.8 122531.8 36727.4	46406.6 89323.5 47471.2	17335.3 52862.4 38875.4	57518.5 28261.5 48502.0	13520.9 16801.8 26509.2	96875.5 219123.2 39828.5	105616.9 28121.0 24179.4	54978.6 14692.1 33018.8	247142.4 63677.9 20044.0	U36/0001

Table 11d: Raw sterane data (peak height) m/z 217 SIR for NOCS 6608/11-2

Well	Descript.	21a	22a	27dßS	27dßR	27daR	27daS	28dßS	28dßR	28daR*	Sample
		29dßS*	28daS*	27aaR	29dßR	29daR	28aaS	29daS*	28ßßS		
		28aaR	29aaS	29ßßR	29ßßS	29aaR					
6608/11-2	MDT 1E	78055.7 134751.6 18399.7	42903.3 70440.0 50091.6	126842.8 42254.7 94949.4	81182.4 83312.6 78825.1	30953.8 29415.5 50384.4	32275.3 22295.5	67027.3 50282.2	36025.9 70841.3	45861.1	U36/0001

* 28daR coel with 27aaS, 29dßS coel with 27ßßR, 28daS coel with 27ßßS, 29daS coel with 28ßßR

Table 11e: Raw sterane data (peak height) m/z 218 SIR for NOCS 6608/11-2

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
6608/11-2	MDT 1E	125126.1	97367.4	82519.6	97890.4	142364.6	131284.4	33234.5	30616.6	U36/0001

Table 11f: Raw triterpane data (peak height) m/z 177 SIR for NOCS 6608/11-2

Well	Descript.	25nor28a β	25nor30a β	Sample
6608/11-2	MDT 1E	61557.2	154078.2	U36/0001

Table 11g: Amount of triterpanes (ppb) m/z 191 SIR for NOCS 6608/11-2

Well	Descript.	23/3	24/3	25/3	24/4	26/3	27Ts	27Tm	28a β	25nor30a β	Sample
		29a β	29Ts	30d	29 β a	300	30a β	30 β a	30G	31a β S	
		31a β R	32a β S	32a β R	33a β S	33a β R	34a β S	34a β R	35a β S	35a β R	
6608/11-2	MDT 1E	158209.7	140592.1	52518.4	174256.3	40962.5	293491.2	319973.8	166561.4	748735.2	U36/0001
		371218.6	270611.8	160150.3	85620.3	50902.3	663849.1	85194.6	44510.8	192916.6	
		111268.3	143817.4	117775.9	146940.3	80311.4	120663.2	73253.2	100032.8	60724.8	

Table 11h: Amount of steranes (ppb) m/z 217 SIR for NOCS 6608/11-2

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					
6608/11-2	MDT 1E	236475.2	129978.6	384279.1	245947.6	93776.8	97780.4	203064.0	109142.9	138939.4	U36/0001
		408239.4	213402.8	128013.7	252401.5	89116.2	67545.7	152333.4	214618.7		
		55743.3	151756.1	287655.8	238806.2	152643.2					

* 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 NOCS 6608/11-2

Well	Descript.	Standard	Amount	Weight	Sample
6608/11-2	MDT 1E	29622.6	1.400	15.6	U36/0001

Table 12a: Variation in Triaromatic Sterane Distribution (peak height) for NOCS 6608/11-2

Well	Descript.	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
6608/11-2	MDT 1E	0.77	0.75	0.51	0.51	0.60	U36/0001

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 6608/11-2

Well	Descript.	Ratio1	Ratio2	Ratio3	Ratio4	Sample
6608/11-2	MDT 1E	0.58	0.45	0.43	0.37	U36/0001

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 6608/11-2

Well	Descript.	Ratio1	Ratio2	Sample
6608/11-2	MDT 1E	0.54	0.82	U36/0001

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

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

Table 12d: Raw triaromatic sterane data (peak height) m/z 231 for NOCS 6608/11-2

Well	Descript.	a1	b1	c1	d1	e1	f1	g1	Sample
6608/11-2	MDT 1E	11098.1	9750.2	2167.1	7396.9	4549.8	2969.8	3311.1	U36/0001

Table 12e: Raw monoaromatic sterane data (peak height) m/z 253 for NOCS 6608/11-2

Well	Descript.	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
6608/11-2	MDT 1E	8771.7	5188.1	4409.5	2666.7	6295.5	1661.0	5383.8	3060.6	749.6	U36/0001

Table 13A: Light Hydrocarbons from Whole Oil GC for NOCS 6608/11-2

Well	Description	2,2DMC4	2,3DMC4	nC6	MCyC5	Benz	Sample
6608/11-2	MDT 1E	-	-	-	-	-	U36/0001

Table 13B: Light Hydrocarbons from Whole Oil GC for NOCS 6608/11-2

Well	Description	CyC6	2MC6	3MC6	1,3ci- DMCyC5	1,3tr- DMCyC5	1,2tr- DMCyC5	nC7	MCyC6	Tol	nC8	p/m- Xylene	Sample
6608/11-2	MDT 1E	-	-	-	-	-	-	-	-	-	-	-	U36/0001

Table 13C: Thompson's indices for NOCS 6608/11-2

Well	Description	A	B	X	W	C	I	F	H	U	R	S	Sample
6608/11-2	MDT 1E	-	-	-	-	-	-	-	-	-	-	-	U36/0001

THOMPSON'S INDICES

$$A = \frac{\text{Benzene}}{nC6} \quad B = \frac{\text{Toluene}}{nC7} \quad X = \frac{\text{p/m-xylene}}{nC8} \quad W = \frac{\text{Benzene} * 10}{CyC6}$$

$$C = \frac{nC6 + nC7}{CyC6 + MCyC6} \quad I = \frac{2MC6 + 3MC6}{1,3ciDMCyC5 + 1,3trDMCyC5 + 1,2trDMCyC5} \quad F = \frac{nC7}{MCyC6}$$

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

$$U = \frac{CyC6}{MCyC5} \quad R = \frac{nC7}{2MC6} \quad S = \frac{nC6}{2,2DMC4}$$

Table 14A: Volume Composition of Gas Samples from well NOCS 6608/11-2 OIL

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2	C3	iC4	nC4	iC5	nC5	CO2	sum C1-C5	wet- ness	iC4/ nC4	Sample
1747.00	gas	bulk	98.40	0.70	0.02	-	0.01	-	-	1.00	99.1	0.01	0.00	0002-0B

Table 14B: Isotopic Composition of Gas Samples from well NOCS 6608/11-2 OIL

Depth unit of measure: m

Depth	Typ	Lithology	C1 d13C	C1 dD	C2 d13C	C3 d13C	iC4 d13C	nC4 d13C	CO2 d13C	CO2 d18O	Sample
1747.00	gas	bulk	-54.2	-197.0	-33.3	-	-	-	-11.5	-10.4	0002-0B

1 Introduction

1 gas sample from well 6608/11-2 is analysed for gas and isotopic composition.

On the sample $C_1 - C_5$ and CO_2 are quantified. The $\delta^{13}C$ value is measured on methane, ethane, propane, the butanes and CO_2 , and the $\delta^{18}O$ value is measured on CO_2 . In addition the δD value is measured on methane.

2 Analytical procedures

Aliquots of 0.2 ml are sampled with a syringe for analysis on a Porabond Q column connected with flame ionisation (FID) and thermal conductivity (TCD) detectors. The detection limit for the hydrocarbon gas components is 0.001 $\mu\text{l/ml}$, for CO_2 0.05 $\mu\text{l/ml}$.

For the isotope analysis 5-10 ml of the gas is sampled with a syringe and then separated into the different gas components by a Carlo Erba 4200 gas chromatograph. The hydrocarbon gas components are oxidised in separate CuO-ovens in order to prevent cross contamination. The combustion products CO_2 and H_2O are frozen into collection vessels and separated.

The combustion water is reduced with zinc metal in sealed quartz tubes to prepare hydrogen for isotopic analysis. The isotopic measurements are performed on a Finnigan MAT 251 and a Finnigan Delta mass spectrometer.

IFEs value on NBS 22 is $-29.77 \pm .06\text{‰}$ PDB.

The analytical procedures are tested with a laboratory gas standard mixture. Based on repeated analysis of the gas standard, the reproducibility in the $\delta^{13}C$ value is better than 0.5‰ PDB for all components. The reproducibility in the δD value is likewise better than 10‰.

3 Results

The normalised volume composition of the gas sample is shown in Table 1. The stable isotope composition is shown in Table 2.

The molecular composition related to the carbon isotope variations in methane from the sample are plotted in Figure 1 (Schoell, 1983), the carbon and hydrogen variations in methane are plotted in Figure 2 (Schoell, 1983) and the carbon isotope variation in ethane related to the carbon isotope variations in methane in Figure 3 (Schoell, 1983).

Table 1 Volume composition of a gas sample (normalised values) from well 6608/11-2

IFE no	C1 %	C2 %	C3 %	iC4 %	nC4 %	CO2 %	Sum C1-C5	Wetness	iC4/nC4
20002530	98.4	0.7	0.024	0.003	0.006	1.0	99.0	0.01	0.52

Table 2 Isotopic composition of a gas sample from well 6608/11-2

IFE no	C1 $\delta^{13}\text{C}$	C1 δD	C2 $\delta^{13}\text{C}$	C3 $\delta^{13}\text{C}$	iC4 $\delta^{13}\text{C}$	nC4 $\delta^{13}\text{C}$	CO2 $\delta^{13}\text{C}$	CO2 $\delta^{18}\text{O}$
20002530	-54.2	-197	-33.3				-11.5	-10.4

4 Literature

Schoell, M. (1983). Genetic characterisation of natural gases. *The American Association of Petroleum Geologists Bulletin*, 67,2225-2238.

Table 1 Analytical Program for NOCS well 6608/11-2 Falk (mud samples)

Sample Depth (m)	Sample Type	Sample Code	Lithology Description	Picking for screening	Prøvepreparering (Kjemematerialie)	Prøvepreparering (Losningsmiddel-Ekstraksjon)	Leco TOC	RockEval	GHM Pyrolysis-GC	Picking for Extraction	Topping	latroscan	Extraction	MPLC & Deasphaltene	EOM GC	Whole Oil GC	Sat GC (non-Q)	Aro GC (Non Quantitative)	Sat GCMS (non-Q)	Aro GCMS (Non-Q)	Isotope of EOM/fractions§	API Gravity (Westlab)	Vitrinite Reflectance	Visual Kerogen	Gas composition and isotopes (IFE)		
Table nos.			3				5	5				8	8	8		13	9	9	11	12	10	17	4	7	14		
1700	m	U49/0001-0											x	x	x		x		x		x						
1765	m	U49/0002-0											x		x												
2057	m	U49/0003-0											x		x												
Total													3	1	3		1		1		1						
Sample type key c = Cuttings s = SWC p = Conv core/ plug o=oil g= gas m=mud																											
§ isotope analysis on SAT and ARO only																											

Table 8a: MPLC Bulk Composition: Weight of EOM and Fraction for well 6608/11-2 MUD

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
1700.00	mud	bulk	-	98.5	1.2	1.4	1.0	94.9	2.6	95.9	-	0001-0B

Table 8b: MPLC Bulk Composition: Concentration of EOM and Fraction (wt ppm rock) for well 6608/11-2 MUD

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1700.00	mud	bulk	-	-	-	-	-	-	-	0001-0B

Table 8c: MPLC Bulk Composition: Concentration of EOM and Fraction (mg/g TOC (e)) for well 6608/11-2 MUD

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1700.00	mud	bulk	-	-	-	-	-	-	-	0001-0B

Table 8d: MPLC Bulk Composition: Material extracted from the rock (%) for well 6608/11-2 MUD

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	Total	HC	Non-HC	Recov. MPLC	Recov. Asph	Sample
1700.00	mud	bulk	1.26	1.42	1.02	96.30	100.00	2.69	97.31	1.25	1.00	0001-0B

Table 8e: MPLC Bulk Composition: Ratios for well 6608/11-2 MUD

Depth unit of measure: m

Depth	Typ	Lithology	Sat Aro	HC Non-HC	Asp NSO	Sample
1700.00	mud	bulk	0.89	0.03	0.01	0001-0B

Table 9A: Peak areas Saturated Hydrocarbon GC, .a

Depth (m)	Sample type	nC15	nC16	Norpristane	nC17	Pristane	nC18	Phytane	nC19	nC20	nC21	nC22	nC23	nC24	nC25	nC26	nC27	nC28
1700	mud	12209	125848	78027	125272	82718	74700	37521	54186	57135	31517	39472	31718	41423	31169	22917	22461	9054

Depth (m)	Sample type	nC29	nC30	nC31	nC32	nC33	nC34	Sample number
1700	mud	19948	12815	10160	5359	0	0	U49/0001-0

Table 9B: Saturated Hydrocarbon Ratios (peak area) for well 6608/11-2 MUD

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
1700.00	mud	bulk	0.66	2.20	1.31	0.50	1.32	0.85	0001-0B

Table 10A: Tabulation of carbon isotope data for EOM/EOM - fractions for well 6608/11-2 MUD

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
1700.00	mud	bulk	-	-28.62	-27.41	-	-	-	0001-0

Table 10B: Tabulation of cv values from carbon isotope data for well 6608/11-2 MUD

Depth unit of measure: m

Depth	Typ	Lithology	Saturated	Aromatic	cv value	Sample
1700.00	mud	bulk	-28.62	-27.41	-0.09	0001-0

Table 11a: Variation in Triterpane Distribution (peak height) SIR for Well 6608/11-2 MUD

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
1700.00	bulk	0.93	0.48	0.28	0.74	0.43	0.18	0.15	0.20	0.13	0.33	0.87	0.45	0.19	60.16	0001-0

List of Triterpane Distribution Ratios

Ratio 1: 27Tm / 27Ts

Ratio 2: 27Tm / 27Tm+27Ts

Ratio 3: 27Tm / 27Tm+30aβ+30βa

Ratio 4: 29aβ / 30aβ

Ratio 5: 29aβ / 29aβ+30aβ

Ratio 6: 30d / 30aβ

Ratio 7: 28aβ / 30aβ

Ratio 8: 28aβ / 29aβ

Ratio 9: 28aβ / 28aβ+30aβ

Ratio 10: 24/3 / 30aβ

Ratio 11: 30aβ / 30aβ+30βa

Ratio 12: 29aβ+29βa / 29aβ+29βa+30aβ+30βa

Ratio 13: 29βa+30βa / 29aβ+30aβ

Ratio 14: 32aβS / 32aβS+32aβR (%)

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>
1700.00	bulk	0.65	39.76	74.18	1.05	0.78	0.52	0.41	0.59	0.66	2.38	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 6608/11-2 MUD

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	
1700.00	bulk	2568.1	1584.8	623.1	1402.3	411.5	2318.4	2162.8	736.5	4091.6	0001-0
		3603.8	1687.3	891.6	884.9	0.0	4863.5	715.6	0.0	1643.3	
		1391.0	1284.0	850.1	981.3	624.9	781.6	485.3	669.7	389.1	

Table 11d: Raw sterane data (peak height) m/z 217 SIR for Well 6608/11-2 MUD

Depth unit of measure: m

Depth	Lithology	21a	22a	27dßS	27dßR	27daR	27daS	28dßS	28dßR	28daR*	Sample
		29dßS*	28daS*	27aaR	29dßR	29daR	28aaS	29daS*	28ßßS		
		28aaR	29aaS	29ßßR	29ßßS	29aaR					
1700.00	bulk	3637.2	1166.8	2210.8	1243.8	514.2	547.7	1001.2	546.7	711.3	0001-0
		1793.6	1150.7	1166.4	1264.4	457.2	461.4	772.9	1104.1		
		364.6	727.4	1437.3	1190.2	1101.9					

*' 28daR coel with 27aaS, 29dßS coel with 27ßßR, 28daS coel with 27ßßS, 29daS coel with 28ßßR

Table 11e: Raw sterane data (peak height) m/z 218 SIR for Well 6608/11-2 MUD

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>27$\beta$$\beta$R</u>	<u>27$\beta$$\beta$S</u>	<u>28$\beta$$\beta$R</u>	<u>28$\beta$$\beta$S</u>	<u>29$\beta$$\beta$R</u>	<u>29$\beta$$\beta$S</u>	<u>30$\beta$$\beta$R</u>	<u>30$\beta$$\beta$S</u>	<u>Sample</u>
1700.00	bulk	1770.7	1449.4	1229.0	1432.6	1987.8	1841.9	393.5	374.7	0001-0

Table 11f: Raw triterpane data (peak height) m/z 177 SIR for Well 6608/11-2 MUD

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>25nor28aβ</u>	<u>25nor30aβ</u>	<u>Sample</u>
1700.00	bulk	1331.4	2174.6	0001-0