

Table 9c: Variation in Triaromatic Sterane Distribution (peak height) for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
2596.30	Sltst	0.66	0.66	0.43	0.39	0.53	0024-1
2602.50	Sltst	0.79	0.68	0.62	0.66	0.70	0025-1
2610.50	S/Sst	-	-	-	-	-	0026-1
2673.90	Sh/Clst	0.88	0.86	0.80	0.77	0.88	0027-1
2687.00	Sh/Clst	0.72	0.70	0.55	0.52	0.61	0028-1

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 9d: Variation in Monoaromatic Sterane Distribution (peak height) for Well NOCS 6608/10-4

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>
2335.00	Sh/Clst	0.18	0.10	0.08	0.06	0010-1
2345.00	Sh/Clst	0.30	0.15	0.17	0.11	0011-1
2355.00	Sh/Clst	0.31	-	0.18	0.09	0012-1
2360.00	Sh/Clst	0.32	0.16	0.19	0.13	0013-1
2480.00	Sh/Clst	0.19	0.09	0.09	0.06	0016-1
2485.50	FMT 1A	0.26	0.32	0.15	0.16	0033-0
2500.00	Sh/Clst	0.15	0.10	0.07	0.06	0017-1
2505.30	FMT 1B	0.53	0.40	0.36	0.31	0034-0
2531.00	DST 3A+B	0.29	0.35	0.17	0.22	0031-0
2573.70	S/Sst	0.81	0.77	0.63	0.66	0021-1
2582.20	DST 2	0.37	0.40	0.24	0.26	0032-0
2584.00	S/Sst	0.98	0.97	0.90	0.90	0023-1
2596.30	Sltst	0.91	0.83	0.79	0.78	0024-1

Ratio1: A1 / A1 + E1

Ratio2: B1 / B1 + E1

Ratio3: A1 / A1 + E1 + G1

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

Table 9d: Variation in Monoaromatic Sterane Distribution (peak height) for Well NOCS 6608/10-4

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>
2602.50	Sltst	0.51	0.27	0.23	0.15	0025-1
2610.50	S/Sst	0.67	0.54	0.46	0.32	0026-1
2673.90	Sh/Clst	0.96	0.86	0.84	0.74	0027-1
2687.00	Sh/Clst	0.53	0.41	0.22	0.18	0028-1

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

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

Table 9e: Aromatisation of Steranes (peak height) for Well NOCS 6608/10-4

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
2335.00	Sh/Clst	0.96	0.08	0010-1
2345.00	Sh/Clst	0.94	0.16	0011-1
2355.00	Sh/Clst	0.95	0.13	0012-1
2360.00	Sh/Clst	0.94	0.17	0013-1
2480.00	Sh/Clst	0.94	0.14	0016-1
2485.50	FMT 1A	0.50	0.82	0033-0
2500.00	Sh/Clst	0.85	0.37	0017-1
2505.30	FMT 1B	0.48	0.89	0034-0
2531.00	DST 3A+B	0.48	0.83	0031-0
2573.70	S/Sst	0.13	0.98	0021-1
2582.20	DST 2	0.45	0.92	0032-0
2584.00	S/Sst	0.01	1.00	0023-1

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

Ratio2:
$$g1 / g1 + I1$$

Table 9e: Aromatisation of Steranes (peak height) for Well NOCS 6608/10-4

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
2596.30	Sltst	0.10	0.99	0024-1
2602.50	Sltst	0.84	0.42	0025-1
2610.50	S/Sst	1.00	-	0026-1
2673.90	Sh/Clst	0.78	0.53	0027-1
2687.00	Sh/Clst	0.91	0.23	0028-1

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

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

Table 9f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	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	
2335.00	Sh/Clst	572.7 3293.2 4178.9	314.7 0.0 550.0	170.6 258.8 1513.3	331.6 1712.1 382.4	132.7 0.0 1318.7	548.9 9520.0 183.9	1832.8 4614.9 493.3	3050.9 0.0 271.2	0.0 1436.9 1504.9	0010-1
2345.00	Sh/Clst	434.9 6085.2 5857.9	202.7 0.0 691.6	112.5 255.0 2184.8	241.4 2521.0 387.7	70.7 0.0 1475.0	350.2 9188.0 147.5	2769.6 4213.6 563.4	26334.4 0.0 320.4	0.0 2560.4 1549.1	0011-1
2355.00	Sh/Clst	184.3 813.2 1225.5	74.0 0.0 127.8	32.7 20.6 403.3	47.5 412.0 60.1	17.4 0.0 193.2	55.9 1736.4 38.4	582.5 593.1 88.1	55.7 0.0 61.0	0.0 629.0 172.4	0012-1
2360.00	Sh/Clst	44.3 707.9 1414.2	26.0 0.0 89.8	16.1 24.3 347.6	39.7 417.3 40.4	7.0 0.0 172.0	38.2 1729.2 30.9	485.8 583.9 71.7	49.0 0.0 36.0	0.0 502.4 160.2	0013-1

Table 9f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6608/10-4

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	
2480.00	Sh/Clst	59.6 678.6 1249.6	31.0 0.0 123.7	17.8 33.1 352.2	26.0 365.2 55.4	0.0 0.0 196.2	56.9 1389.8 503.8	350.7 594.0 73.6	40.5 0.0 55.7	0.0 565.3 547.8	0016-1
2485.50	FMT 1A	233.5 1268.0 445.2	123.4 0.0 391.8	44.5 162.3 225.4	177.2 120.7 221.1	21.7 0.0 107.3	368.3 2502.2 104.4	412.9 189.9 55.7	201.5 0.0 56.9	0.0 702.7 32.3	0033-0
2500.00	Sh/Clst	51.0 390.9 324.4	30.0 0.0 83.3	14.0 23.5 106.1	33.6 71.3 47.4	10.3 0.0 41.1	76.0 811.1 124.3	147.0 139.7 27.8	41.5 0.0 47.8	0.0 205.5 76.7	0017-1
2505.30	FMT 1B	283.1 1215.3 460.9	141.0 0.0 423.0	54.6 142.6 229.1	157.7 124.7 248.1	25.1 0.0 113.2	355.8 2510.6 127.1	414.7 190.9 60.8	195.0 0.0 64.4	0.0 692.6 32.2	0034-0
2531.00	DST 3A+B	177.2 1356.5 515.7	89.2 0.0 467.8	33.3 168.6 295.6	169.7 137.7 282.9	17.2 0.0 153.2	385.7 2839.7 153.6	443.3 219.6 80.5	218.3 0.0 81.5	0.0 793.0 54.5	0031-0

Table 9f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6608/10-4

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	30O	30aß	30ßa	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
2573.70	S/Sst	153.4	119.7	47.5	166.7	32.4	275.3	308.0	145.5	0.0	0021-1
		1102.8	0.0	119.4	100.1	0.0	2423.7	168.1	0.0	644.4	
		408.9	362.5	214.2	250.5	121.5	117.3	72.4	81.7	50.4	
2582.20	DST 2	134.1	80.2	23.8	106.3	0.0	230.6	262.1	107.2	0.0	0032-0
		870.9	0.0	80.0	58.6	0.0	1784.9	103.1	0.0	419.2	
		268.3	228.1	123.4	116.7	54.2	55.8	35.8	32.5	15.1	
2584.00	S/Sst	176.3	118.1	51.9	230.0	57.1	383.1	407.6	169.7	0.0	0023-1
		1330.0	0.0	178.1	145.8	0.0	2961.2	209.4	0.0	807.7	
		501.5	467.2	275.3	286.0	156.9	165.6	80.8	100.8	56.3	
2596.30	Sltst	268.7	169.9	88.4	309.6	57.0	530.3	649.5	316.6	0.0	0024-1
		1940.4	0.0	289.4	219.9	0.0	4142.1	357.3	0.0	1232.2	
		737.9	744.8	489.2	518.8	317.1	290.9	181.1	215.2	123.2	
2602.50	Sltst	16.7	14.0	5.9	15.5	6.8	18.6	67.5	241.8	0.0	0025-1
		106.9	0.0	16.7	35.9	0.0	308.6	53.8	0.0	77.4	
		109.0	37.7	52.5	19.6	26.9	57.7	9.6	10.2	10.5	

Table 9f: Raw triterpane data (peak height) m/z 191 SIR for Well NOCS 6608/10-4

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	29Ba	30O	30aß	30Ba	30G	31aßS	
		31aßR	32aßS	32aßR	33aßS	33aßR	34aßS	34aßR	35aßS	35aßR	
2610.50	S/Sst	5.6	5.2	0.0	2.7	2.4	4.6	0.0	4.2	0.0	0026-1
		7.0	0.0	0.0	3.2	0.0	13.2	0.0	0.0	4.1	
		2.3	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	
2673.90	Sh/Clst	157.7	84.1	31.2	188.1	23.1	82.4	993.1	3370.0	0.0	0027-1
		1295.8	0.0	108.1	451.3	0.0	2006.9	576.7	0.0	939.2	
		976.6	258.5	502.0	100.1	191.1	51.2	78.1	38.4	42.9	
2687.00	Sh/Clst	17.1	13.4	13.2	45.3	6.3	7.0	231.2	716.3	0.0	0028-1
		346.2	0.0	30.7	125.5	0.0	626.5	176.3	0.0	188.4	
		245.6	47.9	93.8	19.9	28.3	131.5	15.9	0.0	26.5	

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daS	27daR	28dBS	28dBR	28daS*	Sample
		29dBS*	28daR*	27aaR	29dBR	29daS	28aaS	29daR*	28BBS		
		28aaR	29aaS	29BBR	29BBS	29aaR					
2335.00	Sh/Clst	1488.1	370.5	1644.8	1457.4	805.3	614.9	882.9	994.1	1983.3	0010-1
		1405.5	1011.2	5412.4	1071.5	476.6	631.6	1917.1	1081.7		
		3947.7	401.7	1606.6	854.3	4394.5					
2345.00	Sh/Clst	897.6	184.5	928.4	736.5	479.6	274.6	294.7	303.7	811.8	0011-1
		928.9	659.6	1894.2	557.8	271.4	234.2	807.0	464.5		
		878.7	157.7	1257.2	709.2	2267.3					
2355.00	Sh/Clst	214.3	40.1	92.0	66.4	35.7	25.3	34.8	32.9	58.3	0012-1
		74.4	65.1	137.0	54.7	24.8	23.0	78.3	39.3		
		58.5	21.6	100.3	62.0	161.4					
2360.00	Sh/Clst	178.8	27.4	97.7	65.7	47.1	37.2	38.0	25.9	69.8	0013-1
		98.2	80.4	157.4	54.6	22.6	34.7	69.6	34.8		
		53.5	16.7	103.4	67.4	167.3					

* 28daS coel with 27aaS, 29dBS coel with 27BBR, 28daR coel with 27BBS, 29daR coel with 28BBR

Table 9g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	21a	22a	27d β S	27d β R	27daS	27daR	28d β S	28d β R	28daS*	Sample
		29d β S*	28daR*	27aaR	29d β R	29daS	28aaS	29daR*	28 β BS		
		28aaR	29aaS	29 β BR	29 β BS	29aaR					
2480.00	Sh/Clst	63.8	16.5	93.7	66.2	31.5	30.6	37.2	35.7	57.2	0016-1
		83.9	24.7	130.8	70.7	206.9					
		93.2	47.0	120.9	68.3	27.6	26.6	77.3	45.9		
2485.50	FMT 1A	345.3	110.1	395.3	234.2	56.9	72.5	183.5	88.4	125.8	0033-0
		47.3	133.7	279.5	234.6	118.1					
		460.3	219.2	95.3	321.3	73.6	60.1	148.7	212.3		
2500.00	Sh/Clst	57.4	17.5	57.0	36.5	19.8	15.6	21.9	9.0	21.7	0017-1
		21.4	17.2	51.0	30.9	51.7					
		64.7	31.1	28.2	42.6	20.5	11.8	28.5	40.0		
2505.30	FMT 1B	328.7	119.6	329.6	220.0	64.2	70.0	167.0	85.3	113.2	0034-0
		34.7	114.5	244.4	221.0	121.6					
		398.9	177.0	76.5	288.9	60.3	52.9	147.1	215.3		
2531.00	DST 3A+B	274.0	81.2	395.8	231.8	65.2	72.9	202.3	96.4	113.1	0031-0
		41.6	143.2	287.6	262.7	143.0					
		457.9	191.8	79.1	326.6	82.1	61.2	151.8	234.4		

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

Depth unit of measure: m

Depth	Lithology	21a	22a	27dBS	27dBR	27daS	27daR	28dBS	28dBR	28daS*	Sample
		29dBS*	28daR*	27aaR	29dBR	29daS	28aaS	29daR*	28BS		
		28aaR	29aaS	29BR	29BS	29aaR					
2573.70	S/Sst	281.1 328.1 42.3	98.7 163.7 101.2	347.1 68.2 200.9	169.0 205.4 177.9	59.2 73.1 100.1	78.6 41.9	135.7 100.8	82.5 174.8	104.9	0021-1
2582.20	DST 2	261.4 256.3 16.7	62.5 111.5 69.2	209.5 39.0 163.4	137.1 180.2 140.5	37.3 35.0 55.9	37.6 33.5	94.5 76.6	55.0 135.4	53.3	0032-0
2584.00	S/Sst	313.1 377.5 49.0	126.2 215.7 108.4	379.8 97.4 268.1	241.2 317.7 219.6	86.4 73.3 148.3	81.1 56.3	169.4 132.9	107.5 208.9	137.2	0023-1
2596.30	Sltst	435.2 633.4 97.1	175.4 358.2 231.6	560.7 175.4 439.1	358.5 467.8 394.1	136.6 125.8 255.5	132.0 112.8	323.5 227.9	169.6 332.6	234.2	0024-1
2602.50	Sltst	16.3 28.6 8.3	5.8 12.3 12.3	19.9 9.3 18.1	16.7 17.8 15.2	7.5 8.5 16.1	7.6 7.5	11.2 12.4	8.2 12.7	7.8	0025-1

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

Table 9g: Raw sterane data (peak height) m/z 217 SIR for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	21a	22a	27d β S	27d β R	27daS	27daR	28d β S	28d β R	28daS*	Sample	
		29d β S*	28daR*	27aaR	29d β R	29daS	28aaS	29daR*	28 β β S			
		28aaR	29aaS	29 β β R	29 β β S	29aaR						
2610.50	S/Sst	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0026-1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2673.90	Sh/Clst	256.2	56.4	65.7	42.2	28.2	22.7	66.0	54.8	55.6	0027-1	
		340.9	64.2	31.7	255.0	102.5	29.1	44.9	50.6			
		41.9	45.4	135.9	118.1	160.5						
2687.00	Sh/Clst	28.5	8.1	26.9	15.0	9.1	8.7	13.5	11.2	14.7	0028-1	
		43.0	13.9	10.4	36.5	13.5	11.8	13.5	11.5			
		9.2	5.4	21.6	14.9	22.4						

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

Table 9h: Raw triaromatic sterane data (peak height) m/z 231 for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
2335.00	Sh/Clst	206.6	91.1	317.6	924.2	254.4	358.7	343.4	0010-1
2345.00	Sh/Clst	436.9	267.8	613.9	1433.6	678.3	568.3	894.8	0011-1
2355.00	Sh/Clst	215.5	108.1	154.9	523.1	240.5	164.6	314.1	0012-1
2360.00	Sh/Clst	238.9	138.0	198.9	643.9	333.5	218.4	438.3	0013-1
2480.00	Sh/Clst	57.8	47.6	66.4	231.8	100.6	69.1	173.3	0016-1
2485.50	FMT 1A	1197.2	1338.3	593.0	2008.3	1443.4	955.3	1164.2	0033-0
2500.00	Sh/Clst	158.0	125.1	37.2	107.6	53.9	46.7	63.9	0017-1
2505.30	FMT 1B	815.6	862.1	275.7	1109.2	814.9	510.7	675.1	0034-0
2531.00	DST 3A+B	1024.7	1114.8	404.1	1483.3	1043.7	670.2	796.0	0031-0
2573.70	S/Sst	1196.3	1098.7	257.1	1021.6	694.3	466.2	561.7	0021-1
2582.20	DST 2	755.0	701.0	183.0	831.1	582.9	343.5	469.9	0032-0
2584.00	S/Sst	1744.4	1796.6	469.8	1629.9	1174.1	729.6	847.4	0023-1
2596.30	Sltst	1561.4	1539.1	385.1	1386.8	1000.0	600.1	800.4	0024-1
2602.50	Sltst	39.2	21.9	0.0	17.1	10.5	0.0	10.1	0025-1

Table 9h: Raw triaromatic sterane data (peak height) m/z 231 for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
2610.50	S/Sst	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0026-1
2673.90	Sh/Clst	121.0	102.3	3.7	15.9	13.6	6.2	16.3	0027-1
2687.00	Sh/Clst	46.8	42.3	0.0	30.3	25.1	0.0	18.3	0028-1

Table 9i: Raw monoaromatic sterane data (peak height) m/z 253 for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
2335.00	Sh/Clst	2596.8	1267.1	5343.8	5256.0	12060.0	944.0	17347.2	13642.8	3987.1	0010-1
2345.00	Sh/Clst	5290.1	2202.6	10146.1	8417.5	12375.5	1924.7	13028.9	10016.1	4726.0	0011-1
2355.00	Sh/Clst	2541.9	0.0	3240.0	3116.6	5739.2	716.3	5495.4	4418.1	2036.1	0012-1
2360.00	Sh/Clst	2897.3	1165.3	3813.5	3249.5	6041.3	732.1	6425.4	5051.7	2106.3	0013-1
2480.00	Sh/Clst	517.4	222.9	1222.9	1475.8	2137.8	311.6	2996.5	1576.5	1022.1	0016-1
2485.50	FMT 1A	518.5	690.8	938.9	701.3	1486.2	387.0	1469.3	898.4	252.3	0033-0
2500.00	Sh/Clst	69.8	42.6	151.4	203.2	389.3	47.3	534.5	327.8	107.5	0017-1
2505.30	FMT 1B	907.6	533.4	483.9	347.3	792.3	193.1	806.6	446.2	81.5	0034-0
2531.00	DST 3A+B	475.9	626.7	135.2	513.6	1141.8	281.9	1122.7	645.2	161.1	0031-0
2573.70	S/Sst	480.7	384.1	60.4	37.2	113.4	15.2	163.8	43.1	12.1	0021-1
2582.20	DST 2	322.9	367.6	334.8	203.2	543.1	109.9	473.2	241.7	43.1	0032-0
2584.00	S/Sst	364.2	184.6	6.6	3.4	6.5	2.6	31.9	4.0	3.3	0023-1
2596.30	Sltst	1117.8	542.9	68.8	40.2	114.7	11.1	184.8	40.2	9.7	0024-1
2602.50	Sltst	27.1	9.5	15.7	21.5	26.0	12.1	64.6	48.7	13.8	0025-1

Table 9i: Raw monoaromatic sterane data (peak height) m/z 253 for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	A1	B1	C1	D1	E1	F1	G1	H1	I1	Sample
2610.50	S/Sst	6.3	3.8	3.2	3.3	3.2	2.2	4.1	2.8	2.3	0026-1
2673.90	Sh/Clst	462.2	118.7	8.6	4.4	19.9	6.7	70.8	74.2	14.4	0027-1
2687.00	Sh/Clst	105.6	62.8	51.4	50.0	91.9	8.4	275.0	233.1	61.6	0028-1

Table 9j: Raw sterane data (peak height) m/z 218 SIR for Well NOCS 6608/10-4

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
2335.00	Sh/Clst	1354.9	1055.0	1673.8	1318.8	1343.5	1119.1	279.5	1118.7	0010-1
2345.00	Sh/Clst	908.7	720.5	758.4	600.4	1201.5	890.7	108.4	371.6	0011-1
2355.00	Sh/Clst	91.4	73.1	71.3	55.8	124.4	93.4	15.6	26.7	0012-1
2360.00	Sh/Clst	114.9	82.3	72.8	62.2	120.9	88.9	13.0	37.7	0013-1
2480.00	Sh/Clst	63.9	50.2	72.6	56.2	129.2	89.7	15.2	29.4	0016-1
2485.50	FMT 1A	288.2	195.5	172.1	212.9	315.7	309.2	44.9	41.7	0033-0
2500.00	Sh/Clst	53.3	36.0	45.0	39.3	59.1	62.4	9.1	13.4	0017-1
2505.30	FMT 1B	279.9	171.4	165.0	205.0	294.2	306.7	40.4	40.6	0034-0
2531.00	DST 3A+B	294.6	194.5	191.7	243.8	331.0	337.6	48.5	52.1	0031-0
2573.70	S/Sst	216.1	207.4	141.9	204.8	250.2	260.8	47.5	57.9	0021-1
2582.20	DST 2	140.6	114.4	97.7	127.7	179.6	186.7	22.6	25.2	0032-0
2584.00	S/Sst	276.8	253.9	191.5	244.9	321.7	317.4	73.0	70.1	0023-1
2596.30	Sltst	460.0	350.9	287.2	376.9	554.1	532.0	112.8	116.3	0024-1
2602.50	Sltst	14.7	14.6	13.3	14.0	23.7	17.6	5.9	7.2	0025-1

Table 9j: Raw sterane data (peak height) m/z 218 SIR for Well NOCS 6608/10-4

Depth unit of measure: m

Depth	Lithology	27 β β R	27 β β S	28 β β R	28 β β S	29 β β R	29 β β S	30 β β R	30 β β S	Sample
2610.50	S/Sst	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0026-1
2673.90	Sh/Clst	90.0	50.0	62.4	68.2	162.6	123.8	12.7	14.4	0027-1
2687.00	Sh/Clst	21.3	13.8	14.1	19.9	21.4	15.9	0.0	0.0	0028-1

Table 9k: Raw triterpane data (peak height) m/z 177 SIR for Well NOCS 6608/10-4

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>25nor28aß</u>	<u>25nor30aß</u>	<u>Sample</u>
2335.00	Sh/Clst	192.6	216.8	0010-1
2345.00	Sh/Clst	115.1	202.2	0011-1
2355.00	Sh/Clst	13.9	17.8	0012-1
2360.00	Sh/Clst	15.7	16.4	0013-1
2480.00	Sh/Clst	16.5	19.6	0016-1
2485.50	FMT 1A	225.6	96.5	0033-0
2500.00	Sh/Clst	29.7	19.8	0017-1
2505.30	FMT 1B	218.7	97.8	0034-0
2531.00	DST 3A+B	231.4	115.6	0031-0
2573.70	S/Sst	151.5	87.3	0021-1
2582.20	DST 2	144.3	58.0	0032-0
2584.00	S/Sst	217.2	99.0	0023-1
2596.30	Sltst	351.0	189.3	0024-1
2602.50	Sltst	602.8	12.3	0025-1

Table 9k: Raw triterpane data (peak height) m/z 177 SIR for Well NOCS 6608/10-4

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>25nor28aß</u>	<u>25nor30aß</u>	<u>Sample</u>
2610.50	S/Sst	5.9	0.0	0026-1
2673.90	Sh/Clst	10839.0	121.0	0027-1
2687.00	Sh/Clst	2217.3	36.4	0028-1

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SECTOR FOR GEOTECHNOLOGY**Geochemistry Department**

Grading

Title RESERVOIR STUDY DATA REPORT FOR WELL NOCS 6608/10-4		
Requested by Turid Heide, RUN NORD	Project	
Date 11/8/94	No. of pages	No. of enclosures

Key words reservoir geochemistry, migrated petroleum, well 6608/10-4
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Abstract A number of extract analyses originally specified in the contract were not carried out for a few samples due to lack of sample material. This was agreed with the client during the course of the project.

Prepared by Geolab Nor Richard Patience
Text operator Geolab Nor

Approved by

11/8/94



Richard Patience,
Geochemistry Dept

BA.94-1948-1

NOCS 6608/10-4

RESERVOIR STUDY DATA REPORT

NOCS 6608/10-4

Table 1 : Lithology description for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2562.00	ccp					0036
			100	S/Sst : m ol gy to m lt gy, cly		0036-11
2567.00	ccp					0037
			100	Sh/Clst: drk gy, slt, s		0037-11
2571.00	ccp					0038
			100	Sh/Clst: drk gy, slt, s		0038-11
2571.75	ccp					0039
			100	S/Sst : m y brn		0039-11
2572.00	ccp					0040
			100	S/Sst : m y brn		0040-11
2573.00	ccp					0041
			100	S/Sst : m y brn		0041-11
2576.25	ccp					0042
			100	S/Sst : m ol gy		0042-11

Table 1 : Lithology description for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2577.25	ccp					0043
		100	S/Sst	: m ol gy		0043-1L
2578.25	ccp					0044
		100	S/Sst	: m y gy, cly		0044-1L
2581.75	ccp					0045
		100	S/Sst	: m lt y brn		0045-1L
2584.50	ccp					0046
		100	S/Sst	: m y brn		0046-1L
2585.00	ccp					0047
		100	S/Sst	: m y gy		0047-1L
2586.00	ccp					0048
		100	S/Sst	: m gy, cly		0048-1L
2587.00	ccp					0049
		100	S/Sst	: m lt gy, cly		0049-1L
2587.75	ccp					0050
		100	S/Sst	: m lt gy, cly		0050-1L

Table 1 : Lithology description for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description			
2589.25	ccp					0051
		100	S/Sst	: m	lt gy	0051-11
2592.25	ccp					0052
		100	S/Sst	: m	lt gy, cly	0052-11
2595.00	ccp					0053
		100	S/Sst	: m	lt ol gy	0053-11
2597.25	ccp					0054
		100	S/Sst	: m	lt ol gy	0054-11
2599.25	ccp					0055
		100	S/Sst	: m	lt ol gy	0055-11
2599.75	ccp					0056
		100	S/Sst	: m	drk gy, cly	0056-11
2600.25	ccp					0057
		100	S/Sst	: m	lt y gy, cly	0057-11
2600.50	ccp					0058
		100	S/Sst	: m	lt y gy	0058-11

Table 1 : Lithology description for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2601.00	ccp					0059
		100	S/Sst	: m lt ol gy, cly		0059-1L
2602.00	ccp					0060
		100	S/Sst	: m lt ol gy, cly		0060-1L
2602.75	ccp					0061
		100	S/Sst	: m drk gy, cly		0061-1L
2603.25	ccp					0062
		100	S/Sst	: m lt y gy, cly		0062-1L
2604.25	ccp					0063
		100	Sh/Clst	: drk gy		0063-1L
2615.50	ccp					0064
		100	S/Sst	: lt gy w		0064-1L
2687.50	ccp					0065
		100	S/Sst	: lt gy w		0065-1L
2693.25	ccp					0066
		100	S/Sst	: lt gy w, crs		0066-1L
2534.00	ccp					0023
		100	S/Sst	: lt y brn to w, f		0023-1L

Table 2 : Rock-Eval table for well H003 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2562.00	ccp	S/Sst : m ol gy to m lt gy	0.14	0.64	0.12	5.33	-	-	-	0.8	0.18	440	0036-1L
2567.00	ccp	Sh/Clst: drk gy	0.17	0.73	0.07	10.43	-	-	-	0.9	0.19	429	0037-1L
2571.00	ccp	Sh/Clst: drk gy	0.16	0.62	0.07	8.86	-	-	-	0.8	0.21	434	0038-1L
2571.75	ccp	S/Sst : m y brn	21.22	2.09	0.05	41.80	-	-	-	23.3	0.91	368	0039-1L
2572.00	ccp	S/Sst : m y brn	29.03	3.94	0.09	43.78	-	-	-	33.0	0.88	350	0040-1L
2573.00	ccp	S/Sst : m y brn	29.79	3.95	0.09	43.89	-	-	-	33.7	0.88	348	0041-1L
2576.25	ccp	S/Sst : m ol gy	11.85	1.91	0.21	9.10	-	-	-	13.8	0.86	400	0042-1L
2577.25	ccp	S/Sst : m ol gy	20.03	3.18	0.09	35.33	-	-	-	23.2	0.86	412	0043-1L
2578.25	ccp	S/Sst : m y gy	11.31	4.58	0.40	11.45	-	-	-	15.9	0.71	423	0044-1L
2581.75	ccp	S/Sst : m lt y brn	20.82	3.53	0.12	29.42	-	-	-	24.4	0.86	347	0045-1L
2584.50	ccp	S/Sst : m y brn	17.67	2.66	0.09	29.56	-	-	-	20.3	0.87	392	0046-1L
2585.00	ccp	S/Sst : m y gy	13.03	1.96	0.01	196.00	-	-	-	15.0	0.87	393	0047-1L
2586.00	ccp	S/Sst : m gy	3.09	2.29	0.45	5.09	-	-	-	5.4	0.57	433	0048-1L
2587.00	ccp	S/Sst : m lt gy	4.58	2.38	0.59	4.03	-	-	-	7.0	0.66	420	0049-1L
2587.75	ccp	S/Sst : m lt gy	4.56	1.77	0.24	7.38	-	-	-	6.3	0.72	429	0050-1L

Table 2 : Rock-Eval Table for well HCES 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2589.25	ccp	S/Sst : m lt gy	3.94	1.71	0.20	8.55	-	-	-	5.7	0.70	418	0051-1L
2592.25	ccp	S/Sst : m lt gy	3.62	2.08	0.42	4.95	-	-	-	5.7	0.64	434	0052-1L
2595.00	ccp	S/Sst : m lt ol gy	6.47	1.71	0.19	9.00	-	-	-	8.2	0.79	407	0053-1L
2597.25	ccp	S/Sst : m lt ol gy	7.98	2.39	0.22	10.86	-	-	-	10.4	0.77	405	0054-1L
2599.25	ccp	S/Sst : m lt ol gy	7.12	2.34	0.14	16.71	-	-	-	9.5	0.75	427	0055-1L
2599.75	ccp	S/Sst : m drk gy	0.43	1.55	0.29	5.34	-	-	-	2.0	0.22	438	0056-1L
2600.25	ccp	S/Sst : m lt y gy	1.03	0.53	0.43	1.23	-	-	-	1.6	0.66	435	0057-1L
2600.50	ccp	S/Sst : m lt y gy	6.08	1.95	0.15	13.00	-	-	-	8.0	0.76	430	0058-1L
2601.00	ccp	S/Sst : m lt ol gy	1.28	3.62	0.35	10.34	-	-	-	4.9	0.26	441	0059-1L
2602.00	ccp	S/Sst : m lt ol gy	0.29	1.40	0.36	3.89	-	-	-	1.7	0.17	442	0060-1L
2602.75	ccp	S/Sst : m drk gy	0.45	4.09	0.88	4.65	-	-	-	4.5	0.10	443	0061-1L
2603.25	ccp	S/Sst : m lt y gy	0.24	1.57	1.05	1.50	-	-	-	1.8	0.13	442	0062-1L
2604.25	ccp	Sh/C1st: drk gy	0.91	10.50	0.71	14.79	-	-	-	11.4	0.08	439	0063-1L
2615.50	ccp	S/Sst : lt gy w	0.05	0.36	0.30	1.20	-	-	-	0.4	0.12	557	0064-1L
2687.50	ccp	S/Sst : lt gy w	0.05	0.14	0.31	0.45	-	-	-	0.2	0.26	528	0065-1L

Table 2 : Rock-Eval table for well HXSS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2693.25	ccp	S/Sst : lt gy w	0.03	0.09	0.33	0.27	-	-	-	0.1	0.25	505	0066-1L
2584.00	ccp	S/Sst : lt y brn to w	16.83	2.46	0.24	10.25	-	-	-	19.3	0.87	379	0023-1L

Table 2b: Values for Rock-Eval standard BLACK VEN MARL
 Well NOCS 6608/10-4

TMax	S1	S2	S3
419	0.49	18.45	1.92
417	0.52	18.87	1.95

Table 3 a: Weight of EOM and Chromatographic Fraction for well NOCS 6608/10-4

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
2562.00	ccp	S/Sst : m ol gy to m ll gy	11.2	1.9	-	-	0.4	-	-	-	0.65	0036-1L
2567.00	ccp	Sh/Clst: drk gy	10.9	2.2	-	-	0.3	-	-	-	0.84	0037-1L
2571.00	ccp	Sh/Clst: drk gy	11.3	3.1	-	-	0.4	-	-	-	0.69	0038-1L
2571.75	ccp	S/Sst : m y bn	10.3	224.2	193.6	10.8	3.3	16.5	204.4	19.9	1.73	0039-1L
2572.00	ccp	S/Sst : m y bn	10.5	351.2	293.4	21.4	9.3	27.1	314.8	36.3	2.25	0040-1L
2573.00	ccp	S/Sst : m y bn	10.0	350.3	299.6	21.7	3.0	25.9	321.3	28.9	2.23	0041-1L
2576.25	ccp	S/Sst : m ol gy	10.6	155.5	137.0	7.1	1.3	10.1	144.1	11.4	1.88	0042-1L
2577.25	ccp	S/Sst : m ol gy	11.4	197.2	161.3	14.6	4.0	17.4	175.9	21.3	1.70	0043-1L
2578.25	ccp	S/Sst : m y gy	10.2	147.4	126.4	9.4	2.5	9.1	135.8	11.6	1.87	0044-1L
2581.75	ccp	S/Sst : m ll y bn	10.4	274.9	237.4	14.8	2.6	20.1	252.2	22.7	1.68	0045-1L
2584.50	ccp	S/Sst : m y bn	10.2	209.4	177.9	12.0	6.4	13.1	189.8	19.6	1.70	0046-1L
2585.00	ccp	S/Sst : m y gy	11.6	189.3	161.1	11.7	4.0	12.4	172.8	16.4	1.32	0047-1L
2586.00	ccp	S/Sst : m gy	10.1	49.7	36.4	4.4	1.3	7.7	40.8	8.9	1.39	0048-1L
2587.00	ccp	S/Sst : m ll gy	10.3	47.5	36.1	7.4	0.5	3.6	43.5	4.1	1.58	0049-1L

Table 3 a: Weight of EOM and Chromatographic Fraction for well NOCS 6608/10-4

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
2587.75	ccp	S/Sst : m ll gy	10.4	65.4	49.9	9.2	1.5	4.8	59.1	6.3	1.10	0050-1L
2589.25	ccp	S/Sst : m ll gy	10.0	52.3	40.0	7.0	1.1	4.3	47.0	5.4	0.90	0051-1L
2592.25	ccp	S/Sst : m ll gy	10.0	49.2	32.9	8.4	0.9	7.0	41.3	7.9	1.41	0052-1L
2595.00	ccp	S/Sst : m ll ol gy	10.8	97.8	73.9	11.6	1.5	10.9	85.5	12.3	0.90	0053-1L
2597.25	ccp	S/Sst : m ll ol gy	10.7	123.6	98.0	12.5	0.8	12.3	110.5	13.1	1.03	0054-1L
2599.25	ccp	S/Sst : m ll ol gy	10.5	129.8	101.5	16.3	1.9	10.1	117.7	12.0	1.06	0055-1L
2599.75	ccp	S/Sst : m drk gy	11.3	4.4	1.2	2.0	0.4	0.9	3.2	1.3	1.26	0056-1L
2600.25	ccp	S/Sst : m ll y gy	10.7	16.3	10.6	3.0	0.7	1.9	13.6	2.6	0.67	0057-1L
2600.50	ccp	S/Sst : m ll y gy	10.3	80.2	59.4	12.8	1.9	6.1	72.2	8.1	1.31	0058-1L
2601.00	ccp	S/Sst : m ll ol gy	10.1	5.3	2.7	1.5	0.4	0.8	4.2	1.1	1.68	0059-1L
2602.00	ccp	S/Sst : m ll ol gy	10.6	4.3	-	-	0.3	-	-	-	0.91	0060-1L
2602.75	ccp	S/Sst : m drk gy	10.3	5.2	-	-	0.6	-	-	-	1.67	0061-1L
2603.25	ccp	S/Sst : m ll y gy	10.7	3.4	-	-	0.4	-	-	-	0.79	0062-1L
2604.25	ccp	Sh/Clst: drk gy	10.6	4.3	0.8	2.1	0.4	1.1	2.8	1.5	3.76	0063-1L

Table 3 a: Weight of EOM and Chromatographic Fraction for well NOCS 6608/10-4

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
2615.50	ccp	S/Sst : lt gy w	10.8	2.0	-	-	0.2	-	-	-	0.12	0064-1L
2687.50	ccp	S/Sst : lt gy w	10.4	1.9	-	-	0.3	-	-	-	0.12	0065-1L
2693.25	ccp	S/Sst : lt gy w	10.6	1.7	-	-	0.3	-	-	-	0.10	0066-1L
2584.00	ccp	S/Sst : lt gy brn f. w	11.5	221.8	171.8	25.8	7.5	16.7	197.6	24.2	1.40	0023-1L

Table 3 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2562.00	ccp	S/Sst : m of gy to m ll gy	170	-	-	35	-	-	-	0036-1L
2567.00	ccp	Sh/Clst: drk gy	202	-	-	27	-	-	-	0037-1L
2571.00	ccp	Sh/Clst: drk gy	274	-	-	35	-	-	-	0038-1L
2571.75	ccp	S/Sst : m y bn	21770	18799	1044	323	1603	19843	1927	0039-1L
2572.00	ccp	S/Sst : m y bn	33316	27838	2031	878	2568	29870	3446	0040-1L
2573.00	ccp	S/Sst : m y bn	34888	29844	2161	299	2582	32005	2882	0041-1L
2576.25	ccp	S/Sst : m of gy	14666	12923	670	117	953	13594	1071	0042-1L
2577.25	ccp	S/Sst : m of gy	17252	14110	1279	345	1517	15389	1863	0043-1L
2578.25	ccp	S/Sst : m y gy	14510	12441	925	250	892	13367	1143	0044-1L
2581.75	ccp	S/Sst : m ll y bn	26410	22801	1425	252	1930	24226	2183	0045-1L
2584.50	ccp	S/Sst : m y bn	20487	17404	1170	629	1283	18574	1912	0046-1L
2585.00	ccp	S/Sst : m y gy	16247	13830	1005	345	1066	14836	1411	0047-1L
2586.00	ccp	S/Sst : m gy	4934	3610	436	127	759	4047	886	0048-1L
2587.00	ccp	S/Sst : m ll gy	4615	3504	714	46	349	4219	396	0049-1L

Table 3b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2587.75	ccp	S/Sst : m lt gy	6264	4783	881	141	457	5664	599	0050-1L
2589.25	ccp	S/Sst : m lt gy	5218	3986	694	112	424	4680	537	0051-1L
2592.25	ccp	S/Sst : m lt gy	4913	3288	835	90	698	4123	789	0052-1L
2595.00	ccp	S/Sst : m lt ol gy	9076	6858	1072	136	1009	7931	1145	0053-1L
2597.25	ccp	S/Sst : m lt ol gy	11527	9138	1167	69	1151	10305	1221	0054-1L
2599.25	ccp	S/Sst : m lt ol gy	12335	9646	1545	184	959	11192	1143	0055-1L
2599.75	ccp	S/Sst : m drk gy	393	106	172	35	79	278	115	0056-1L
2600.25	ccp	S/Sst : m lt y gy	1525	995	282	66	181	1277	247	0057-1L
2600.50	ccp	S/Sst : m lt y gy	7825	5794	1244	188	598	7039	786	0058-1L
2601.00	ccp	S/Sst : m lt ol gy	527	266	147	39	73	414	113	0059-1L
2602.00	ccp	S/Sst : m lt ol gy	406	-	-	28	-	-	-	0060-1L
2602.75	ccp	S/Sst : m drk gy	505	-	-	58	-	-	-	0061-1L
2603.25	ccp	S/Sst : m lt y gy	318	-	-	37	-	-	-	0062-1L
2604.25	ccp	Sh/Clst: drk gy	405	70	198	37	99	268	136	0063-1L

Table 3b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2615.50	ccp	S/Sst : lt gy w	185	-	-	18	-	-	-	0064-1L
2687.50	ccp	S/Sst : lt gy w	183	-	-	28	-	-	-	0065-1L
2693.25	ccp	S/Sst : lt gy w	160	-	-	28	-	-	-	0066-1L
2584.00	ccp	S/Sst : lt y bn to w	19290	14936	2246	652	1454	17183	2106	0023-1L

Table 3c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2562.00	ccp	S/Sst : m ol gy to m ll gy	26.10	-	-	5.50	-	-	-	0036-1L
2567.00	ccp	Sh/Clst: drk gy	24.03	-	-	3.27	-	-	-	0037-1L
2571.00	ccp	Sh/Clst: drk gy	39.76	-	-	5.15	-	-	-	0038-1L
2571.75	ccp	S/Sst : m y brn	1258.43	1086.65	60.38	18.69	92.71	1147.03	111.40	0039-1L
2572.00	ccp	S/Sst : m y brn	1480.75	1237.28	90.28	39.05	114.15	1327.56	153.19	0040-1L
2573.00	ccp	S/Sst : m y brn	1564.50	1338.32	96.92	13.44	115.81	1435.25	129.26	0041-1L
2576.25	ccp	S/Sst : m ol gy	780.11	687.42	35.68	6.27	50.73	723.10	57.01	0042-1L
2577.25	ccp	S/Sst : m ol gy	1014.87	830.01	75.24	20.33	89.29	905.25	109.62	0043-1L
2578.25	ccp	S/Sst : m y gy	775.98	665.34	49.48	13.42	47.74	714.82	61.16	0044-1L
2581.75	ccp	S/Sst : m ll y brn	1572.03	1357.21	84.85	15.04	114.93	1442.07	129.97	0045-1L
2584.50	ccp	S/Sst : m y brn	1205.13	1023.77	68.84	37.01	75.52	1092.61	112.52	0046-1L
2585.00	ccp	S/Sst : m y gy	1230.85	1047.80	76.15	26.14	80.76	1123.94	106.91	0047-1L
2586.00	ccp	S/Sst : m gy	355.00	259.76	31.43	9.14	54.65	291.20	63.80	0048-1L
2587.00	ccp	S/Sst : m ll gy	292.12	221.83	45.23	2.95	22.12	267.05	25.07	0049-1L

Table 3c: Concentration of PAH and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2587.75	ccp	S/Sst : m dk gy	569.49	434.87	80.11	12.89	41.62	514.98	54.51	0050-1L
2589.25	ccp	S/Sst : m dk gy	579.82	442.89	77.21	12.52	47.19	520.11	59.71	0051-1L
2592.25	ccp	S/Sst : m dk gy	348.45	233.24	59.23	6.45	49.52	292.47	55.97	0052-1L
2595.00	ccp	S/Sst : m dk ol gy	1008.55	762.11	119.15	15.15	112.14	881.26	127.29	0053-1L
2597.25	ccp	S/Sst : m dk ol gy	1119.13	887.19	113.39	6.79	111.76	1000.58	118.55	0054-1L
2599.25	ccp	S/Sst : m dk ol gy	1163.73	910.04	145.81	17.40	90.48	1055.85	107.88	0055-1L
2599.75	ccp	S/Sst : m dk gy	31.25	8.43	13.70	2.81	6.32	22.12	9.13	0056-1L
2600.25	ccp	S/Sst : m dk y gy	227.66	148.55	42.14	9.94	27.02	190.70	36.96	0057-1L
2600.50	ccp	S/Sst : m dk y gy	597.36	442.30	95.03	14.37	45.65	537.33	60.03	0058-1L
2601.00	ccp	S/Sst : m dk ol gy	31.41	15.85	8.81	2.35	4.40	24.65	6.75	0059-1L
2602.00	ccp	S/Sst : m dk ol gy	44.58	-	-	3.11	-	-	-	0060-1L
2602.75	ccp	S/Sst : m dk gy	30.23	-	-	3.47	-	-	-	0061-1L
2603.25	ccp	S/Sst : m dk y gy	40.22	-	-	4.74	-	-	-	0062-1L
2604.25	ccp	Sh/Clst: dk gy	10.79	1.88	5.27	1.00	2.63	7.15	3.64	0063-1L

Table 3c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2615.50	ccp	S/Sst : ll gy w	154.32	-	-	15.49	-	-	-	0064-1L
2687.50	ccp	S/Sst : ll gy w	152.24	-	-	23.99	-	-	-	0065-1L
2693.25	ccp	S/Sst : ll gy w	160.38	-	-	28.44	-	-	-	0066-1L
2584.00	ccp	S/Sst : ll y bed	1377.89	1066.89	160.50	46.58	103.91	1227.39	150.50	0023-1L

Table 3d: Composition of material extracted from the rock (%) for well NOCS 6608/10-4

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	
2562.00	ccp	S/Sst : m of gy to m ll gy	-	-	-	-	-	-	-	-	0036-1L
2567.00	ccp	Sh/Clst: drk gy	-	-	-	-	-	-	-	-	0037-1L
2571.00	ccp	Sh/Clst: drk gy	-	-	-	-	-	-	-	-	0038-1L
2571.75	ccp	S/Sst : m y bn	86.35	4.80	1.49	7.37	91.15	8.85	1799.54	1029.67	0039-1L
2572.00	ccp	S/Sst : m y bn	83.56	6.10	2.64	7.71	89.65	10.35	1370.48	866.58	0040-1L
2573.00	ccp	S/Sst : m y bn	85.54	6.20	0.86	7.40	91.74	8.26	1380.83	1110.37	0041-1L
2576.25	ccp	S/Sst : m of gy	88.12	4.57	0.80	6.50	92.69	7.31	1926.72	1268.49	0042-1L
2577.25	ccp	S/Sst : m of gy	81.78	7.41	2.00	8.80	89.20	10.80	1103.15	825.82	0043-1L
2578.25	ccp	S/Sst : m y gy	85.74	6.38	1.73	6.15	92.12	7.88	1344.79	1168.76	0044-1L
2581.75	ccp	S/Sst : m ll y bn	86.33	5.40	0.96	7.31	91.73	8.27	1599.46	1109.55	0045-1L
2584.50	ccp	S/Sst : m y bn	84.95	5.71	3.07	6.27	90.66	9.34	1487.21	971.00	0046-1L
2585.00	ccp	S/Sst : m y gy	85.13	6.19	2.12	6.56	91.31	8.69	1376.00	1051.34	0047-1L
2586.00	ccp	S/Sst : m gy	73.17	8.85	2.58	15.40	82.03	17.97	826.36	456.44	0048-1L
2587.00	ccp	S/Sst : m ll gy	75.94	15.48	1.01	7.57	91.42	8.58	490.49	1065.20	0049-1L

Table 3d: Composition of material extracted from the rock (%) for well NOCS 6608/10-4

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	
2587.75	ccp	S/Sst : m lt gy	76.36	14.07	2.26	7.31	90.43	9.57	542.83	944.73	0050-1L
2589.25	ccp	S/Sst : m lt gy	76.39	13.32	2.16	8.14	89.70	10.30	573.60	871.06	0051-1L
2592.25	ccp	S/Sst : m lt gy	66.94	17.00	1.85	14.21	83.94	16.06	393.78	522.53	0052-1L
2595.00	ccp	S/Sst : m lt ol gy	75.56	11.81	1.50	11.12	87.38	12.62	639.62	692.31	0053-1L
2597.25	ccp	S/Sst : m lt ol gy	79.27	10.13	0.61	9.99	89.41	10.59	782.43	844.00	0054-1L
2599.25	ccp	S/Sst : m lt ol gy	78.20	12.53	1.49	7.78	90.73	9.27	624.11	978.72	0055-1L
2599.75	ccp	S/Sst : m drk gy	26.97	43.82	8.99	20.22	70.79	29.21	61.54	242.31	0056-1L
2600.25	ccp	S/Sst : m lt y gy	65.25	18.51	4.37	11.87	83.76	16.24	352.49	515.91	0057-1L
2600.50	ccp	S/Sst : m lt y gy	74.04	15.91	2.41	7.64	89.95	10.05	465.44	895.16	0058-1L
2601.00	ccp	S/Sst : m lt ol gy	50.47	28.04	7.48	14.02	78.50	21.50	180.00	365.22	0059-1L
2602.00	ccp	S/Sst : m lt ol gy	-	-	-	-	-	-	-	-	0060-1L
2602.75	ccp	S/Sst : m drk gy	-	-	-	-	-	-	-	-	0061-1L
2603.25	ccp	S/Sst : m lt y gy	-	-	-	-	-	-	-	-	0062-1L
2604.25	ccp	Sh/Clst: drk gy	17.44	48.84	9.30	24.42	66.28	33.72	35.71	196.55	0063-1L

Table 3d: Composition of material extracted from the rock (%) for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	HC	Non-HC	Sat	HC	Sample
			EOM	EOM	EOM	EOM	EOM	EOM	Aro	Non-HC	
2615.50	ccp	S/Sst	-	-	-	-	-	-	-	-	0064-1L
2687.50	ccp	S/Sst	-	-	-	-	-	-	-	-	0065-1L
2693.25	ccp	S/Sst	-	-	-	-	-	-	-	-	0066-1L
2584.00	ccp	S/Sst	77.43	11.65	3.38	7.54	89.08	10.92	664.74	815.56	0023-1L

Table 4a: Results of TLC-FID analysis: Absolute yields in mg/g rock for well NOCS 6608/10-4

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Tot EOM</u>	<u>Sample</u>	
2562.00	ccp	L	SANDSTONE/SAND	0.006	0.001	0.006	0.036	0.007	0.042	0.049	0036-1	L
2567.00	ccp	L	SHALE/CLAYSTONE	0.008	0.004	0.008	0.027	0.012	0.036	0.048	0037-1	L
2571.00	ccp	L	SHALE/CLAYSTONE	0.008	0.025	0.015	0.036	0.033	0.051	0.084	0038-1	L
2571.75	ccp	L	SANDSTONE/SAND	8.840	3.593	0.808	0.323	12.433	1.131	13.565	0039-1	L
2572.00	ccp	L	SANDSTONE/SAND	14.197	6.132	1.265	0.879	20.329	2.144	22.472	0040-1	L
2573.00	ccp	L	SANDSTONE/SAND	14.952	6.365	1.261	0.300	21.317	1.561	22.879	0041-1	L
2576.25	ccp	L	SANDSTONE/SAND	5.720	1.942	0.447	0.118	7.662	0.565	8.227	0042-1	L
2577.25	ccp	L	SANDSTONE/SAND	8.376	3.752	0.463	0.345	12.128	0.809	12.936	0043-1	L
2578.25	ccp	L	SANDSTONE/SAND	5.441	2.035	0.354	0.251	7.475	0.606	8.081	0044-1	L
2581.75	ccp	L	SANDSTONE/SAND	10.596	5.183	0.701	0.253	15.779	0.954	16.733	0045-1	L
2584.50	ccp	L	SANDSTONE/SAND	7.161	2.353	0.340	0.629	9.514	0.969	10.483	0046-1	L
2585.00	ccp	L	SANDSTONE/SAND	4.742	2.021	0.294	0.345	6.763	0.640	7.403	0047-1	L
2586.00	ccp	L	SANDSTONE/SAND	1.444	0.631	0.114	0.127	2.075	0.241	2.316	0048-1	L
2587.00	ccp	L	SANDSTONE/SAND	1.770	0.712	0.126	0.047	2.481	0.172	2.653	0049-1	L
2587.75	ccp	L	SANDSTONE/SAND	2.672	1.086	0.136	0.142	3.758	0.278	4.036	0050-1	L
2589.25	ccp	L	SANDSTONE/SAND	2.179	0.775	0.102	0.113	2.954	0.215	3.169	0051-1	L

Table 4a: Results of TLC-FID analysis: Absolute yields in mg/g rock for well NOCS 6608/10-4

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Tot EOM</u>	<u>Sample</u>	
2592.25	ccp	L	SANDSTONE/SAND	1.613	0.696	0.077	0.091	2.309	0.168	2.476	0052-1	L
2595.00	ccp	L	SANDSTONE/SAND	3.474	1.062	0.121	0.137	4.536	0.258	4.793	0053-1	L
2597.25	ccp	L	SANDSTONE/SAND	4.336	1.459	0.128	0.070	5.795	0.198	5.993	0054-1	L
2599.25	ccp	L	SANDSTONE/SAND	3.622	1.242	0.152	0.184	4.864	0.336	5.200	0055-1	L
2599.75	ccp	L	SANDSTONE/SAND	0.046	0.111	0.027	0.035	0.157	0.062	0.219	0056-1	L
2600.25	ccp	L	SANDSTONE/SAND	0.633	0.303	0.053	0.066	0.936	0.119	1.055	0057-1	L
2600.50	ccp	L	SANDSTONE/SAND	3.204	1.040	0.210	0.188	4.245	0.398	4.643	0058-1	L
2601.00	ccp	L	SANDSTONE/SAND	0.039	0.105	0.033	0.039	0.144	0.073	0.217	0059-1	L
2602.00	ccp	L	SANDSTONE/SAND	0.033	0.053	0.018	0.028	0.085	0.047	0.132	0060-1	L
2602.75	ccp	L	SANDSTONE/SAND	0.019	0.076	0.024	0.058	0.095	0.082	0.177	0061-1	L
2603.25	ccp	L	SANDSTONE/SAND	0.011	0.024	0.010	0.037	0.035	0.047	0.082	0062-1	L
2604.25	ccp	L	SHALE/CLAYSTONE	0.026	0.085	0.031	0.038	0.111	0.068	0.179	0063-1	L
2615.50	ccp	L	SANDSTONE/SAND	0.019	0.004	0.005	0.019	0.023	0.024	0.047	0064-1	L
2687.50	ccp	L	SANDSTONE/SAND	0.006	0.001	0.003	0.029	0.008	0.032	0.040	0065-1	L
2693.25	ccp	L	SANDSTONE/SAND	0.011	0.002	0.007	0.028	0.013	0.035	0.048	0066-1	L
2584.00	ccp	L	SANDSTONE/SAND	7.416	3.017	0.451	0.652	10.434	1.103	11.537	0023-1	L

Table 4b: Results of TLC-FID analysis: Rel. percentages of sep. fractions for well NOCS 6608/10-4

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Sample</u>	
2562.00	ccp	L	SANDSTONE/SAHD	11.93	1.83	12.84	73.39	13.76	86.24	0036-1	L
2567.00	ccp	L	SHALE/CLAYSTONE	15.79	9.09	17.70	57.42	24.88	75.12	0037-1	L
2571.00	ccp	L	SHALE/CLAYSTONE	10.05	29.63	17.99	42.33	39.68	60.32	0038-1	L
2571.75	ccp	L	SANDSTONE/SAHD	65.17	26.49	5.96	2.38	91.66	8.34	0039-1	L
2572.00	ccp	L	SANDSTONE/SAHD	63.17	27.29	5.63	3.91	90.46	9.54	0040-1	L
2573.00	ccp	L	SANDSTONE/SAHD	65.35	27.82	5.51	1.31	93.18	6.82	0041-1	L
2576.25	ccp	L	SANDSTONE/SAHD	69.53	23.61	5.44	1.43	93.13	6.87	0042-1	L
2577.25	ccp	L	SANDSTONE/SAHD	64.75	29.00	3.58	2.67	93.75	6.25	0043-1	L
2578.25	ccp	L	SANDSTONE/SAHD	67.33	25.18	4.38	3.11	92.50	7.50	0044-1	L
2581.75	ccp	L	SANDSTONE/SAHD	63.32	30.98	4.19	1.51	94.30	5.70	0045-1	L
2584.50	ccp	L	SANDSTONE/SAHD	68.31	22.45	3.24	6.00	90.76	9.24	0046-1	L
2585.00	ccp	L	SANDSTONE/SAHD	64.06	27.30	3.98	4.66	91.36	8.64	0047-1	L
2586.00	ccp	L	SANDSTONE/SAHD	62.36	27.24	4.92	5.47	89.61	10.39	0048-1	L
2587.00	ccp	L	SANDSTONE/SAHD	66.70	26.82	4.73	1.75	93.51	6.49	0049-1	L
2587.75	ccp	L	SANDSTONE/SAHD	66.22	26.90	3.37	3.51	93.12	6.88	0050-1	L
2589.25	ccp	L	SANDSTONE/SAHD	68.78	24.44	3.21	3.57	93.22	6.78	0051-1	L

Table 4b: Results of TIC-FID analysis: Rel. percentages of sep. fractions for well NOCS 6608/10-4

Depth unit of measure: m

<u>Depth</u>	<u>S Tp</u>	<u>F Tp</u>	<u>Lithology</u>	<u>Sat HC</u>	<u>Aro HC</u>	<u>Resins</u>	<u>Asp</u>	<u>Tot HC</u>	<u>Tot Pol</u>	<u>Sample</u>	
2592.25	ccp	L	SANDSTONE/SAND	65.14	28.10	3.10	3.67	93.23	6.77	0052-1	L
2595.00	ccp	L	SANDSTONE/SAND	72.48	22.15	2.52	2.85	94.63	5.37	0053-1	L
2597.25	ccp	L	SANDSTONE/SAND	72.36	24.35	2.13	1.16	96.70	3.30	0054-1	L
2599.25	ccp	L	SANDSTONE/SAND	69.66	23.88	2.92	3.55	93.53	6.47	0055-1	L
2599.75	ccp	L	SANDSTONE/SAND	21.19	50.55	12.11	16.15	71.75	28.25	0056-1	L
2600.25	ccp	L	SANDSTONE/SAND	59.98	28.71	5.03	6.29	88.69	11.31	0057-1	L
2600.50	ccp	L	SANDSTONE/SAND	69.01	22.41	4.53	4.05	91.42	8.58	0058-1	L
2601.00	ccp	L	SANDSTONE/SAND	18.07	48.41	15.34	18.18	66.48	33.52	0059-1	L
2602.00	ccp	L	SANDSTONE/SAND	24.73	39.96	13.80	21.51	64.70	35.30	0060-1	L
2602.75	ccp	L	SANDSTONE/SAND	10.66	43.17	13.39	32.79	53.83	46.17	0061-1	L
2603.25	ccp	L	SANDSTONE/SAND	13.64	28.69	12.22	45.45	42.33	57.67	0062-1	L
2604.25	ccp	L	SHALE/CLAYSTONE	14.49	47.30	17.13	21.08	61.79	38.21	0063-1	L
2615.50	ccp	L	SANDSTONE/SAND	40.20	9.18	10.92	39.70	49.38	50.62	0064-1	L
2687.50	ccp	L	SANDSTONE/SAND	16.36	3.03	7.88	72.73	19.39	80.61	0065-1	L
2693.25	ccp	L	SANDSTONE/SAND	23.15	3.94	13.79	59.11	27.09	72.91	0066-1	L
2584.00	ccp	L	SANDSTONE/SAND	64.28	26.15	3.91	5.65	90.44	9.56	0023-1	L

Table 5: Saturated Hydrocarbon Ratios for well NOCS 6608/10-4

Depth unit of measure: m		Pristane	Pristane	Pristane/nC17	Phytane		nC17	
Depth	Type Lithology	nC17	Phytane	Phytane/nC18	nC18	CPI1	nC17+nC27	Sample
2571.75	ccp S/Sst : m y bn	0.58	2.07	2.01	0.29	1.13	0.78	0039-1L
2572.00	ccp S/Sst : m y bn	0.56	2.05	1.97	0.28	1.10	0.81	0040-1L
2573.00	ccp S/Sst : m y bn	0.57	2.00	1.90	0.30	1.14	0.78	0041-1L
2576.25	ccp S/Sst : m ol gy	0.55	2.03	1.96	0.28	1.10	0.76	0042-1L
2577.25	ccp S/Sst : m ol gy	0.59	1.97	1.88	0.31	1.14	0.85	0043-1L
2578.25	ccp S/Sst : m y gy	0.58	2.04	2.00	0.29	1.12	0.81	0044-1L
2581.75	ccp S/Sst : m ll y bn	0.56	1.97	1.97	0.29	1.13	0.79	0045-1L
2584.50	ccp S/Sst : m y bn	0.57	2.02	1.96	0.29	1.17	0.78	0046-1L
2585.00	ccp S/Sst : m y gy	0.58	2.03	1.96	0.30	1.10	0.76	0047-1L
2586.00	ccp S/Sst : m gy	0.58	2.03	1.91	0.30	1.14	0.82	0048-1L
2587.00	ccp S/Sst : m ll gy	0.58	2.00	1.93	0.30	1.12	0.77	0049-1L
2587.75	ccp S/Sst : m ll gy	0.59	2.02	1.94	0.30	1.13	0.76	0050-1L
2589.25	ccp S/Sst : m ll gy	0.59	1.95	1.91	0.31	1.11	0.73	0051-1L
2592.25	ccp S/Sst : m ll gy	0.61	1.95	1.93	0.32	1.11	0.75	0052-1L
2595.00	ccp S/Sst : m ll ol gy	0.60	1.94	1.98	0.30	1.13	0.76	0053-1L

Table 5: Saturated Hydrocarbon Ratios for well NOCS 6608/10-4

Depth unit of measure: m			Pristane	Pristane	Pristane/nC17	Phytane		nC17	
Depth	Typ	Lithology	nC17	Phytane	Phytane/nC18	nC18	CPI1	nC17+nC27	Sample
2597.25	ccp	S/Sst : m ll. ol gy	0.57	2.00	1.98	0.29	1.10	0.76	0054-1L
2599.25	ccp	S/Sst : m ll. ol gy	0.51	2.11	1.97	0.26	1.09	0.79	0055-1L
2599.75	ccp	S/Sst : m drk gy	0.51	2.17	1.94	0.26	1.17	0.90	0056-1L
2600.25	ccp	S/Sst : m ll. y gy	0.58	1.95	1.87	0.31	1.13	0.79	0057-1L
2600.50	ccp	S/Sst : m ll. y gy	0.60	1.95	1.92	0.31	1.11	0.73	0058-1L
2601.00	ccp	S/Sst : m ll. ol gy	0.82	3.00	3.04	0.27	1.14	0.75	0059-1L
2604.25	ccp	Sh/Clst: drk gy	1.41	4.69	4.47	0.32	1.62	0.73	0063-1L
2584.00	ccp	S/Sst : lt. y bn low	0.57	2.01	1.96	0.29	1.10	0.77	0023-1L

Table 6a: Aromatic Hydrocarbon Ratios for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2571.75	ccp	S/Sst : m y bn	1.42	0.85	1.83	1.28	0.97	0.99	0.98	0.19	15.86	4.00	0039-1L
2572.00	ccp	S/Sst : m y bn	1.56	1.03	1.20	1.26	0.96	1.00	0.98	0.28	15.62	3.65	0040-1L
2573.00	ccp	S/Sst : m y bn	1.76	0.81	2.71	1.22	0.96	0.99	0.98	0.21	16.88	4.29	0041-1L
2576.25	ccp	S/Sst : m ol gy	1.50	0.59	5.22	1.15	0.93	0.98	0.96	0.15	16.59	4.91	0042-1L
2577.25	ccp	S/Sst : m ol gy	1.74	0.87	2.45	1.21	0.96	0.99	0.98	0.21	16.45	4.25	0043-1L
2578.25	ccp	S/Sst : m y gy	1.76	1.07	1.54	1.20	0.94	0.98	0.96	0.23	17.46	4.12	0044-1L
2581.75	ccp	S/Sst : m ll y bn	1.45	0.52	5.67	1.23	0.96	0.99	0.98	0.16	15.66	4.59	0045-1L
2584.50	ccp	S/Sst : m y bn	1.61	0.91	1.77	1.31	0.97	1.01	0.98	0.23	16.34	3.92	0046-1L
2585.00	ccp	S/Sst : m y gy	1.63	1.16	1.15	1.29	0.97	1.00	0.98	0.26	16.19	3.70	0047-1L
2586.00	ccp	S/Sst : m gy	1.81	1.06	1.50	1.19	0.93	0.99	0.96	0.22	19.46	4.66	0048-1L
2587.00	ccp	S/Sst : m ll gy	1.38	2.38	0.51	1.28	0.86	0.94	0.92	0.26	17.27	3.08	0049-1L
2587.75	ccp	S/Sst : m ll gy	1.42	2.33	0.50	1.25	0.88	0.94	0.93	0.29	16.01	2.94	0050-1L
2589.25	ccp	S/Sst : m ll gy	1.41	2.38	0.48	1.24	0.90	0.98	0.94	0.31	15.41	3.01	0051-1L
2592.25	ccp	S/Sst : m ll gy	1.39	2.37	0.53	1.23	0.86	0.92	0.92	0.26	16.67	3.15	0052-1L
2595.00	ccp	S/Sst : m ll ol gy	1.46	2.33	0.42	1.20	0.88	0.93	0.93	0.35	14.03	2.69	0053-1L
2597.25	ccp	S/Sst : m ll ol gy	1.38	2.61	0.52	1.23	0.90	0.94	0.94	0.36	15.45	2.83	0054-1L

Table 6a: Aromatic Hydrocarbon Ratios for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2599.25	ccp S/Sst : m dk gy	1.43	2.24	0.48	1.26	0.82	0.87	0.89	0.33	14.28	2.57	0055-1L
2599.75	ccp S/Sst : m dk gy	0.79	2.21	0.30	1.19	0.92	1.04	0.95	0.22	16.65	4.50	0056-1L
2600.25	ccp S/Sst : m dk gy	1.01	2.04	0.29	1.26	0.84	0.90	0.90	0.26	17.27	3.14	0057-1L
2600.50	ccp S/Sst : m dk gy	1.45	2.30	0.51	1.24	0.81	0.86	0.89	0.29	14.81	2.63	0058-1L
2601.00	ccp S/Sst : m dk gy	-	2.40	0.23	1.17	0.79	0.89	0.87	0.14	18.71	3.34	0059-1L
2604.25	ccp Sh/Clst: dk gy	0.76	2.49	0.40	1.07	0.61	0.66	0.77	0.11	15.44	2.68	0063-1L
2584.00	ccp S/Sst : dk gy	1.34	2.41	0.44	1.19	0.89	0.92	0.93	0.39	14.03	2.65	0023-1L

Table 6b: Aromatic Hydrocarbon Ratios for well NOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
2571.75	ccp	S/Sst : m y bn	0.55	0.28	0039-1L
2572.00	ccp	S/Sst : m y bn	0.54	0.28	0040-1L
2573.00	ccp	S/Sst : m y bn	0.54	0.28	0041-1L
2576.25	ccp	S/Sst : m ol qz	0.52	0.28	0042-1L
2577.25	ccp	S/Sst : m ol qz	0.54	0.28	0043-1L
2578.25	ccp	S/Sst : m y qz	0.53	0.28	0044-1L
2581.75	ccp	S/Sst : m ll y bn	0.54	0.28	0045-1L
2584.50	ccp	S/Sst : m y bn	0.55	0.29	0046-1L
2585.00	ccp	S/Sst : m y qz	0.55	0.28	0047-1L
2586.00	ccp	S/Sst : m qz	0.53	0.28	0048-1L
2587.00	ccp	S/Sst : m ll qz	0.52	0.28	0049-1L
2587.75	ccp	S/Sst : m ll qz	0.52	0.28	0050-1L
2589.25	ccp	S/Sst : m ll qz	0.52	0.28	0051-1L
2592.25	ccp	S/Sst : m ll qz	0.52	0.28	0052-1L
2595.00	ccp	S/Sst : m ll ol qz	0.52	0.27	0053-1L
2597.25	ccp	S/Sst : m ll ol qz	0.52	0.27	0054-1L

Table 6b: Aromatic Hydrocarbon Ratios for well HOCS 6608/10-4

Depth unit of measure: m

Depth	Typ	Lithology	F1	F2	Sample
2599.25	ccp	S/Sst : m dk qz	0.52	0.27	0055-1L
2599.75	ccp	S/Sst : m dk qz	0.53	0.30	0056-1L
2600.25	ccp	S/Sst : m dk qz	0.53	0.28	0057-1L
2600.50	ccp	S/Sst : m dk qz	0.52	0.27	0058-1L
2601.00	ccp	S/Sst : m dk qz	0.51	0.29	0059-1L
2604.25	ccp	Sh/Clst: dk qz	0.50	0.27	0063-1L
2584.00	ccp	S/Sst : dk y bn to qz	0.52	0.27	0023-1L

Table 7A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 6608/10-4

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
2562.00	S/Sst	1.71	0.63	0.19	0.53	0.35	0.10	0.11	0.21	0.10	0.25	0.72	0.32	0.34	36.82	0036-1
2567.00	Sh/Clst	3.05	0.75	0.26	0.67	0.40	0.12	-	-	-	0.12	0.67	0.41	0.53	30.51	0037-1
2571.00	Sh/Clst	2.49	0.71	0.19	0.33	0.25	0.08	0.09	0.28	0.08	0.07	0.84	0.27	0.23	37.25	0038-1
2571.75	S/Sst	1.06	0.52	0.12	0.48	0.32	0.07	0.09	0.19	0.08	0.04	0.92	0.33	0.09	61.20	0039-1
2572.00	S/Sst	1.26	0.56	0.08	0.35	0.26	0.03	0.04	0.12	0.04	0.04	0.95	0.26	0.06	63.54	0040-1
2573.00	S/Sst	1.06	0.51	0.11	0.45	0.31	0.04	0.06	0.12	0.05	0.01	0.95	0.32	0.06	64.49	0041-1
2576.25	S/Sst	1.19	0.54	0.11	0.46	0.31	0.04	0.05	0.11	0.05	0.07	0.96	0.32	0.05	65.78	0042-1
2577.25	S/Sst	1.08	0.52	0.12	0.45	0.31	0.05	0.06	0.14	0.06	0.06	0.94	0.32	0.07	62.75	0043-1
2578.25	S/Sst	1.09	0.52	0.12	0.48	0.33	0.06	0.07	0.15	0.07	0.05	0.93	0.33	0.08	63.09	0044-1
2581.75	S/Sst	1.19	0.54	0.13	0.47	0.32	0.07	0.08	0.17	0.08	0.05	0.92	0.33	0.09	61.16	0045-1
2584.50	S/Sst	1.13	0.53	0.12	0.46	0.32	0.06	0.07	0.15	0.07	0.05	0.93	0.32	0.08	64.17	0046-1
2585.00	S/Sst	1.06	0.51	0.12	0.47	0.32	0.06	0.08	0.17	0.07	0.05	0.93	0.33	0.09	60.33	0047-1
2586.00	S/Sst	1.09	0.52	0.13	0.45	0.31	0.06	0.07	0.16	0.07	0.06	0.94	0.32	0.08	65.71	0048-1
2587.00	S/Sst	1.20	0.55	0.14	0.48	0.33	0.07	0.09	0.18	0.08	0.05	0.92	0.33	0.10	63.24	0049-1
2587.75	S/Sst	1.15	0.54	0.12	0.45	0.31	0.06	0.08	0.17	0.07	0.05	0.93	0.32	0.09	61.95	0050-1

Table 7A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 6608/10-4

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
2589.25	S/Sst	1.16	0.54	0.12	0.46	0.31	0.06	0.07	0.16	0.07	0.05	0.93	0.32	0.08	62.84	0051-1
2592.25	S/Sst	1.05	0.51	0.13	0.49	0.33	0.08	0.09	0.18	0.08	0.05	0.91	0.33	0.10	60.96	0052-1
2595.00	S/Sst	1.08	0.52	0.11	0.44	0.30	0.06	0.06	0.15	0.06	0.05	0.94	0.31	0.07	62.48	0053-1
2597.25	S/Sst	1.13	0.53	0.11	0.46	0.32	0.06	0.07	0.16	0.07	0.05	0.94	0.32	0.07	60.09	0054-1
2599.25	S/Sst	1.20	0.55	0.12	0.46	0.32	0.05	0.07	0.16	0.07	0.04	0.94	0.32	0.07	66.66	0055-1
2599.75	S/Sst	1.80	0.64	0.20	0.54	0.35	0.06	0.97	1.78	0.49	0.06	0.82	0.36	0.23	37.85	0056-1
2600.25	S/Sst	1.13	0.53	0.14	0.50	0.33	0.08	0.10	0.21	0.09	0.05	0.91	0.34	0.11	60.65	0057-1
2600.50	S/Sst	1.20	0.55	0.13	0.48	0.33	0.08	0.09	0.19	0.09	0.06	0.91	0.33	0.11	61.27	0058-1
2601.00	S/Sst	2.39	0.70	0.14	0.39	0.28	0.03	0.57	1.46	0.36	0.04	0.88	0.30	0.16	43.58	0059-1
2602.00	S/Sst	2.52	0.72	0.15	0.42	0.29	0.06	0.48	1.15	0.32	0.07	0.84	0.30	0.19	41.59	0060-1
2602.75	S/Sst	2.51	0.71	0.20	0.66	0.40	0.07	2.04	3.09	0.67	0.13	0.72	0.40	0.40	26.39	0061-1
2603.25	S/Sst	2.28	0.70	0.21	0.64	0.39	0.09	0.97	1.51	0.49	-	0.72	0.39	0.37	41.31	0062-1
2604.25	Sh/C1st	9.81	0.91	0.24	0.47	0.32	0.06	0.02	0.04	0.02	0.12	0.73	0.35	0.42	26.53	0063-1
2615.50	S/Sst	0.93	0.48	0.12	0.53	0.35	0.07	0.14	0.27	0.13	0.11	0.91	0.35	0.11	57.03	0064-1
2687.50	S/Sst	0.81	0.45	0.17	0.82	0.45	0.08	-	-	-	0.17	0.85	0.46	0.19	52.26	0065-1