

Formation Pressures

Depth (mRKB)	Hydrostatic Mud pressure		Temperature Formation (psia)	Corrected Pressure (bar)	
	before (psia)	after (psia)			
RUN	2A	(HP-crystal gauge)	recomputed		
1286.0		2711.1	2711.2	2031.6	140.07
1288.0*		2715.2	2714.5	2031.6	140.07
1292.0		2723.3	2722.8	2032.2	140.12
1295.0		2728.9	2728.4	2032.1	140.11
1297.0		2732.8	2732.8	2032.4	140.13
1300.0		2738.9	2738.8	2035.1	140.31
1303.5		2746.5	2746.1	2040.9	140.71
1317.7		2777.0	2776.8	Tight	Tight
1318.0		2776.4	2775.7	Tight	Tight
1324.0		2790.4	2789.3	Tight	Tight
1347.0		2839.9	2840.1	2108.7	145.39
1354.0		2855.6	2854.9	2120.5	146.20
1385.0		2921.6	2921.2	2169.5	149.58
1394.0		2938.9	2938.6	2192.3	151.55

* Segregated sample.

1 gallon chamber was sent to Geco for PVT analysis.

Fig. 5.3 RFT Pressures, Well 7124/3-1

Date	11/87	Auth	JB	Appr	BAR
Draw by		Rel	EPF		

Formation Pressures

Depth <u>(mRKB)</u>	Hydrostatic Mud pressure		Temperature Formation <u>(psia)</u>	Corrected Pressure <u>(bar)</u>
	before <u>(psia)</u>	after <u>(psia)</u>		

RUN 3 B (HP crystal gauge)

1298.0* 2409.1 2406.3 2034.35

* Segregated sample.

2 3/4 gallon chamber gave 1.2 l of water/mud filtrate, 6.8 l of oil and 19.6 cuft gas.

1 gallon chamber was sent to Geco for PVT analysis.

RUN 3 C (HP crystal gauge)

1295.5* 2403.1 2401.2 2033.73

* Segregated sample.

2 3/4 gallon chamber gave 1.2 l water/mud filtrate and 41.2 cuft gas.

1 gallon chamber was sent to Geco for PVT analysis.

RUN 3E (HP crystal gauge)

1297.0* 2419.0 2416.0 2032.10

* Segregated sample

2 3/4 gallon chamber gave 0.3 l of water/mud filtrate and 45 cuft gas.

1, gallon chamber was sent to Geco for PVT analysis.

Fig. 5.3 (Cont.) RFT Pressures, Well 7124/3-1

Date	11/87	Auth	J3	Appr	BAR
Draw by		Per	EPF		

Formation Pressures

Depth (mRKB)	Hydrostatic Mud pressure		Temperature Formation (psia)	Corrected Pressure (bar)
	before (psia)	after (psia)		
RUN	3 D (HP crystal gauge)			
1290.0	2404.2	2402.8	2031.65	140.08
1293.0	2400.5	2400.7	2032.16	140.11
1295.5	2412.0	2311.2	2032.44	140.13
1297.0	2413.3	2412.6	2032.95	140.17
1297.5	2412.2	2412.0	2033.15	140.18
1298.0	2412.6	2411.5	2033.71	140.22
1298.5	2412.2	2411.9	2034.10	140.25
129.90	2412.7	2412.4	2034.80	140.29
1300.0*	2414.5	2414.1	2036.47	140.41
1303.0	2420.1	2419.8	2041.22	140.74
1385.0	2573.0	2571.0	2170.10	149.62
1598.5	2975.3	2972.7	2512.87	173.36
1894.0	3528.9	3525.2	2908.60	200.54
1896.0	3529.8	3527.3	2914.38	200.94
1920.0	3573.2	3572.0	2947.70	203.24
2234.1	4164.9	4164.7	Tight	Tight
2234.3	4162.8	4162.8	Tight	Tight
2354.55	4387.8	4386.7	Tight	Tight

* Segregated sample

2 3/4 gallon chamber gave 10.5 l water.
1 gallon was sent to Geco for PVT analysis.

Fig. 5:3 (Cont.) RFT Pressures, Well 7124/3-1

Date	11/87	Auth	JB	Appr	BAR
Draw by		Ret	EPF		

Formation Pressures

Depth (mRKB)	Hydrostatic Mud pressure		Temperature Formation (psia)	Corrected Pressure (bar)
	before (psia)	after (psia)		
RUN	4F (HP crystal gauge)			
2570.5	4968.4	4970.7	tight	
2581.5	4992.9	4993.5	no seal	
2581.3	4993.3	4993.5	no seal	
2585.5	5002.8	5006.7	tight	
2591.0	5013.7	5013.2	no seal	
2611.5	5056.5	5060.2	tight	
3902.0	7509.1	7513.2	tight	
3003.7	7512.6	7514.1	tight	
3899.9	7516.6	7515.8	no seal	
3913.5	7535.1	7533.6	no seal	
3904.0	7509.5	7511.6	no seal	

Fig. 5.3 (Cont.) RFT Pressures, Well 7124/3-1

Date	11/87	Auth	JB	Appr	BAR
Draw by		Ref	EPF		

Fluid Analyses

Gas (1288 mRKB)

Dewpoint pressure	:	143 bar
Expansion factor	:	179 Sm ³ /resm ³
Gas gravity (air =1)	:	0.634

Oil (1298 mRKB)

Bubble point pressure	:	140 bar
Formation volume factor	:	1.27 resm ³ /Sm ³
GOR	:	102 Sm ³ /Sm ³
Stock tank oil density	:	809 kg/m ³

Water (1300 mRKB)

Total dissolved solids	:	93510 mg/L
Total contents of chloride	:	52000 mg/L
Resistivity at 20°C	:	0.0915 ohm-m
Specific gravity at 15°C	:	1.065

Fluid Analyses

Compositions (mol %)

	Gas (1288 mRKB)	Oil (1298 mRKB)
CO ₂	0.37	0.17
N ₂	0.90	0.17
C ₁	91.95	41.03
C ₂	3.01	3.68
C ₃	1.69	3.68
i-C ₄	0.38	1.28
n-C ₄	0.58	2.41
i-C ₅	0.25	1.72
n-C ₅	0.20	1.56
C ₆	0.23	3.07
C ₇₊	0.44	41.23

Fig. 5.7 Gas and Oil Composition,
Well 7124/3-1

Well no: 7124/3-1

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf / Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
870529	36	310.0	1.05										SPUD MUD
870530	36	360.0	1.05										SPUD MUD
870531	26	361.0	1.05										SPUD MUD
870601	26	361.0	1.05	8	24	10/12	9.6		800	9000		2.0	SPUD MUD
870602	12-1/4	361.0	1.14	8	24	13/16	9.6	0.1/0.3	840	9000		8.0	SPUD MUD
870603	12-1/4	538.0	1.12	8	24	15/20	9.4	0.1/0.3	1040	12000	0.5	7.0	GEL MUD
870604	12-1/4	570.0	1.35	10	22	12/18	9.3	0.1/0.3	1040	14000	1.0	14.0	GEL MUD
870605	12-1/4	601.0	1.35	10	24	12/15	10.5		920	11000		13.0	GEL MUD
870606	12-1/4	630.0	1.05	6	18	5/8	9.3		600	7000		2.0	GEL MUD
870607	12-1/4	764.0	1.05	8	32	14/22	9.3		640	11500		3.0	GEL MUD
870608	12-1/4	764.0	1.05	5	20	8/9	9.5	0.1/0.3	840	9000		2.0	GEL MUD
870609	12-1/4	764.0	1.05	40	15	30/40	9.7	0.1/0.3	60	2000		3.0	GEL MUD
870610	26	764.0	1.05	40	15	30/40	9.7	0.1/0.3	60	2000		3.0	GEL MUD
870611	26	764.0	1.05	13	74	45/48	9.5	0.2/0.4	400	7000		3.0	GEL MUD
870612	26	764.0	1.05	5	20	12/15	9.8	0.1/0.4	560	14000		3.0	GEL MUD
870613	26	765.0	1.20										GEL MUD
870614	26	765.0	1.03	10	22	2/3	9.3	0.3/0.5	1400	22000		2.0	GYP/POLYMER MUD
870615	26	765.0	1.03	11	14	2/2	9.4	0.3/0.5	1400	22000		2.0	GYP/POLYMER MUD
870616	26	765.0	1.03	10	13	2/2	9.4	0.2/0.4		22000		2.0	GYP/POLYMER MUD
870617	17-1/2	765.0	1.03	10	12	2/2	9.4	0.2/0.4		22000		2.0	GYP/POLYMER MUD
870618	17-1/2	765.0	1.03	10	11	2/2	9.3	0.2/0.3	1860	22000		2.0	GYP/POLYMER MUD
870619	17-1/2	1023.0	1.10	10	13	3/8	9.0	0.1/0.2	3400	20000		4.0	GYP/POLYMER MUD
870620	12-1/4	1160.0	1.30	18	18	6/15	8.6	0.1/0.2	3580	21000	0.5	10.0	GYP/POLYMER MUD
870621	12-1/4	1288.0	1.30	18	17	4/11	8.7	0.1/0.2	2740	21000	0.3	10.0	GYP/POLYMER MUD
870622	12-1/4	1313.0	1.30	18	17	3/9	8.5	0.1/0.2	2140	21000	0.3	10.0	GYP/POLYMER MUD
870623	12-1/4	1331.0	1.48	20	16	3/10	8.5	0.1/0.2	2040	21000	0.5	16.0	GYP/POLYMER MUD
870624	12-1/4	1359.0	1.48	20	17	3/11	8.4	0.1/0.2	1960	21000	0.5	16.0	GYP/POLYMER MUD
870625	12-1/4	1359.0	1.48	20	16	3/9	8.4	0.1/0.2	1920	21000	0.3	16.0	GYP/POLYMER MUD
870626	12-1/4	1374.0	1.48	20	20	4/14	8.7	0.1/0.4	2120	21000	0.3	17.0	GYP/POLYMER MUD
870627	12-1/4	1386.5	1.48	20	15	3/11	8.4	0.1/0.2	2160	21000	0.3	16.0	GYP/POLYMER MUD
870628	12-1/4	1408.5	1.48	20	19	5/15	8.7	0.1/0.3	2000	21000	0.3	16.0	GYP/POLYMER MUD

Well no: 7124/3-1

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf / Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
870629	12-1/4	1408.5	1.46	19	18	4/15	8.8	0.1/0.3	2160	21000	0.5	15.0	GYP/POLYMER MUD
870630	12-1/4	1408.5	1.35	18	17	3/12	8.6	0.1/0.3	2000	21000	0.3	12.0	GYP/POLYMER MUD
870701	12-1/4	1408.5	1.35	18	17	3/11	8.9	0.2/0.4	2360	21000	0.2	11.0	GYP/POLYMER MUD
870702	12-1/4	1408.5	1.35	17	16	3/9	8.6	0.1/0.3	2360	21000	0.2	11.0	GYP/POLYMER MUD
870703	12-1/4	1408.5	1.40	16	15	3/8	8.5	0.1/0.2	2400	21000		13.0	GYP/POLYMER MUD
870704	12-1/4	1408.5	1.40	16	16	3/7	8.7	0.1/0.5	2500	21000	0.4	12.0	GYP/POLYMER MUD
870705	17-1/2	1473.0	1.40	14	15	3/10	8.5	0.1/0.3	2500	21000	0.2	13.0	GYP/POLYMER MUD
870706	17-1/2	1492.0	1.40	16	14	3/11	8.3	0.1/0.3	2300	21000	0.2	13.0	GYP/POLYMER MUD
870707	17-1/2	1538.0	1.40	13	13	3/18	8.3	0.1/0.2	2520	21000	0.2	14.0	GYP/POLYMER MUD
870708	17-1/2	1599.0	1.35	13	13	3/16	8.4	0.1/0.4	2480	21000	0.3	12.0	GYP/POLYMER MUD
870709	17-1/2	1633.0	1.33	15	13	3/23	8.3	0.1/0.2	2400	21000	0.3	13.0	GYP/POLYMER MUD
870710	17-1/2	1735.0	1.32	15	14	4/27	8.3	0.0/0.3	2400	21000	0.3	12.0	GYP/POLYMER MUD
870711	17-1/2	1782.0	1.30	14	15	6/28	8.1	0.0/0.3	2200	21000	0.3	11.0	GYP/POLYMER MUD
870712	17-1/2	1811.0	1.30	12	14	5/30	8.2	0.1/0.3	2560	21000		11.0	GYP/POLYMER MUD
870713	17-1/2	1894.0	1.30	13	14	7/40	8.4	0.0/0.3	2400	21000	0.1	11.0	GYP/POLYMER MUD
870714	17-1/2	1933.0	1.30	12	14	5/45	8.1	0.1/0.4	2400	21000		11.0	GYP/POLYMER MUD
870715	17-1/2	1974.0	1.30	11	13	6/45	8.2	0.1/0.1	2520	21000	0.1	12.0	GYP/POLYMER MUD
870716	17-1/2	2034.0	1.30	9	12	6/48	8.3	0.1/0.4	2640	21000	0.1	12.0	GYP/POLYMER MUD
870717	17-1/2	2086.0	1.30	10	13	25/39	8.3	0.0/0.4	2600	21000		12.0	GYP/POLYMER MUD
870718	17-1/2	2107.0	1.30	8	14	8/43	8.2	0.0/0.4	2000	21000		12.0	GYP/POLYMER MUD
870719	17-1/2	2161.0	1.30	14	13	3/15	8.1	0.0/0.3	2200	21000		11.0	GYP/POLYMER MUD
870720	17-1/2	2213.0	1.30	16	13	3/12	8.2	0.1/0.3	2200	21000	0.1	11.0	GYP/POLYMER MUD
870721	17-1/2	2215.0	1.30	14	13	3/9	8.2	0.1/0.3	2000	21000	0.1	11.0	GYP/POLYMER MUD
870722	17-1/2	2256.0	1.30	15	13	3/16	8.2	0.0/0.4	2000	21000		11.0	GYP/POLYMER MUD
870723	17-1/2	2298.0	1.30	16	14	3/28	8.2	0.0/0.3	2200	21000		11.0	GYP/POLYMER MUD
870724	17-1/2	2324.0	1.30	17	15	3/28	8.6	0.1/0.5	2360	21000		11.0	GYP/POLYMER MUD
870725	17-1/2	2377.0	1.30	15	15	4/31	8.5	0.0/0.4	2320	21000		12.0	GYP/POLYMER MUD
870726	17-1/2	2406.0	1.30	16	14	4/30	8.4	0.0/0.4	2200	21000		11.0	GYP/POLYMER MUD
870727	17-1/2	2443.0	1.30	12	14	3/29	8.5	0.1/0.4	2200	21000		11.0	GYP/POLYMER MUD
870728	17-1/2	2443.0	1.30	13	11	3/26	8.4	0.0/0.4	2000	21000		11.0	GYP/POLYMER MUD
870729	17-1/2	2443.0	1.30	13	11	3/30	8.3	0.0/0.4	2200	21000		11.0	GYP/POLYMER MUD

Well no: 7124/3-1

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf / Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
870730	17-1/2	2443.0	1.30	13	14	4/32	8.3	0.0/0.4	2320	21000		11.0	GYP/POLYMER MUD
870731	17-1/2	2443.0	1.30	12	13	4/30	8.2	0.0/0.4	2300	21000		11.0	GYP/POLYMER MUD
870801	17-1/2	2443.0	1.30	12	12	4/33	8.0	0.0/0.3	2200	21000		11.0	GYP/POLYMER MUD
870802	17-1/2	2443.0	1.30	10	11	6/39	7.8	0.0/0.3	1920	21000		11.0	GYP/POLYMER MUD
870803	17-1/2	2443.0	1.30	7	11	15/35	8.2	0.1/0.8	2100	21000	0.2	12.0	GYP/POLYMER MUD
870804	12-1/4	2445.0	1.30	9	11	4/40	11.2	0.2/1.1	1760	21000	0.2	12.0	GYP/POLYMER MUD
870805	12-1/4	2454.0	1.27	8	10	3/38	9.5	0.1/0.5	1600	21000	0.2	11.0	GYP/POLYMER MUD
870806	12-1/4	2454.0	1.24	8	9	2/18	9.2	0.1/0.4	1800	21000	0.2	10.0	GYP/POLYMER MUD
870807	12-1/4	2561.0	1.22	9	9	2/16	8.9	0.0/0.5	1840	21000		9.0	GYP/POLYMER MUD
870808	12-1/4	2590.0	1.21	9	8	2/13	8.7	0.0/0.4	1760	21000		8.0	GYP/POLYMER MUD
870809	12-1/4	2618.0	1.22	11	11	3/28	9.2	0.1/0.5	1840	21000	0.5	9.0	GYP/POLYMER MUD
870810	12-1/4	2619.0	1.21	10	10	3/28	8.9	0.1/0.3	1760	21000	0.2	9.0	GYP/POLYMER MUD
870811	12-1/4	2673.0	1.21	11	11	3/38	8.4	0.1/0.5	1920	22000	0.5	9.0	GYP/POLYMER MUD
870812	12-1/4	2721.0	1.20	9	12	2/38	8.2	0.0/0.5	1920	22000	0.2	8.0	GYP/POLYMER MUD
870813	12-1/4	2748.0	1.20	9	9	3/36	8.0	0.0/0.4	1800	21000		8.0	GYP/POLYMER MUD
870814	12-1/4	2807.0	1.20	10	8	3/40	8.4	0.0/0.5	1800	20000		8.0	GYP/POLYMER MUD
870815	12-1/4	2874.0	1.20	9	10	2/40	8.2	0.0/0.4	1480	16700		8.0	GYP/POLYMER MUD
870816	12-1/4	2985.0	1.23	10	10	7/47	8.2	0.0/0.4	1360	16000	0.2	8.0	GYP/POLYMER MUD
870817	12-1/4	3066.0	1.23	9	10	7/42	8.4	0.0/0.4	1480	15000	0.2	8.0	GYP/POLYMER MUD
870818	12-1/4	3088.0	1.23	10	11	6/45	8.2	0.0/0.4	1200	14500	0.2	8.0	GYP/POLYMER MUD
870819	12-1/4	3188.0	1.23	7	13	15/48	8.2	0.0/0.4	1000	12000	0.1	8.0	GYP/POLYMER MUD
870820	12-1/4	3256.0	1.25	8	15	17/38	10.3	0.1/0.7	600	11000	0.1	10.0	GYP/POLYMER MUD
870821	12-1/4	3309.0	1.28	10	11	20/34	10.5	0.2/0.7	480	10000	0.1	12.0	GEL MUD
870822	12-1/4	3392.0	1.30	9	10	12/31	10.0	0.1/0.7	480	10500	0.1	12.0	GEL MUD
870823	12-1/4	3469.0	1.30	9	10	8/32	10.2	0.2/0.8	352	10200	0.1	12.0	GEL MUD
870824	12-1/4	3496.0	1.30	10	8	10/30	10.5	0.2/0.8	300	10000	0.1	12.0	GEL MUD
870825	12-1/4	3546.0	1.30	10	8	9/35	10.4	0.1/0.8	200	10400		12.0	GEL MUD
870826	12-1/4	3546.0	1.30	10	8	7/34	10.1	0.1/0.6	220	10200	0.1	12.0	GEL MUD
870827	12-1/4	3547.0	1.30	7	9	6/28	10.0	0.2/0.9	200	9500	0.1	12.0	GEL MUD
870828	12-1/4	3566.0	1.30	9	9	10/31	10.5	0.2/1.0	160	10000		12.0	GEL MUD
870829	12-1/4	3583.0	1.30	9	9	9/32	10.4	0.2/1.1	160	10000		12.0	GEL MUD

Well no: 7124/3-1

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf / Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
870830	12-1/4	3603.0	1.35	10	10	10/29	10.2	0.2/1.0	160	10000	0.1	15.0	GEL MUD
870831	12-1/4	3617.0	1.35	10	9	8/33	10.6	0.2/1.1	180	10000	0.1	15.0	GEL MUD
870901	12-1/4	3628.0	1.35	9	9	6/28	10.5	0.2/0.1	140	10000	0.1	15.0	GEL MUD
870902	12-1/4	3657.0	1.35	9	9	7/28	10.4	0.2/1.3	120	10000	0.1	15.0	GEL MUD
870903	12-1/4	3686.0	1.35	9	9	6/28	10.5	0.3/1.2	120	10000	0.1	14.0	GEL MUD
870904	12-1/4	3707.0	1.35	9	10	5/22	10.5	0.4/1.2	100	10000		14.0	GEL MUD
870905	12-1/4	3724.0	1.35	9	9	4/19	9.9	0.5/1.0	80	12000		14.0	GEL MUD
870906	12-1/4	3735.0	1.35	9	9	4/18	9.8	0.3/1.1	100	11000	0.1	14.0	GEL MUD
870907	12-1/4	3743.0	1.35	9	9	3/18	9.6	0.3/0.9	120	12000	0.1	15.0	GEL MUD
870908	12-1/4	3770.0	1.35	9	10	5/23	10.1	0.5/1.4	100	11000		15.0	GEL MUD
870909	12-1/4	3792.0	1.35	10	10	6/23	10.2	0.3/1.5	80	11000		14.0	GEL MUD
870910	12-1/4	3804.0	1.35	9	10	4/27	9.8	0.3/1.2	100	11000		14.0	GEL MUD
870911	12-1/4	3825.0	1.35	11	10	4/24	9.7	0.3/1.5	80	11000		15.0	GEL MUD
870912	12-1/4	3833.0	1.35	10	9	3/18	9.6	0.3/1.3	80	11000		15.0	GEL MUD
870913	12-1/4	3843.0	1.35	12	9	5/24	9.7	0.3/1.6	80	11000		15.0	GEL MUD
870914	12-1/4	3868.0	1.35	13	11	6/31	9.8	0.3/2.2	60	11000		15.0	GEL MUD
870915	12-1/4	3909.0	1.35	12	11	6/37	9.8	0.3/2.2	80	11000		15.0	GEL MUD
870916	12-1/4	3943.0	1.35	11	9	5/25	9.7	0.3/2.1	80	11000	0.1	15.0	GEL MUD
870917	12-1/4	4010.0	1.35	12	11	5/35	9.6	0.3/1.9	80	11000	0.1	15.0	GEL MUD
870918	12-1/4	4042.0	1.35	12	9	3/24	10.6	0.3/2.0	100	11000		15.0	GEL MUD
870919	12-1/4	4042.0	1.35	12	9	3/24	10.6	0.3/2.0	100	11000		15.0	GEL MUD
870920	12-1/4	4042.0	1.35	12	9	3/24	10.5	0.3/2.0	100	11000		15.0	GEL MUD
870921	12-1/4	4089.0	1.35	11	9	3/17	9.8	0.2/1.4	100	10000		14.0	GEL MUD
870922	12-1/4	4181.0	1.35	14	11	4/25	10.0	0.2/1.4	160	10000		14.0	GEL MUD
870923	12-1/4	4221.0	1.35	15	11	5/30	10.4	0.2/1.6	180	10000		14.0	GEL MUD
870924	12-1/4	4282.0	1.35	14	10	4/20	10.4	0.2/1.6	160	10000		14.0	GEL MUD
870925	12-1/4	4340.0	1.35	15	8	3/18	10.2	0.2/1.5	480	10000		14.0	GEL MUD
870926	12-1/4	4351.0	1.35	16	12	4/36	9.9	0.2/1.5	520	10000		14.0	GEL MUD
870927	12-1/4	4418.0	1.35	13	8	3/12	10.3	0.2/1.7	400	9000	0.1	14.0	GEL MUD
870928	12-1/4	4437.0	1.40	12	8	2/17	10.4	0.2/1.9	440	9000	0.1	16.0	GEL MUD
870929	12-1/4	4439.0	1.40	14	8	2/21	9.9	0.2/1.5	440	9000	0.1	16.0	GEL MUD

Well no: 7124/3-1

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf / Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
870930	12-1/4	4439.0	1.40	14	8	2/18	9.8	0.2/1.5	440	9000	0.1	16.0	GEL MUD
871001	12-1/4	4490.0	1.40	12	8	2/9	10.3	0.2/1.7	540	8500	0.1	16.0	GEL MUD
871002	12-1/4	4513.0	1.40	12	9	2/10	10.3	0.2/1.8	520	8500	0.1	16.0	GEL MUD
871003	12-1/4	4561.0	1.40	12	9	2/10	10.0	0.2/1.7	600	8500	0.1	16.0	GEL MUD
871004	12-1/4	4605.0	1.40	12	9	2/10	10.3	0.2/1.7	600	8000	0.1	16.0	GEL MUD
871005	12-1/4	4631.0	1.40	12	8	2/10	10.4	0.2/1.6	600	8000	0.1	16.0	GEL MUD
871006	12-1/4	4646.0	1.40	12	9	2/10	10.2	0.3/1.8	640	8000	0.1	16.0	GEL MUD
871007	12-1/4	4669.0	1.40	12	8	2/11	10.4	0.2/1.7	680	8000		16.0	GEL MUD
871008	12-1/4	4680.0	1.40	12	8	2/10	10.2	0.2/1.8	640	8000		16.0	GEL MUD
871009	12-1/4	4680.0	1.40	13	10	2/12	10.0	0.2/1.8	640	8000		16.0	GEL MUD
871010	12-1/4	4680.0	1.40	13	10	2/12	10.0	0.2/1.7	640	8000		16.0	GEL MUD
871011	12-1/4	4692.0	1.40	12	9	2/11	10.0	0.2/1.7	720	8000	0.1	16.0	GEL MUD
871012	12-1/4	4720.0	1.40	11	9	2/10	10.0	0.1/1.4	720	8000		16.0	GEL MUD
871013	12-1/4	4730.0	1.40	11	9	2/11	10.3	0.2/1.5	720	8000	0.1	16.0	GEL MUD
871014	12-1/4	4730.0	1.40	12	11	2/13	9.9	0.1/1.4	720	8000	0.1	16.0	GEL MUD
871015	PB	4640.0	1.40	12	10	2/13	11.4	0.5/2.0	800	8000		16.0	GEL MUD
871016	PB	2250.0	1.40	13	10	2/12	11.7	0.5/1.9	800	8000		16.0	GEL MUD
871017	PB	702.0	1.40	12	7	2/9	12.1	1.2/2.5	940	8000		16.0	GEL MUD
871018	PB	355.0	1.40	10	6	1/7	12.5	0.8/1.7	900	8000		16.0	GEL MUD
871019	PB	355.0	1.38	10	6	1/7	12.5	0.8/1.7	900	8000		16.0	GEL MUD

SAGA PETROLEUM A.S.

6.2.2 MUD MATERIALS USED

Well no: 7124/3-1

Materials	Unit	36 in hole	26 in hole	17-1/2 hole	12-1/4 hole	8-1/2 hole	Total
BARITE	M/T	0	582	766	377	0	1725
BICARBONATE	50 KG	0	0	0	39	0	39
PROTHIN	25KG	0	0	0	731	0	731
Miltemp	25 kg	0	0	0	80	0	80
CAUSTIC SODA	25 KG	1	77	189	401	0	668
Pro - lignite	25 kg	0	0	0	461	0	461
GYPSUM	50 KG	0	0	850	0	0	850
PRO-DEFOAMER	25 L	0	0	10	45	0	55
SODA ASH	50 KG	0	17	0	11	0	28
BENTONITE	M/T	25	138	4	35	0	202
PROBIO	55 GA	0	0	8	2	0	10
ANTISOL FL 10	25 KG	0	0	492	232	0	724
ANTISOL FL 30	25 KG	0	0	304	32	0	336
XC-POLYMER	25 KG	0	0	92	6	0	98

(U-548)

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GEOCHEMICAL ANALYSIS REPORT

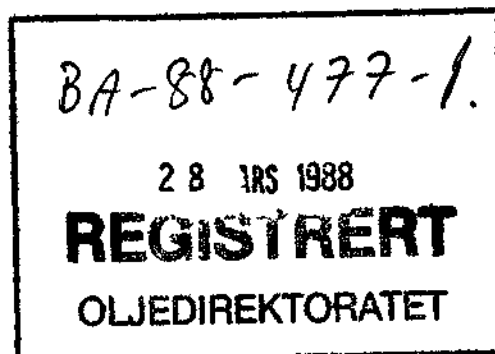
Well NOCS 7124/3-1

Client: Saga Petroleum A/S

Authors : Kjell Arne Bakken
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Norway

Date: 24.02.1988



INTRODUCTION

The analysed well, NOCS 7124/3-1, is situated in the eastern part of the Hammerfest Basin. For location, see Figure 1.

The well was analysed and the data interpreted by Geolab Nor on behalf of Saga Petroleum. The work was authorised by Arne Forsberg on behalf of Saga Petroleum.

All samples (including cuttings, cores, side wall cores, gas and oil samples) and data were supplied by Saga Petroleum.

Total number of cuttings samples	199
Total number of core samples	15
Total number of side wall cores	43
Total number of oil samples	1
Total number of gas samples	1

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
 (ul gas/kg rock)

 Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
390.00	8819	7	1	-	-	-	8827	8	0.1	-
460.00	14186	12	-	1	-	29	14199	13	0.1	-
510.00	45390	2219	4470	2210	3371	12587	57660	12270	21.3	0.66
570.00	20923	2493	194	1027	2629	3217	27266	6343	23.3	0.39
660.00	3362	750	1321	153	254	150	5840	2478	42.4	0.60
690.00	5508	1079	2164	558	1305	1701	10614	5106	48.1	0.43
750.00	6550	1937	1504	352	607	772	10950	4400	40.2	0.58
820.00	20114	468	159	44	27	25	20812	698	3.4	1.63
880.00	14071	402	236	107	43	69	14859	788	5.3	2.49
940.00	147	11	6	3	1	4	168	21	12.5	3.00
1000.00	3972	160	45	16	7	7	4200	228	5.4	2.29
1060.00	617	51	11	4	2	2	685	68	9.9	2.00
1120.00	1899	114	37	5	4	2	2059	160	7.8	1.25
1190.00	2017	296	188	18	33	8	2552	535	21.0	0.55
1210.00	499	97	54	6	11	5	667	168	25.2	0.55
1296.00	240	83	61	7	12	23	403	163	40.5	0.58
1388.00	700	287	371	71	139	534	1568	868	55.4	0.51
1414.00	1387	439	216	43	93	522	2178	791	36.3	0.46
1469.00	519	105	89	15	31	49	759	240	31.6	0.48
1549.00	15190	986	223	20	20	12	16439	1249	7.6	1.00
1603.00	301	174	107	17	21	23	620	319	51.5	0.81
1663.00	2996	414	212	25	31	37	3678	682	18.5	0.81
1717.00	1288	306	254	35	52	45	1935	647	33.4	0.67

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
 (ul gas/kg rock)

 Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
1783.00	81	14	7	1	2	5	105	24	22.9	0.50
1846.00	95	17	14	1	3	1	130	35	26.9	0.33
1891.00	451	50	48	13	17	35	579	128	22.1	0.76
1954.00	813	146	189	36	58	58	1242	429	34.5	0.62
2035.00	486	143	118	18	22	26	787	301	38.3	0.82
2089.00	316	57	46	5	7	12	431	115	26.7	0.71
2143.00	191	30	31	7	9	22	268	77	28.7	0.78
2197.00	462	59	103	28	46	61	698	236	33.8	0.61
2251.00	1782	19	74	31	44	65	1950	168	8.6	0.70
2305.00	17744	5935	10600	5623	8871	5857	48773	31029	63.6	0.63
2368.00	13873	1780	6544	4909	6917	5247	34023	20150	59.2	0.71
2440.00	8769	665	2152	1118	1496	900	14200	5431	38.3	0.75
2503.00	1376	330	743	311	361	712	3121	1745	55.9	0.86
2557.00	9109	1300	3090	1932	3687	21358	19118	10009	52.4	0.52
2620.00	620	187	475	187	317	894	1786	1166	65.3	0.59
2683.00	628	175	355	131	191	1066	1480	852	57.6	0.69
2737.00	780	439	905	304	383	666	2811	2031	72.3	0.79
2800.00	2881	354	544	220	332	1277	4331	1450	33.5	0.66
2863.00	431	56	79	37	47	142	650	219	33.7	0.79
2917.00	197	27	40	13	20	81	297	100	33.7	0.65
2980.00	-	-	-	-	-	-	-	-	-	-
3043.00	79	9	6	1	2	9	97	18	18.6	0.50
3097.00	156	13	14	6	6	17	195	39	20.0	1.00

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
 (ul gas/kg rock)

 Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3160.00	296	-	-	83	116	527	495	199	40.2	0.72
3223.00	864	110	119	53	84	49	1230	366	29.8	0.63
3277.00	4298	842	1033	490	703	3545	7366	3068	41.7	0.70
3340.00	4851	1729	2453	953	1308	3082	11294	6443	57.1	0.73
3403.00	5227	991	1118	542	698	4424	8576	3349	39.1	0.78
3457.00	20726	5236	4750	2213	2147	1398	35072	14346	40.9	1.03
3520.00	38549	10670	5789	1985	1763	995	58756	20207	34.4	1.13
3583.00	8886	1774	397	88	50	36	11195	2309	20.6	1.76
3637.00	187002	9958	1419	-	86	1	198465	11463	5.8	-
3700.00	64578	3583	534	149	67	81	68911	4333	6.3	2.22
3763.00	26283	1344	273	126	57	97	28083	1800	6.4	2.21
3817.00	28013	905	163	84	32	45	29197	1184	4.1	2.63
3880.00	29672	43	44	24	8	11	29791	119	0.4	3.00
3943.00	7781	214	72	38	22	35	8127	346	4.3	1.73
3997.00	364	38	20	10	8	12	440	76	17.3	1.25
4060.00	793	73	44	22	24	52	956	163	17.1	0.92
4123.00	381	41	27	15	16	36	480	99	20.6	0.94
4177.00	125	6	3	1	1	3	136	11	8.1	1.00
4240.00	113	5	4	1	2	4	125	12	9.6	0.50
4303.00	383	20	8	3	4	5	418	35	8.4	0.75
4357.00	504	17	10	5	6	11	542	38	7.0	0.83
4420.00	1734	70	29	9	10	15	1852	118	6.4	0.90
4483.00	100	-	-	-	-	-	100	-	-	-

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(ul gas/kg rock)

Project: 7124/3-1
Well: NOCS 7124/3-1
Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
4537.00	143	12	5	2	1	5	163	20	12.3	2.00
4600.00	100	10	5	2	2	5	119	19	16.0	1.00
4663.00	84	11	6	2	2	4	105	21	20.0	1.00
4726.00	6000	41	11	2	3	4	6057	57	0.9	0.67

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
 (ul gas/kg rock)

 Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
390.00	434	9	7	1	1	46	452	18	4.0	1.00
460.00	397	11	6	2	1	130	417	20	4.8	2.00
510.00	197	73	81	36	88	763	475	278	58.5	0.41
570.00	50	18	31	33	138	451	270	220	81.5	0.24
660.00	186	109	253	75	157	267	780	594	76.2	0.48
690.00	406	130	412	140	410	517	1498	1092	72.9	0.34
750.00	86	55	207	122	307	2199	777	691	88.9	0.40
820.00	408	38	33	19	17	88	515	107	20.8	1.12
880.00	314	82	71	27	22	35	516	202	39.2	1.23
940.00	111	30	37	26	16	38	220	109	49.6	1.63
1000.00	251	62	58	33	19	138	423	172	40.7	1.74
1060.00	161	48	37	16	11	66	273	112	41.0	1.45
1120.00	88	28	16	3	5	20	140	52	37.1	0.60
1190.00	35	9	20	8	18	18	90	55	61.1	0.44
1210.00	150	77	134	28	76	163	465	315	67.7	0.37
1296.00	9247	10519	12106	1453	2977	1034	36302	27055	74.5	0.49
1388.00	233	230	850	159	512	838	1984	1751	88.3	0.31
1414.00	11146	1492	1465	195	535	666	14833	3687	24.9	0.36
1469.00	198	197	486	102	263	708	1246	1048	84.1	0.39
1549.00	2770	1779	888	104	172	117	5713	2943	51.5	0.60
1603.00	62	67	112	26	53	67	320	258	80.6	0.49
1663.00	153	82	127	28	47	58	437	284	65.0	0.60
1717.00	222	105	264	61	132	233	784	562	71.7	0.46

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
 (ul gas/kg rock)

Project: 7124/3-1

Well: NOCS 7124/3-1

Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1783.00	442	418	806	136	360	629	2162	1720	79.6	0.38
1846.00	81	31	91	12	37	108	252	171	67.9	0.32
1891.00	1103	378	740	316	564	2845	3101	1998	64.4	0.56
1954.00	390	290	681	219	466	1616	2046	1656	80.9	0.47
2035.00	130	74	183	43	93	178	523	393	75.1	0.46
2089.00	271	110	195	39	77	117	692	421	60.8	0.51
2143.00	73	74	118	-	53	104	318	245	77.0	-
2197.00	141	41	144	-	109	173	435	294	67.6	-
2251.00	1414	426	645	177	367	1001	3029	1615	53.3	0.48
2305.00	56	13	102	100	246	276	517	461	89.2	0.41
2368.00	106	15	69	98	195	989	483	377	78.1	0.50
2440.00	228	29	18	14	31	205	320	92	28.8	0.45
2503.00	48	10	28	15	24	100	125	77	61.6	0.63
2557.00	91	16	19	18	42	694	186	95	51.1	0.43
2620.00	18	7	30	16	29	761	100	82	82.0	0.55
2683.00	13	4	13	6	11	220	47	34	72.3	0.55
2737.00	170	36	130	87	163	809	586	416	71.0	0.53
2800.00	9	3	9	4	8	229	33	24	72.7	0.50
2863.00	250	57	127	95	156	1448	685	435	63.5	0.61
2917.00	159	38	74	27	48	305	346	187	54.1	0.56
2980.00	61	15	30	9	21	195	136	75	55.2	0.43
3043.00	66	12	14	5	10	107	107	41	38.3	0.50
3097.00	161	31	57	36	69	531	354	193	54.5	0.52

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
 (ul gas/kg rock)

 Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3160.00	304	69	169	132	224	5520	898	594	66.2	0.59
3223.00	295	44	52	30	55	584	476	181	38.0	0.55
3277.00	528	103	161	124	249	2954	1165	637	54.7	0.50
3340.00	573	203	444	390	582	4101	2192	1619	73.9	0.67
3403.00	947	142	190	188	329	4187	1796	849	47.3	0.57
3457.00	1557	460	1034	956	1183	1756	5190	3633	70.0	0.81
3520.00	7439	2332	3282	1651	1946	1279	16650	9211	55.3	0.85
3583.00	4878	4823	4683	1870	1559	906	17813	12935	72.6	1.20
3637.00	7067	3076	255	1057	774	469	12229	5162	42.2	1.37
3700.00	4174	1006	739	320	244	217	6483	2309	35.6	1.31
3763.00	8468	472	212	92	89	128	9333	865	9.3	1.03
3817.00	8144	516	244	114	84	102	9102	958	10.5	1.36
3880.00	6789	495	158	74	43	79	7559	770	10.2	1.72
3943.00	1496	123	96	56	62	137	1833	337	18.4	0.90
3997.00	301	32	33	16	25	80	407	106	26.0	0.64
4060.00	149	22	15	8	12	61	206	57	27.7	0.67
4123.00	92	6	4	2	3	28	107	15	14.0	0.67
4177.00	40	2	2	1	1	8	46	6	13.0	1.00
4240.00	48	3	2	1	3	33	57	9	15.8	0.33
4303.00	218	14	8	3	5	60	248	30	12.1	0.60
4357.00	249	7	4	2	3	44	265	16	6.0	0.67
4420.00	605	5	3	1	1	18	615	10	1.6	1.00
4483.00	423	5	4	1	2	8	435	12	2.8	0.50

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
 (ul gas/kg rock)

Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 nC4
4537.00	1098	20	9	3	5	24	1135	37	3.3	0.60
4600.00	561	17	8	2	5	27	593	32	5.4	0.40
4663.00	551	16	10	3	6	24	586	35	6.0	0.50
4726.00	3195	52	19	4	4	11	3274	79	2.4	1.00

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
 (ul gas/kg rock)

 Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
390.00	9253	16	8	1	1	46	9279	26	0.3	1.00
460.00	14583	23	6	3	1	159	14616	33	0.2	3.00
510.00	45587	2292	4551	2246	3459	13350	58135	12548	21.6	0.65
570.00	20973	2511	225	1060	2767	3668	27536	6563	23.8	0.38
660.00	3548	859	1574	228	411	417	6620	3072	46.4	0.55
690.00	5914	1209	2576	698	1715	2218	12112	6198	51.2	0.41
750.00	6636	1992	1711	474	914	2971	11727	5091	43.4	0.52
820.00	20522	506	192	63	44	113	21327	805	3.8	1.43
880.00	14385	484	307	134	65	104	15375	990	6.4	2.06
940.00	258	41	43	29	17	42	388	130	33.5	1.71
1000.00	4223	222	103	49	26	145	4623	400	8.7	1.88
1060.00	778	99	48	20	13	68	958	180	18.8	1.54
1120.00	1987	142	53	8	9	22	2199	212	9.6	0.89
1190.00	2052	305	208	26	51	26	2642	590	22.3	0.51
1210.00	649	174	188	34	87	168	1132	483	42.7	0.39
1296.00	9487	10602	12167	1460	2989	1057	36705	27218	74.2	0.49
1388.00	933	517	1221	230	651	1372	3552	2619	73.7	0.35
1414.00	12533	1931	1681	238	628	1188	17011	4478	26.3	0.38
1469.00	717	302	575	117	294	757	2005	1288	64.2	0.40
1549.00	17960	2765	1111	124	192	129	22152	4192	18.9	0.65
1603.00	363	241	219	43	74	90	940	577	61.4	0.58
1663.00	3149	496	339	53	78	95	4115	966	23.5	0.68

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
 (ul gas/kg rock)

 Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
1717.00	1510	411	518	96	184	278	2719	1209	44.5	0.52
1783.00	523	432	813	137	362	634	2267	1744	76.9	0.38
1846.00	176	48	105	13	40	109	382	206	53.9	0.32
1891.00	1554	428	788	329	581	2880	3680	2126	57.8	0.57
1954.00	1203	436	870	255	524	1674	3288	2085	63.4	0.49
2035.00	616	217	301	61	115	204	1310	694	53.0	0.53
2089.00	587	167	241	44	84	129	1123	536	47.7	0.52
2143.00	264	104	149	7	62	126	586	322	55.0	0.11
2197.00	603	100	247	28	155	234	1133	530	46.8	0.18
2251.00	3196	445	719	208	411	1066	4979	1783	35.8	0.51
2305.00	17800	5948	10702	5723	9117	6133	49290	31490	63.9	0.63
2368.00	13979	1795	6613	5007	7112	6236	34506	20527	59.5	0.70
2440.00	8997	694	2170	1132	1527	1105	14520	5523	38.0	0.74
2503.00	1424	340	771	326	385	812	3246	1822	56.1	0.85
2557.00	9200	1316	3109	1950	3729	22052	19304	10104	52.3	0.52
2620.00	638	194	505	203	346	1655	1886	1248	66.2	0.59
2683.00	641	179	368	137	202	1286	1527	886	58.0	0.68
2737.00	950	475	1035	391	546	1475	3397	2447	72.0	0.72
2800.00	2890	357	553	224	340	1506	4364	1474	33.8	0.66
2863.00	681	113	206	132	203	1590	1335	654	49.0	0.65
2917.00	356	65	114	40	68	386	643	287	44.6	0.59
2980.00	61	15	30	9	21	195	136	75	55.2	0.43

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
 (ul gas/kg rock)

 Project: 7124/3-1
 Well: NOCS 7124/3-1
 Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3043.00	145	21	20	6	12	116	204	59	28.9	0.50
3097.00	317	44	71	42	75	548	549	232	42.3	0.56
3160.00	600	69	169	215	340	6047	1393	793	56.9	0.63
3223.00	1159	154	171	83	139	633	1706	547	32.1	0.60
3277.00	4826	945	1194	614	952	6499	8531	3705	43.4	0.64
3340.00	5424	1932	2897	1343	1890	7183	13486	8062	59.8	0.71
3403.00	6174	1133	1308	730	1027	8611	10372	4198	40.5	0.71
3457.00	22283	5696	5784	3169	3330	3154	40262	17979	44.7	0.95
3520.00	45988	13002	9071	3636	3709	2274	75406	29418	39.0	0.98
3583.00	13764	6597	5080	1958	1609	942	29008	15244	52.6	1.22
3637.00	194069	13034	1674	1057	860	470	210694	16625	7.9	1.23
3700.00	68752	4589	1273	469	311	298	75394	6642	8.8	1.51
3763.00	34751	1816	485	218	146	225	37416	2665	7.1	1.49
3817.00	36157	1421	407	198	116	147	38299	2142	5.6	1.71
3880.00	36461	538	202	98	51	90	37350	889	2.4	1.92
3943.00	9277	337	168	94	84	172	9960	683	6.9	1.12
3997.00	665	70	53	26	33	92	847	182	21.5	0.79
4060.00	942	95	59	30	36	113	1162	220	18.9	0.83
4123.00	473	47	31	17	19	64	587	114	19.4	0.89
4177.00	165	8	5	2	2	11	182	17	9.3	1.00
4240.00	161	8	6	2	5	37	182	21	11.5	0.40
4303.00	601	34	16	6	9	65	666	65	9.8	0.67

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(ul gas/kg rock)

Project: 7124/3-1
Well: NOCS 7124/3-1
Depth unit of measure: m

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
4357.00	753	24	14	7	9	55	807	54	6.7	0.78
4420.00	2339	75	32	10	11	33	2467	128	5.2	0.91
4483.00	523	5	4	1	2	8	535	12	2.2	0.50
4537.00	1241	32	14	5	6	29	1298	57	4.4	0.83
4600.00	661	27	13	4	7	32	712	51	7.2	0.57
4663.00	635	27	16	5	8	28	691	56	8.1	0.63
4726.00	9195	93	30	6	7	15	9331	136	1.5	0.86

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
390.00						236
	1.24	60	Sltst	: ol gy, mic		236-1L
		10	Ca	: dsk y brn, dol		236-2L
		10	S/Sst	: w		236-3L
		10	Sh/Clst	: blk to drk gy		236-4L
		10	Cont	: cem		236-5L
420.00						086
	1.35	100	Sltst	: ol gy, mic		086-1L
		tr	Ca	: dsk y brn, dol		086-2L
460.00						237
	1.36	100	Sltst	: ol gy, mic		237-1L
		tr	Cont	: prp		237-2L
490.00						087
	1.28	100	Sltst	: ol gy, mic		087-1L
		tr	Cont	: prp		087-2L
510.00						238
	1.23	100	Sltst	: ol gy, mic		238-1L
		tr	Cont	: prp		238-2L
540.00						088
	1.05	100	Sltst	: ol gy, mic		088-1L
		tr	Cont	: prp		088-2L
		tr	Ca	: dsk y brn, dol		088-3L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
570.00						239
	0.97	100	Sh/Clst:	ol gy, slt, mic		239-1L
			tr Ca	: dsk y brn, dol		239-2L
640.00						089
	1.00	100	Sh/Clst:	ol gy to m gy, slt, mic		089-1L
			tr Cont	: prp		089-2L
			tr Ca	: dsk y brn, dol		089-3L
			tr S/Sst	: w, glauc, cem		089-4L
660.00						240
	1.25	100	Sh/Clst:	ol gy to m gy, slt, mic		240-1L
			tr Cont	: mic		240-2L
			tr Ca	: dsk y brn, dol		240-3L
			tr S/Sst	: w, glauc, cem		240-4L
670.00						090
	1.10	100	Sh/Clst:	ol gy to m gy, slt, mic, glauc		090-1L
			tr Cont	: prp		090-2L
			tr Ca	: dsk y brn, dol		090-3L
			tr S/Sst	: w, glauc, cem		090-4L
			tr Other	: pyr		090-5L
690.00						241
	1.19	100	Sh/Clst:	ol gy to m gy, slt, mic		241-1L
			tr Cont	: mic		241-2L
			tr Ca	: dsk y brn, dol		241-3L
			tr S/Sst	: w, glauc, cem		241-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
720.00						091
	1.12	100	Sh/Clst:	m gy, calc, slt, s, mic		091-1L
			tr Cont	: prp		091-2L
			tr Ca	: dsk y brn, dol		091-3L
			tr Other	: pyr		091-4L
750.00						242
	1.28	100	Sh/Clst:	m gy, calc, slt, s, mic		242-1L
			tr Cont	: mic		242-2L
			tr Ca	: dsk y brn, dol		242-3L
780.00						092
	1.11	100	Sh/Clst:	m gy, calc, slt, s, mic		092-1L
			tr Cont	: prp		092-2L
820.00						243
	1.13	100	Sh/Clst:	m gy, calc, slt, s, mic		243-1L
			tr Cont	: mic		243-2L
			tr Ca	: dsk y brn, dol		243-3L
850.00						093
	1.17	80	Sh/Clst:	m gy, calc, slt, s, mic		093-1L
		20	Ca	: w to lt gy, slt		093-2L
880.00						244
	1.14	90	Sh/Clst:	m gy, calc, slt, s, mic		244-1L
		10	Ca	: w to lt gy, slt		244-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
900.00	swc					033	
	0.96	100	Sh/Clst: brn blk, calc, carb, mic, wx tr Cont : dd			033-1L 033-2L	
910.00						094	
	1.17	90	Sh/Clst: m gy to drk gy, slt, mic 5 Ca : w to lt gy, slt 5 Ca : dsk y brn, dol tr S/Sst : w to lt gy, glauc, cem			094-1L 094-2L 094-3L 094-4L	
940.00						245	
	1.12	90	Sh/Clst: m gy to drk gy, slt, mic 5 Ca : w to lt gy, slt 5 Ca : dsk y brn, dol tr S/Sst : w to lt gy, glauc, cem			245-1L 245-2L 245-3L 245-4L	
970.00						095	
	-1.12	90	Sh/Clst: m gy to drk gy, slt, mic 5 Ca : w to lt gy, slt 5 S/Sst : w to lt gy, glauc, cem tr Ca : dsk y brn, dol			095-1L 095-2L 095-4L 095-3L	
1000.00						246	
	1.06	85	Sh/Clst: m gy to drk gy, slt, mic 15 S/Sst : w to lt gy, glauc, cem tr Ca : w to lt gy, slt tr Ca : dsk y brn, dol			246-1L 246-4L 246-2L 246-3L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
1030.00						096	
	1.05	100	Sh/Clst: m gy to drk gy, slt, s, mic tr Ca : dsk y brn, dol			096-1L 096-2L	
1050.00	swc					034	
	1.45	100	Sh/Clst: drk gy, calc, carb, wx tr Cont : dd			034-1L 034-2L	
1060.00						247	
	1.08	100	Sh/Clst: m gy to drk gy, slt, mic tr Ca : dsk y brn, dol			247-1L 247-2L	
1090.00						248	
	1.11	100	Sh/Clst: ol gy, m gy to drk gy, slt, mic			248-1L	
1120.00						249	
	0.70	100	Sh/Clst: ol gy, m gy to drk gy, slt, mic tr Sh/Clst: gy red			249-1L 249-2L	
1150.00						250	
	0.84	100	Sh/Clst: ol gy, m gy to drk gy, slt, mic tr Sh/Clst: gy red tr Ca : dsk y brn, dol			250-1L 250-2L 250-3L	
1178.00						097	
	0.75	100	Sh/Clst: ol gy, m gy to drk gy, slt, mic tr Sh/Clst: gy red			097-1L 097-2L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1190.00						251
	0.75	100		Sh/Clst: ol gy, m gy to drk gy, slt, mic tr Sh/Clst: gy red tr Ca : dsk y brn, dol		251-1L 251-2L 251-3L
1200.00						098
	0.73	100		Sh/Clst: ol gy, m gy to drk gy, slt, mic tr Sh/Clst: gy red		098-1L 098-2L
1210.00						252
	0.73	100		Sh/Clst: ol gy, m gy to drk gy, slt, mic tr Sh/Clst: gy red tr Ca : dsk y brn, dol		252-1L 252-2L 252-3L
1220.00						099
	0.75	90		Sh/Clst: ol gy, m gy to drk gy, slt, mic 10 Sh/Clst: gy red tr Sh/Clst: blk, carb tr Sltst : brn gy		099-1L 099-2L 099-3L 099-4L
1228.00						100
	5.87	75		Sh/Clst: ol gy, m gy to drk gy, slt, mic 10 Sh/Clst: gy red 10 Ca : w, chk 5 Sh/Clst: blk, carb tr Sltst : brn gy		100-1L 100-2L 100-5L 100-3L 100-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
1232.00	swc					035	
	0.64	100	Ca	:	gn gy, pyr	035-1L	
			tr Cont	:	dd	035-2L	
1238.00						101	
cvd		60	Sh/Clst:	ol gy, m gy to drk gy, slt, mic		101-1L	
	4.34	20	Sh/Clst:	brn blk, mic		101-4L	
cvd		10	Sh/Clst:	gy red		101-2L	
cvd		10	Ca	:	w, chk	101-3L	
1245.00	swc					036	
	2.40	100	Sh/Clst:	drk ol gy, carb, pyr, mic		036-1L	
			tr Cont	:	dd	036-2L	
1260.00	swc					037	
	8.37	100	Sh/Clst:	brn blk, carb, mic, wx		037-1L	
			tr Cont	:	dd	037-2L	
1262.00						103	
	7.55	70	Sh/Clst:	brn blk, mic		103-4L	
cvd		20	Sh/Clst:	ol gy, m gy to drk gy, slt, mic		103-1L	
cvd		5	Sh/Clst:	gy red		103-2L	
cvd		5	Ca	:	w, chk	103-3L	
1264.00	swc					038	
	13.44	100	Sh/Clst:	brn blk, carb, mic, wx		038-1L	
			tr Cont	:	dd	038-2L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1278.00						104
	cvd	10.64	90	Sh/Clst: brn blk, mic		104-4L
	cvd		10	Sh/Clst: ol gy, m gy to drk gy, slt, mic		104-1L
	cvd		tr	Sh/Clst: gy red		104-2L
	cvd		tr	Ca : w, chk		104-3L
1280.00	swc					039
		11.30	100	Sh/Clst: dsk y brn, carb, mic, wx		039-1L
			tr	Cont : dd		039-2L
1287.00						105
	cvd	13.47	90	Sh/Clst: brn blk, mic		105-2L
			10	Sh/Clst: ol gy, m gy to drk gy, slt, mic		105-1L
			tr	S/Sst : w, l		105-3L
1289.00	ccp					028
			100	S/Sst : brn gy		028-1L
1291.10	ccp					001
			90	S/Sst : brn gy		001-1L
			10	Sh/Clst: dsk y brn, wx		001-2L
1294.60	ccp					074
		70.30	100	Coal : blk		074-1L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1296.00						253
	11.97		40	Sh/Clst: m gy to drk gy, slt, mic		253-2L
			30	Sh/Clst: brn blk, mic		253-1L
			30	S/Sst : w, l		253-3L
			tr	Sh/Clst: gy red		253-4L
1297.00	ccp					005
			100	S/Sst : pl y brn, carb, pyr, mic, crs, st		005-1L
1305.00						106
	13.00		40	Sh/Clst: brn blk, mic		106-1L
	0.94		40	Sh/Clst: m gy to drk gy, slt, mic		106-2L
			15	S/Sst : w, l		106-4L
			5	Sh/Clst: gy red		106-3L
1307.10	ccp					075
	1.27		100	Sh/Clst: dsk y brn, carb		075-1L
1318.60	ccp					076
	18.07		100	Sh/Clst: blk, carb		076-1L
1319.60	ccp					077
	27.91		100	Sh/Clst: blk, carb, s		077-1L
1323.00						107
	11.37		50	Sh/Clst: m gy to drk gy, mic		107-2L
			40	Sh/Clst: blk to brn blk, carb, mic		107-1L
			10	S/Sst : w, l		107-4L
			tr	Sh/Clst: gy red		107-3L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1325.50	ccp					078
		15.68	100	Sh/Clst: blk, carb		078-1L
1340.00						108
		0.94	70	Sh/Clst: ol gy, m gy to drk gy, mic		108-2L
		8.49	25	Sh/Clst: blk to brn blk, carb, mic		108-1L
			5	S/Sst : w, l		108-4L
			tr	Sh/Clst: gy red		108-3L
1340.10	ccp					079
			50	Coal : blk to brn blk, cly		079-1L
			50	S/Sst : lt gy		079-2L
		28.97		bulk		079-0B
1350.00	ccp					029
			100	S/Sst : brn gy, cem		029-1L
1354.70	ccp					080
		39.62	100	Coal : blk, s, cly		080-1L
1369.00						109
		1.01	90	Sh/Clst: ol gy, m gy to drk gy, mic		109-2L
			10	Sh/Clst: blk to brn blk, carb, mic		109-1L
			tr	Sh/Clst: gy red		109-3L
			tr	Sh/Clst: brn gy, carb		109-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
1372.60	ccp					081	
	0.88	100	Sh/Clst: drk gy, mic			081-1L	
1388.00						254	
	1.02	90	Sh/Clst: ol gy, m gy to drk gy, mic			254-1L	
		10	Sh/Clst: blk to brn blk, carb, mic			254-2L	
		tr	Sh/Clst: gy red			254-3L	
		tr	Ca : dsk y brn, dol			254-4L	
1391.20	ccp					007	
		100	S/Sst : lt ol gy, carb, mic, dol, f, st			007-1L	
1394.00	ccp					030	
		100	S/Sst : brn gy, cem			030-1L	
1397.00						110	
	0.92	80	Sh/Clst: ol gy, m gy to drk gy, mic			110-2L	
		20	Kaolin : w			110-4L	
		tr	Sh/Clst: blk to brn blk, carb, mic			110-1L	
		tr	Sh/Clst: gy red			110-3L	
1407.30	ccp					082	
		100	S/Sst : m gy to drk y brn, crs, cem			082-1L	
1414.00						255	
	1.09	80	Sh/Clst: ol gy, m gy to drk gy, mic			255-1L	
		5	Sh/Clst: blk to brn blk, carb, mic			255-2L	
		5	Ca : dsk y brn, dol			255-4L	
		5	Kaolin : w			255-5L	
		5	S/Sst : w to lt gy, cem			255-6L	
		tr	Sh/Clst: gy red			255-3L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1430.00	swc					040
	0.05	100	S/Sst	: gn gy, carb, mic, glauc, f		040-1L
			tr Cont	: dd		040-2L
1433.00						111
	1.09	80	Sh/Clst:	ol gy, m gy to drk gy, mic		111-2L
		10	Sh/Clst:	brn gy		111-6L
		5	Kaolin :	w		111-4L
		5	S/Sst :	w, l		111-5L
		tr	Sh/Clst:	blk to brn blk, carb, mic		111-1L
		tr	Sh/Clst:	gy red		111-3L
1450.00						112
	0.19	100	S/Sst	: w to lt gy, l		112-2L
			tr Sh/Clst:	ol gy, m gy to drk gy, mic		112-1L
1469.00						256
	-0.98	90	Sh/Clst:	ol gy, m gy to drk gy, mic		256-1L
		5	S/Sst :	w to lt gy, cem		256-3L
		5	Ca :	dsk y brn, dol		256-4L
		tr	Sh/Clst:	gy red		256-2L
1486.00						113
	0.98	90	Sh/Clst:	ol gy, m gy to drk gy, mic		113-1L
		10	S/Sst :	w to lt gy, l		113-2L
1504.00						114
	0.90	70	Sh/Clst:	ol gy, m gy to drk gy, mic		114-1L
	0.23	15	Sh/Clst:	brn gy		114-2L
		10	S/Sst :	w to lt gy, f, cem		114-5L
		5	Sh/Clst:	gn gy		114-3L
		tr	Sh/Clst:	gy red		114-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
1531.00						115	
	0.82	70	Sh/Clst:	ol gy, m gy to drk gy, mic		115-1L	
		15	Sh/Clst:	brn gy		115-2L	
		5	Sh/Clst:	gn gy		115-3L	
		5	S/Sst	: w to lt gy, f, cem		115-4L	
		5	Coal	: blk to brn blk, cly		115-5L	
1540.00	swc					041	
	0.19	100	Sh/Clst:	m gn gy, calc		041-1L	
			tr Cont	: dd		041-2L	
1549.00						257	
	1.08	70	Sh/Clst:	ol gy, m gy to drk gy, mic		257-1L	
		10	Sh/Clst:	brn gy, gn gy		257-2L	
		10	S/Sst	: w to lt gy, f, cem		257-3L	
	46.67	10	Coal	: blk to brn blk, cly		257-4L	
1567.00						116	
	0.99	70	Sh/Clst:	ol gy, m gy to drk gy, mic		116-1L	
		15	Sh/Clst:	brn gy, gn gy		116-2L	
		10	S/Sst	: w to lt gy, f, cem		116-3L	
		5	Coal	: blk to brn blk, cly		116-4L	
1585.00						117	
	0.32	60	S/Sst	: w to lt gy, f, cem		117-3L	
		30	Sh/Clst:	ol gy, m gy to drk gy, mic		117-1L	
		10	Sh/Clst:	brn gy, gn gy		117-2L	
		tr	Coal	: blk to brn blk, cly		117-4L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
1603.00						258	
	0.75	80	Sh/Clst:	ol gy, m gy to drk gy, mic		258-1L	
		10	Sh/Clst:	brn gy, gn gy		258-2L	
		10	S/Sst	: w to lt gy, f, cem		258-3L	
		tr	Coal	: blk to brn blk, cly		258-4L	
1627.00						118	
		80	Sh/Clst:	ol gy, m gy to drk gy, mic		118-1L	
		15	Sh/Clst:	brn gy, gn gy		118-2L	
	27.55	5	Coal	: blk to brn blk, cly		118-4L	
		tr	S/Sst	: w to lt gy, f, cem		118-3L	
1630.00	swc					042	
	0.39	100	Ca	: gn gy, carb		042-1L	
		tr	Cont	: dd		042-2L	
1645.00						119	
	-0.90	50	Sh/Clst:	ol gy, m gy to drk gy, mic		119-1L	
		40	S/Sst	: w to lt gy		119-3L	
		10	Sh/Clst:	brn gy, gn gy		119-2L	
		tr	Coal	: blk to brn blk, cly		119-4L	
1663.00						259	
	0.93	60	Sh/Clst:	ol gy, m gy to drk gy, mic		259-1L	
		30	S/Sst	: w to lt gy		259-3L	
		10	Sh/Clst:	brn gy, gn gy		259-2L	
		tr	Coal	: blk to brn blk, cly		259-4L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1685.00						120
	0.31	50	S/Sst	: w to lt gy		120-3L
		45	Sh/Clst:	ol gy, m gy to drk gy, mic		120-1L
		5	Sh/Clst:	brn gy, gn gy		120-2L
		tr	Coal	: blk to brn blk, cly		120-4L
1717.00						260
	1.22	50	Sh/Clst:	ol gy, m gy to drk gy, mic		260-1L
		40	S/Sst	: w to lt gy		260-3L
		10	Sh/Clst:	brn gy, gn gy		260-2L
		tr	Coal	: blk to brn blk, cly		260-4L
1730.00	swc					043
	0.32	100	Sh/Clst:	lt bl gy to m bl gy, carb, pyr		043-1L
		tr	Cont	: dd		043-2L
1735.00						121
	1.05	90	Sh/Clst:	ol gy, m gy to drk gy, mic		121-1L
		5	Sh/Clst:	brn gy, gn gy		121-2L
		5	S/Sst	: w to lt gy		121-3L
1756.00						122
	0.24	80	S/Sst	: w to lt gy, l		122-3L
		20	Sh/Clst:	ol gy, m gy to drk gy, mic		122-1L
		tr	Sh/Clst:	brn gy, gn gy		122-2L
1783.00						261
	1.45	70	Sh/Clst:	ol gy, m gy to drk gy, mic		261-1L
		20	S/Sst	: w to lt gy		261-3L
		10	Sh/Clst:	brn gy, gn gy		261-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1801.00						123
	1.07	40	Sh/Clst:	ol gy, m gy to drk gy, mic		123-1L
		40	Sh/Clst:	gy red, red brn		123-4L
		10	Sh/Clst:	brn gy, gn gy		123-2L
		10	S/Sst	: w to lt gy, l		123-3L
1810.00						124
	0.22	40	Sh/Clst:	ol gy, m gy to drk gy, mic		124-1L
		40	Sh/Clst:	gy red, red brn		124-4L
		10	Sh/Clst:	brn gy, gn gy		124-2L
		10	S/Sst	: w to lt gy, cem		124-3L
1819.00						125
	0.96	40	Sh/Clst:	ol gy, m gy to drk gy, mic		125-1L
		40	Sh/Clst:	gy red, red brn		125-4L
		10	Sh/Clst:	brn gy, gn gy		125-2L
		10	S/Sst	: w to lt gy, cem		125-3L
1827.00						126
	1.24	40	Sh/Clst:	ol gy, m gy to drk gy, mic		126-1L
		40	Sh/Clst:	gy red, red brn		126-4L
		10	Sh/Clst:	brn gy, gn gy		126-2L
		10	S/Sst	: w to lt gy, cem		126-3L
1837.00						127
	0.20	40	Sh/Clst:	gy red, red brn		127-4L
		35	Sh/Clst:	ol gy, m gy to drk gy, mic		127-1L
		10	Sh/Clst:	brn gy, gn gy		127-2L
		10	S/Sst	: w to lt gy, cem		127-3L
		5	Ca	: drk y brn to dsk y brn, dol		127-5L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1846.00						262
		0.82		40 Sh/Clst: gy red, red brn		262-1L
				40 Sh/Clst: ol gy, m gy to drk gy, mic		262-2L
				10 Sh/Clst: brn gy, gn gy		262-3L
				10 S/Sst : w to lt gy, cem		262-4L
1855.00						129
		0.82		60 Sh/Clst: ol gy, m gy to drk gy, mic		129-1L
				20 Sh/Clst: gy red, red brn		129-4L
				10 Sh/Clst: brn gy, gn gy		129-2L
				10 S/Sst : w to lt gy, cem		129-3L
				tr Coal : blk to brn blk, cly		129-5L
1864.00						131
		0.72		60 Sh/Clst: ol gy, m gy to drk gy, mic		131-1L
				20 Sh/Clst: gy red, red brn		131-4L
				10 Sh/Clst: brn gy, gn gy		131-2L
				10 S/Sst : w to lt gy, cem		131-3L
				tr Coal : blk to brn blk, cly		131-5L
1873.00						130
		0.93		60 Sh/Clst: ol gy, m gy to drk gy, mic		130-1L
				20 Sh/Clst: gy red, red brn		130-4L
				10 Sh/Clst: brn gy, gn gy		130-2L
				10 S/Sst : w to lt gy, cem		130-3L
				tr Coal : blk to brn blk, cly		130-5L
1875.00	swc					044
		0.17		100 Sh/Clst: lt gn gy to m gn gy, slt, pyr		044-1L
				tr Cont : dd		044-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1882.00						128
	0.94	60	Sh/Clst:	ol gy, m gy to drk gy, mic		128-1L
		20	Sh/Clst:	gy red, red brn		128-4L
		10	Sh/Clst:	brn gy, gn gy		128-2L
		10	S/Sst	: w to lt gy, cem		128-3L
		tr	Coal	: blk to brn blk, cly		128-5L
1891.00						263
	1.36	50	Sh/Clst:	ol gy, m gy to drk gy, mic		263-2L
		30	S/Sst	: w to lt gy, cem		263-4L
		10	Sh/Clst:	gy red, red brn		263-1L
		10	Sh/Clst:	brn gy, gn gy		263-3L
1900.00						132
	0.32	50	S/Sst	: w to lt gy, cem		132-3L
		40	Sh/Clst:	ol gy, m gy to drk gy, mic		132-1L
		10	Sh/Clst:	brn gy, gn gy		132-2L
		tr	Sh/Clst:	gy red, red brn		132-4L
		tr	Coal	: blk to brn blk, cly		132-5L
1909.00						133
	1.61	50	Sh/Clst:	ol gy, m gy to drk gy, mic		133-1L
		40	S/Sst	: w to lt gy		133-3L
		10	Sh/Clst:	brn gy, gn gy		133-2L
		tr	Sh/Clst:	gy red, red brn		133-4L
		tr	Coal	: blk to brn blk, cly		133-5L
1918.00						134
	1.05	50	Sh/Clst:	brn blk, ol gy, m gy to drk gy, mic		134-1L
		35	S/Sst	: w to lt gy		134-3L
		10	Sh/Clst:	brn gy, gn gy		134-2L
		5	Ca	: dsk y brn, dol		134-5L
		tr	Sh/Clst:	gy red, red brn		134-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1927.00						135
	1.05	55	Sh/Clst:	brn blk, ol gy, m gy to drk gy, mic		135-1L
		30	S/Sst	: w to lt gy		135-3L
		10	Sh/Clst:	brn gy, gn gy		135-2L
		5	Ca	: dsk y brn, dol		135-5L
		tr	Sh/Clst:	gy red, red brn		135-4L
1936.00						136
	0.91	70	Sh/Clst:	brn blk, ol gy, m gy to drk gy, mic		136-1L
		10	Sh/Clst:	brn gy, gn gy		136-2L
		10	Sh/Clst:	gy red, red brn		136-3L
		10	S/Sst	: w to lt gy		136-4L
		tr	Ca	: dsk y brn, dol		136-5L
1940.00	swc					045
	0.86	100	Sh/Clst:	m gy to drk gy		045-1L
		tr	Cont	: dd		045-2L
1945.00						137
	0.99	70	Sh/Clst:	brn blk, ol gy, m gy to drk gy, mic		137-1L
		10	Sh/Clst:	brn gy, gn gy		137-2L
		10	Sh/Clst:	gy red, red brn		137-3L
		10	S/Sst	: w to lt gy		137-4L
		tr	Ca	: dsk y brn, dol		137-5L
1954.00						264
	0.91	70	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		264-1L
		10	Sh/Clst:	brn gy, gn gy		264-2L
		10	Sh/Clst:	gy red, red brn		264-3L
		10	S/Sst	: w to lt gy		264-4L
		tr	Ca	: dsk y brn, dol		264-5L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1963.00						138
	1.28	70	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		138-1L
		10	Sh/Clst:	brn gy, gn gy		138-2L
		10	Sh/Clst:	gy red, red brn		138-3L
		10	S/Sst	: w to lt gy		138-4L
		tr	Ca	: dsk y brn, dol		138-5L
1972.00						139
	1.19	80	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		139-1L
		10	S/Sst	: w to lt gy		139-4L
		5	Sh/Clst:	brn gy, gn gy		139-2L
		5	Sh/Clst:	gy red, red brn		139-3L
		tr	Ca	: dsk y brn, dol		139-5L
1981.00						140
	1.07	80	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		140-1L
		10	S/Sst	: w to lt gy		140-4L
		5	Sh/Clst:	brn gy, gn gy		140-2L
		5	Sh/Clst:	gy red, red brn		140-3L
		tr	Ca	: dsk y brn, dol		140-5L
1990.00						141
	1.22	70	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		141-1L
		30	S/Sst	: w to lt gy		141-4L
		tr	Sh/Clst:	brn gy, gn gy		141-2L
		tr	Sh/Clst:	gy red, red brn		141-3L
		tr	Ca	: dsk y brn, dol		141-5L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1999.00						142
			50	Sh/Clst: ol gy, m gy to drk gy, dsk y brn, mic		142-1L
	0.22		50	S/Sst : w to lt gy, cem		142-4L
			tr	Sh/Clst: brn gy, gn gy		142-2L
			tr	Sh/Clst: gy red, red brn		142-3L
			tr	Ca : dsk y brn, dol		142-5L
2017.00						143
	0.79		85	Sh/Clst: ol gy, m gy to drk gy, dsk y brn, mic		143-1L
			10	S/Sst : w to lt gy, cem		143-3L
			5	Sh/Clst: gy red, red brn		143-2L
2035.00						265
	0.86		70	Sh/Clst: ol gy, m gy to drk gy, dsk y brn, mic		265-1L
			25	S/Sst : w to lt gy to m gy, cem		265-3L
			5	Sh/Clst: gy red, red brn		265-2L
2062.00						144
	0.79		70	Sh/Clst: ol gy, m gy to drk gy, dsk y brn, mic		144-1L
			25	S/Sst : w to lt gy to m gy, cem		144-3L
			5	Sh/Clst: gy red, red brn		144-2L
2089.00						266
	0.80		65	Sh/Clst: ol gy, m gy to drk gy, dsk y brn, mic		266-1L
			25	Sh/Clst: gy red, red brn		266-2L
			10	S/Sst : w to lt gy to m gy, cem		266-3L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2107.00						145
	0.71	75	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		145-1L
		20	S/Sst	: w to lt gy to m gy, cem		145-3L
		5	Sh/Clst:	gy red, red brn		145-2L
2125.00						146
	0.59	75	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		146-1L
		20	S/Sst	: w to lt gy to m gy, cem		146-3L
		5	Sh/Clst:	gy red, red brn		146-2L
2143.00						267
	0.64	75	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		267-1L
		20	S/Sst	: w to lt gy to m gy, cem		267-3L
		5	Sh/Clst:	gy red, red brn		267-2L
2160.00	swc					046
	1.62	100	Sh/Clst:	brn blk, carb, wx		046-1L
			tr Cont	: dd		046-2L
2161.00						147
	1.19	75	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		147-1L
		20	S/Sst	: w to lt gy to m gy, cem		147-3L
		5	Sh/Clst:	gy red, red brn		147-2L
			tr Coal	: blk		147-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2179.00						148
	1.01	50	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		148-1L
		45	S/Sst :	w to lt gy to m gy, cem		148-3L
		5	Sh/Clst:	gy red, red brn		148-2L
		tr	Coal :	blk		148-4L
2197.00						268
	0.33	55	S/Sst :	w to lt gy to m gy, cem		268-3L
		40	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		268-1L
		5	Sh/Clst:	gy red, red brn		268-2L
2215.00						149
	1.49	80	Sh/Clst:	ol gy, m gy to drk gy, dsk y brn, mic		149-1L
		10	S/Sst :	w to lt gy to m gy, cem		149-3L
		5	Sh/Clst:	gy red, red brn		149-2L
		5	Cont :	Coal-ad, tar-ad		149-4L
2233.00						150
	0.96	50	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		150-1L
		50	S/Sst :	w to lt gy to m gy, cem		150-3L
		tr	Sh/Clst:	gy red, red brn		150-2L
		tr	Cont :	Coal-ad, tar-ad		150-4L
2251.00						269
		50	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		269-1L
	0.10	50	S/Sst :	w to lt gy to m gy, cem		269-2L
		tr	Sh/Clst:	gy red, red brn		269-3L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2269.00						151
	0.95	50	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		151-1L
		50	S/Sst	: w to lt gy to m gy, cem		151-3L
		tr	Sh/Clst:	gy red, red brn		151-2L
		tr	Cont	: Coal-ad, tar-ad		151-4L
2287.00						152
	0.20	60	S/Sst	: w to lt gy, cem		152-3L
		40	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		152-1L
		tr	Sh/Clst:	gy red, red brn		152-2L
		tr	Cont	: Coal-ad, tar-ad		152-4L
2305.00						153
	0.89	60	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		153-1L
		40	S/Sst	: w to lt gy, cem		153-3L
		tr	Sh/Clst:	gy red, red brn		153-2L
2323.00						154
	0.80	70	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		154-1L
		30	S/Sst	: w to lt gy, cem		154-3L
		tr	Sh/Clst:	gy red, red brn		154-2L
2340.00	swc					047
	0.38	100	Sh/Clst:	m gn gy, mic		047-1L
		tr	Cont	: dd		047-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2341.00						155
	1.01	60	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		155-1L
		40	S/Sst :	w to lt gy, cem		155-3L
		tr	Sh/Clst:	gy red, red brn		155-2L
2368.00						156
		60	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		156-1L
	0.34	40	S/Sst :	w to lt gy, cem		156-3L
		tr	Sh/Clst:	gy red, red brn		156-2L
2386.00						157
	0.85	70	Sh/Clst:	brn gy, ol gy, m gy to drk gy, dsk y brn, mic		157-1L
		30	S/Sst :	w to lt gy, cem		157-3L
		tr	Sh/Clst:	gy red, red brn		157-2L
2413.00						158
	0.97	80	Sh/Clst:	brn gy, m gy to drk gy, dsk y brn, mic		158-1L
		20	S/Sst :	w to lt gy, glauc, cem		158-2L
		tr	Sh/Clst:	gy red, red brn		158-3L
2415.00	swc					048
	0.30	100	Sh/Clst:	m gn gy, mic		048-1L
		tr	Cont :	dd		048-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2440.00						159
	0.64	90	Sh/Clst:	brn gy, m gy to drk gy, dsk y brn, mic		159-1L
		10	S/Sst :	w to lt gy, pyr, glauc, cem		159-2L
		tr	Sh/Clst:	gy red, red brn		159-3L
		tr	Cont :	prp, fib		159-4L
2467.00						160
	0.13	60	S/Sst :	w to lt gy, calc, mic, cem		160-3L
		35	Sh/Clst:	brn gy, m gy to drk gy, mic		160-1L
		5	Cont :	prp, fib		160-2L
2503.00						270
	0.24	50	Sh/Clst:	brn gy, m gy to drk gy, mic		270-1L
		45	S/Sst :	w to lt gy, calc, mic, f, cem		270-2L
		5	Cont :	prp		270-3L
2530.00						161
	0.31	50	Sh/Clst:	brn gy, m gy to drk gy, mic		161-1L
		45	S/Sst :	w to lt gy, calc, mic, f, cem		161-3L
		5	Cont :	prp, fib		161-2L
2548.00						162
	0.11	65	S/Sst :	w to lt gy, calc, mic, f, cem		162-3L
		30	Sh/Clst:	brn gy, m gy to drk gy, mic		162-1L
		5	Cont :	prp, fib		162-2L
		tr	Other :	pyr		162-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2550.00	swc					050	
		100	Sltst : ol gy to lt ol gy, calc, glauc			050-1L	
2557.00						271	
	0.15	65	S/Sst : w to lt gy, calc, mic, f, cem			271-2L	
		30	Sh/Clst: brn gy, m gy to drk gy, mic			271-1L	
		5	Cont : prp, fib			271-3L	
2593.00						163	
	0.28	35	Cont : prp			163-1L	
		35	Sh/Clst: brn gy, m gy to drk gy			163-3L	
		25	Cont : drk gy, dd			163-4L	
		5	S/Sst : w to lt gy, calc, mic, cem			163-2L	
2606.00	swc					051	
		100	Sltst : ol gy, calc, mic			051-1L	
2620.00						272	
	0.35	90	Sh/Clst: ol gy to m gy, calc, mic			272-1L	
		10	Cont : prp			272-2L	
2636.00	swc					083	
		100	Sh/Clst: ol gy			083-1L	
2666.00	swc					052	
	0.40	100	Sh/Clst: dsk y brn			052-1L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2683.00						273	
	0.26	70	Sh/Clst: brn gy, m gy to drk gy			273-1L	
		20	S/Sst : w to lt gy, calc, mic, cem			273-2L	
		10	Cont : prp			273-3L	
2710.00						164	
	0.35	85	Sh/Clst: brn gy, m gy to drk gy			164-3L	
		10	S/Sst : w to lt gy, calc, mic, cem			164-2L	
		5	Cont : prp			164-1L	
2737.00						274	
	0.29	75	Sh/Clst: brn gy, m gy to drk gy			274-1L	
		20	S/Sst : w to lt gy, calc, mic, cem			274-2L	
		5	Cont : prp			274-3L	
2764.00						165	
	0.27	55	Sh/Clst: brn gy, m gy to drk gy			165-3L	
		35	S/Sst : w to lt gy, calc, pyr, mic, cem			165-2L	
		10	Cont : prp			165-1L	
2800.00						275	
	0.09	50	Sh/Clst: brn gy, m gy to drk gy			275-1L	
		40	S/Sst : w to lt gy, calc, mic, cem			275-2L	
		10	Cont : prp, dd			275-3L	
2827.00						166	
	0.08	70	S/Sst : w to lt gy, calc, mic			166-2L	
		25	Sh/Clst: brn gy, m gy to drk gy			166-3L	
		5	Cont : prp			166-1L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
2863.00						276	
	0.06	85	S/Sst	: w to lt gy, calc, mic, cem		276-2L	
		15	Sh/Clst:	brn gy, m gy to drk gy		276-1L	
			tr Cont	: prp, dd		276-3L	
2890.00						167	
	0.08	100	S/Sst	: w to lt gy, calc, mic		167-2L	
			tr Cont	: prp		167-1L	
			tr Sh/Clst:	brn gy, m gy to drk gy		167-3L	
2897.00	swc					053	
	0.23	90	Sltst	: ol gy to lt ol gy, calc		053-1L	
		10	Cont	: brn gy, dd		053-2L	
2917.00						277	
	0.15	90	S/Sst	: w to lt gy, calc, mic, f		277-2L	
		10	Sh/Clst:	brn gy, m gy to drk gy		277-1L	
			tr Cont	: prp, dd		277-3L	
2932.00	swc					054	
	0.27	100	Sh/Clst:	ol gy, slt, mic		054-1L	
			tr Cont	: brn gy, dd		054-2L	
2944.00						168	
	0.16	90	S/Sst	: w to lt gy, calc, mic, f		168-2L	
		10	Sh/Clst:	brn gy, m gy to drk gy		168-3L	
			tr Cont	: prp		168-1L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2980.00						278
	0.18	90	S/Sst	: w to lt gy, calc, mic, f		278-2L
		10	Sh/Clst:	brn gy, m gy to drk gy		278-1L
			tr Cont	: prp, dd		278-3L
2985.00	swc					055
	0.24	90	Sh/Clst:	ol gy, calc, slt, mic		055-1L
		10	Cont	: brn gy, dd		055-2L
3016.00						169
	0.20	95	S/Sst	: w to lt gy, calc, mic, f		169-2L
		5	Sh/Clst:	brn gy, m gy to drk gy		169-3L
			tr Cont	: prp		169-1L
3043.00						279
	0.80	90	S/Sst	: w to lt gy, calc, mic, f		279-2L
		10	Sh/Clst:	brn gy, m gy to drk gy		279-1L
			tr Cont	: prp, dd		279-3L
3047.00	swc					056
	0.18	90	Sh/Clst:	ol gy, slt, mic		056-1L
		10	Cont	: brn gy, dd		056-2L
3070.00						170
	0.12	100	S/Sst	: w to lt gy, calc, mic, f		170-2L
			tr Cont	: prp		170-1L
			tr Sh/Clst:	m gy to drk gy, dsk y brn		170-3L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3097.00						280
		0.32	60	S/Sst : w to lt gy, calc, mic, f		280-2L
			40	Sh/Clst: brn gy, m gy to drk gy		280-1L
				tr Cont : prp, dd		280-3L
3102.00	swc					057
		0.21	95	Sh/Clst: ol gy, mic		057-1L
			5	Cont : brn gy, dd		057-2L
3117.00	swc					084
			100	Sh/Clst: ol gy, slt		084-1L
3133.00						171
		0.18	95	S/Sst : w to lt gy, calc, mic, f		171-2L
			5	Sh/Clst: m gy to drk gy, dsk y brn, mic		171-3L
				tr Cont : prp		171-1L
3160.00						281
		0.13	90	S/Sst : w to lt gy, calc, mic, f		281-2L
			10	Sh/Clst: m gy to drk gy, dsk y brn, mic		281-1L
				tr Cont : prp		281-3L
3177.00	swc					058
		0.21	100	Sh/Clst: ol gy to dsk y brn, mic		058-1L
				tr Cont : brn gy, dd		058-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3187.00						172
	0.29	90	S/Sst	: w to lt gy, calc, mic, f		172-2L
		10	Sh/Clst:	m gy to drk gy, dsk y brn, mic		172-3L
			tr Cont	: prp		172-1L
3223.00						282
	0.15	90	S/Sst	: w to lt gy, calc, mic, f		282-2L
		10	Sh/Clst:	m gy to drk gy, dsk y brn, mic		282-1L
			tr Cont	: prp		282-3L
3237.00	swc					059
	0.32	100	Sh/Clst:	ol gy to dsk y brn, slt, mic		059-1L
			tr Cont	: brn gy, dd		059-2L
3250.00						173
	0.19	85	S/Sst	: w to lt gy, calc, mic, f		173-2L
		15	Sh/Clst:	m gy to drk gy, dsk y brn, calc,		173-3L
				mic		
			tr Cont	: prp, fib		173-1L
			tr Ca	: dsk y brn		173-4L
3277.00						283
	0.39	100	Sh/Clst:	m gy to drk gy, dsk y brn, calc,		283-1L
				mic		
			tr S/Sst	: w to lt gy, calc, mic, f		283-2L
3295.00						174
	0.62	100	Sh/Clst:	m gy to drk gy, dsk y brn, calc,		174-3L
				mic		
			tr Cont	: prp, fib		174-1L
			tr S/Sst	: w to lt gy, calc, mic, f		174-2L
			tr Ca	: drk gy		174-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3310.00	swc					060
	0.60	95	Sh/Clst:	ol blk to dsk y brn, calc, slt		060-1L
		5	Cont	: brn gy, dd		060-2L
3313.00						175
	0.92	50	Sh/Clst:	m gy to drk gy, calc, mic		175-3L
		50	Marl	: m gy to drk gy, mic		175-4L
			tr Cont	: prp, fib		175-1L
			tr S/Sst	: w to lt gy, calc, mic, f		175-2L
3331.00						176
	0.85	75	Sh/Clst:	m gy to drk gy, calc, mic		176-3L
		25	Marl	: m gy to drk gy, mic		176-4L
			tr Cont	: prp, fib		176-1L
			tr S/Sst	: w to lt gy, calc, mic, f		176-2L
3340.00						284
	0.82	100	Sh/Clst:	drk gy to dsk y brn, calc, mic		284-1L
			tr Cont	: prp, dd		284-2L
3358.00						177
	0.59	90	Sh/Clst:	m gy to drk gy, calc, mic		177-3L
		10	Marl	: m gy to drk gy, mic		177-4L
			tr Cont	: prp, fib		177-1L
			tr S/Sst	: w to lt gy, calc, mic, f		177-2L
3360.00	swc					061
	0.82	95	Sh/Clst:	ol blk to dsk y brn, calc, slt, mic		061-1L
		5	Cont	: brn gy, dd		061-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
3376.00						178	
	0.57	90	Sh/Clst: m gy to drk gy, calc, mic			178-3L	
		10	Marl : m gy to drk gy, mic			178-4L	
			tr Cont : prp, fib			178-1L	
			tr S/Sst : w to lt gy, calc, mic, f			178-2L	
3403.00						285	
	0.51	100	Sh/Clst: m gy to drk gy, dsk y brn, calc, mic			285-1L	
			tr Cont : prp, dd			285-2L	
3421.00						179	
	0.69	90	Sh/Clst: m gy to drk gy, dsk y brn, calc, mic			179-3L	
		10	Marl : m gy to drk gy, mic			179-4L	
			tr Cont : prp			179-1L	
			tr S/Sst : w to lt gy, calc, mic, f			179-2L	
			tr Other : pyr			179-5L	
3427.00	swc					062	
	0.91	100	Sh/Clst: brn blk to ol blk, calc, slt, mic			062-1L	
3439.00						180	
	0.70	90	Sh/Clst: m gy to drk gy, dsk y brn, calc, mic			180-3L	
		10	Marl : m gy to drk gy, mic			180-4L	
			tr Cont : prp			180-1L	
			tr S/Sst : w to lt gy, calc, mic, f			180-2L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3452.00	swc					063
	1.08	100		Sh/Clst: brn blk to ol blk, calc, slt, mic		063-1L
3457.00						181
	0.79	95		Sh/Clst: m gy to drk gy, dsk y brn, calc, mic		181-3L
		5		Marl : m gy to drk gy, mic		181-4L
				tr Cont : prp		181-1L
				tr S/Sst : w to lt gy, calc, mic, f		181-2L
3475.00						182
	0.58	100		Sh/Clst: m gy to drk gy, dsk y brn, brn gy, calc, mic		182-3L
				tr Cont : prp, fib		182-1L
				tr S/Sst : w to lt gy, calc, mic, f		182-2L
				tr Marl : m gy to drk gy, mic		182-4L
				tr Sh/Clst: lt bl gy		182-5L
3493.00						183
	0.88	100		Sh/Clst: m gy to drk gy, dsk y brn, brn gy, mic		183-3L
				tr Cont : prp		183-1L
				tr S/Sst : w to lt gy, calc, mic, f		183-2L
				tr Sh/Clst: lt bl gy		183-4L
3517.00	swc					064
	1.27	100		Sh/Clst: blk to brn blk, carb, slt		064-1L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
3520.00						184	
	0.98	100	Sh/Clst: drk gy, brn blk, dsk y brn, mic			184-3L	
			tr Cont : prp			184-1L	
			tr S/Sst : w to lt gy, calc, mic, f			184-2L	
			tr Sh/Clst: lt bl gy			184-4L	
3538.00						185	
	0.73	100	Sh/Clst: drk gy, brn blk, dsk y brn, mic			185-2L	
			tr Cont : prp			185-1L	
			tr Sh/Clst: lt gy, slt			185-3L	
			tr Ca : w			185-4L	
3556.00						186	
	0.60	50	Cont : prp, fib			186-1L	
		50	Sh/Clst: drk gy, brn blk, mic			186-2L	
			tr Sh/Clst: lt gy, slt			186-3L	
			tr Ca : w			186-4L	
3583.00						187	
	1.48	100	Sh/Clst: drk gy, brn blk, mic			187-2L	
			tr Cont : prp			187-1L	
			tr Sh/Clst: lt gy, lt bl gy, slt			187-3L	
			tr S/Sst : w, calc			187-4L	
3601.00						188	
	1.42	100	Sh/Clst: drk gy, brn blk, mic			188-2L	
			tr Cont : prp			188-1L	
			tr Sh/Clst: lt gy, lt bl gy, mic			188-3L	
			tr S/Sst : w, calc			188-4L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description			
3619.00						189
	1.02	75	Cont	: prp		189-1L
		15	Sh/Clst:	drk gy, brn blk, mic		189-2L
		10	Sh/Clst:	lt gy, lt bl gy, mic		189-3L
		tr	S/Sst	: w, calc		189-4L
3637.00						190
	1.28	100	Sh/Clst:	drk gy, brn blk, mic		190-2L
			tr Cont	: prp		190-1L
			tr Sh/Clst:	lt gy, lt bl gy, mic		190-3L
			tr S/Sst	: w, l		190-4L
			tr Other	: pyr		190-5L
3655.00						191
	1.32	100	Sh/Clst:	drk gy, brn blk, mic		191-2L
			tr Cont	: prp		191-1L
			tr Sh/Clst:	lt gy, lt bl gy, mic		191-3L
3667.00	swc					065
	0.88	100	Sh/Clst:	blk to brn blk, carb, pyr, slt		065-1L
3673.00						192
	0.83	90	Chert	: m gy to drk gy, calc		192-4L
		10	Sh/Clst:	drk gy, brn blk, mic		192-2L
			tr Cont	: prp		192-1L
			tr Sh/Clst:	lt gy, lt bl gy, mic		192-3L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3700.00						193
	0.33	100	Chert	: m gy to drk gy, calc		193-4L
			tr Cont	: prp		193-1L
			tr Sh/Clst:	drk gy, brn blk, mic		193-2L
			tr Sh/Clst:	lt gy, lt bl gy, mic		193-3L
			tr S/Sst	: w to m gy, calc		193-5L
3727.00						194
	0.15	95	Chert	: m gy to drk gy, w, calc		194-3L
		5	Cont	: Coal-ad, prp, fib, evap		194-1L
			tr Sh/Clst:	drk gy, brn blk, mic		194-2L
			tr S/Sst	: w to m gy, calc		194-4L
			tr Other	: pyr		194-5L
			tr Sh/Clst:	lt bl gy		194-6L
3763.00						195
	0.21	70	Chert	: m gy to drk gy, w, calc		195-3L
		30	S/Sst	: w to m gy, calc		195-4L
			tr Cont	: prp, fib		195-1L
			tr Sh/Clst:	drk gy, brn blk, mic		195-2L
3790.00						196
	0.17	90	S/Sst	: w to m gy, calc		196-4L
		10	Chert	: m gy to drk gy, w, calc		196-3L
			tr Cont	: prp, fib		196-1L
			tr Sh/Clst:	drk gy, brn blk, mic		196-2L
3797.00	swc					066
		95	Sh/Clst:	blk to brn blk		066-1L
		5	Cont	: brn gy, dd		066-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3817.00						197
	0.19	95	S/Sst	: w to m gy, calc, f		197-4L
		5	Chert	: m gy to drk gy, w, calc		197-3L
			tr Cont	: prp		197-1L
			tr Sh/Clst:	drk gy, brn blk, mic		197-2L
3835.00	swc					067
		95	Sh/Clst:	blk to brn blk		067-1L
		5	Cont	: brn gy, dd		067-2L
3844.00						198
	0.53	80	Sh/Clst:	brn blk, drk gy, calc, mic, sil		198-4L
		20	S/Sst	: w to m gy, calc, cly, f		198-3L
			tr Cont	: prp		198-1L
			tr Sh/Clst:	drk gy, brn blk, mic		198-2L
3862.00						199
	0.64	75	Sh/Clst:	brn blk, drk gy, calc, mic, sil		199-3L
		25	Sltst	: w to m gy, calc		199-2L
			tr Cont	: prp		199-1L
3880.00						200
	0.62	60	Sh/Clst:	brn blk, drk gy, calc, mic, sil		200-3L
	0.49	40	Sltst	: w to m gy, calc, s		200-2L
			tr Cont	: prp		200-1L
3907.00						201
	0.25	55	Ca.	: m gy to drk gy, dol, sil		201-4L
		45	Ca	: w to lt or, s		201-5L
			tr Cont	: prp, fib		201-1L
			tr Sltst	: w to m gy, calc, s		201-2L
			tr Sh/Clst:	brn blk, drk gy, calc, mic, sil		201-3L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3943.00						202
	0.08	100	Ca	: w to lt or, s		202-5L
			tr Cont	: prp, fib		202-1L
			tr Sltst	: w to m gy, calc, s		202-2L
			tr Sh/Clst	: brn blk, drk gy, calc, mic, sil		202-3L
			tr Ca	: m gy to drk gy, dol, sil		202-4L
3970.00						203
	0.07	100	Ca	: w to lt or		203-4L
			tr Cont	: Mica-ad, prp		203-1L
			tr Sh/Clst	: brn blk, drk gy, lt bl gy, calc, mic		203-2L
			tr Ca	: m gy to drk gy, dol, sil		203-3L
3997.00						204
	0.07	100	Ca	: w to lt or		204-4L
			tr Cont	: prp		204-1L
			tr Sh/Clst	: brn blk, drk gy, lt bl gy, calc, mic		204-2L
			tr Ca	: m gy to drk gy, dol, sil		204-3L
4024.00						205
	0.05	100	Ca	: w to lt or		205-3L
			tr Cont	: prp		205-1L
			tr Sh/Clst	: brn blk, drk gy, lt bl gy, mic		205-2L
4060.00						206
	0.06	100	Ca	: w to lt or		206-3L
			tr Cont	: prp		206-1L
			tr Sh/Clst	: brn blk, drk gy, lt bl gy, mic		206-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
4087.00						207
	0.05	100	Ca	: w to lt or		207-3L
			tr Cont	: prp		207-1L
			tr Sh/Clst:	brn blk, drk gy, lt bl gy, mic		207-2L
4114.00						208
	0.06	100	Ca	: w to lt or		208-3L
			tr Cont	: prp		208-1L
			tr Sh/Clst:	brn blk, drk gy, lt bl gy, mic		208-2L
4123.00						209
	0.05	100	Ca	: w to lt or		209-3L
			tr Cont	: prp		209-1L
			tr Sh/Clst:	brn blk, drk gy, lt bl gy, mic		209-2L
4150.00						210
	0.04	100	Ca	: w to lt or		210-3L
			tr Cont	: prp		210-1L
			tr Sh/Clst:	brn blk, drk gy, lt bl gy, mic		210-2L
4177.00						211
	0.02	100	Ca	: w to lt or		211-3L
			tr Cont	: prp		211-1L
			tr Sh/Clst:	brn blk, drk gy, lt bl gy, mic		211-2L
4204.00						212
	0.02	100	Ca	: w to lt or		212-3L
			tr Cont	: prp		212-1L
			tr Sh/Clst:	brn blk, drk gy, lt bl gy, mic		212-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
4231.00						213
	0.02	100	Ca		: w to lt or	213-3L
			tr Cont		: prp	213-1L
			tr Sh/Clst:		brn blk, drk gy, lt bl gy, mic	213-2L
4240.00						214
	0.04	100	Ca		: w to lt or	214-3L
			tr Cont		: prp	214-1L
			tr Sh/Clst:		brn blk, drk gy, lt bl gy, mic	214-2L
4267.00						215
	0.03	100	Ca		: w to lt or	215-3L
			tr Cont		: prp	215-1L
			tr Sh/Clst:		brn blk, drk gy, lt bl gy, mic	215-2L
4275.00	swc					068
		100	Ca		: lt gy to lt ol gy, pyr	068-1L
			tr Cont		: brn gy, dd	068-2L
4303.00						216
	0.05	95	Ca		: w to lt or, pl brn, pyr	216-3L
		5	Cont		: Coal-ad, prp	216-1L
			tr Sh/Clst:		brn blk, drk gy, lt bl gy, mic	216-2L
4330.00						217
	0.05	90	Ca		: w to lt or, pl brn, pyr	217-3L
		10	Ca		: m gy to drk gy, sil	217-4L
			tr Cont		: prp	217-1L
			tr Sh/Clst:		brn blk, drk gy, lt bl gy, mic	217-2L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
4356.50	swc					069	
		50	Ca	:	ol gy to drk gy, dol	069-1L	
		50	Cont	:	cem, prp, dd	069-2L	
4357.00						218	
	0.13	90	Ca	:	w to lt or, pl brn, m gy	218-3L	
		10	Ca	:	drk gy, sil	218-4L	
			tr Cont	:	prp	218-1L	
			tr Sh/Clst:	:	brn blk, drk gy, lt bl gy, calc, mic	218-2L	
4375.00						219	
	0.04	95	Ca	:	w to lt or, pl brn, m gy	219-3L	
		5	Ca	:	drk gy, sil	219-4L	
			tr Cont	:	prp	219-1L	
			tr Sh/Clst:	:	brn blk, drk gy, lt bl gy, calc, mic	219-2L	
4377.00	swc					070	
	0.31	100	Sltst	:	brn gy, calc	070-1L	
4402.00						220	
	0.06	100	Ca	:	w to lt or, pl brn, m gy	220-2L	
			tr Cont	:	Coal-ad, prp	220-1L	
			tr Ca	:	drk gy, sil	220-3L	
4420.00						221	
	0.09	95	Ca	:	w to lt or, pl brn, m gy, pyr	221-2L	
		5	Cont	:	Coal-ad, prp	221-1L	
			tr Ca	:	drk gy, sil	221-3L	
			tr Sh/Clst:	:	brn blk, mic	221-4L	

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
4447.00						222
	0.73		75 Ca	: w to lt or, pl brn, m gy, pyr		222-2L
			20 S/Sst	: w, calc		222-5L
			5 Sh/Clst	: brn blk, lt bl gy, drk gy, mic		222-4L
			tr Cont	: Coal-ad, prp		222-1L
			tr Ca	: drk gy, sil		222-3L
4465.00						223
	0.07		100 Ca	: w to m gy, carb		223-2L
			tr Cont	: prp		223-1L
			tr Sh/Clst	: brn blk, mic		223-3L
			tr S/Sst	: w, calc		223-4L
4483.00						224
	0.05		55 Ca	: w to m gy		224-2L
			45 S/Sst	: w, calc		224-4L
			tr Cont	: prp		224-1L
			tr Sh/Clst	: brn blk, mic		224-3L
4501.00						225
	0.07		90 S/Sst	: w, calc		225-4L
			10 Ca	: w to m gy		225-2L
			tr Cont	: prp		225-1L
			tr Sh/Clst	: brn blk, mic		225-3L
4522.00	swc			Carboniferous		071
	1.09		100 Sh/Clst	: blk to ol blk, calc, slt, mic		071-1L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
4537.00						226
	0.07	95	S/Sst	: w, calc		226-4L
		5	Ca	: w to drk gy		226-2L
			tr Cont	: prp		226-1L
			tr Sh/Clst:	brn blk, mic		226-3L
			tr Other	: pyr		226-5L
4552.00	swc					085
	0.41	100	Sh/Clst:	ol blk to m gy, slt, mic		085-1L
4555.00						227
	0.09	95	Ca	: w to drk gy, brn gy, dol, sil		227-2L
		5	S/Sst	: w, calc		227-4L
			tr Cont	: prp		227-1L
			tr Sh/Clst:	brn blk, mic		227-3L
			tr Other	: pyr		227-5L
4573.00						228
	0.12	95	Ca	: w to drk gy, brn gy, dol, sil		228-2L
		5	S/Sst	: w, calc, l		228-4L
			tr Cont	: prp		228-1L
			tr Sh/Clst:	brn blk, mic		228-3L
4600.00						229
	0.06	100	S/Sst	: w, calc, l		229-4L
			tr Cont	: prp		229-1L
			tr Ca	: w to drk gy, brn gy, dol, sil		229-2L
			tr Sh/Clst:	brn blk, mic		229-3L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
4627.00						230
	0.45	80	Ca	: w to drk gy, brn gy, dol, sil		230-2L
		20	Sh/Clst:	brn blk, calc, mic		230-3L
			tr Cont	: prp		230-1L
			tr S/Sst	: w, calc		230-4L
4663.00						231
	1.04	65	Sh/Clst:	brn blk, calc, mic		231-3L
		30	Ca	: w to drk gy, brn gy, dol, sil		231-2L
		5	S/Sst	: w, calc		231-4L
			tr Cont	: prp		231-1L
4670.00	swc					072
		100	Sh/Clst:	gy blk to drk gy, calc, slt, mic		072-1L
4690.00						232
	0.53	90	Sh/Clst:	brn blk, gn gy, m gy, calc, mic		232-3L
		10	Ca	: w to drk gy, brn gy		232-2L
			tr Cont	: prp		232-1L
			tr S/Sst	: w, calc		232-4L
4715.00	swc					073
	1.05	100	Slstst	: m gy to drk gy, mic		073-1L
4717.00						233
	0.63	95	Sh/Clst:	brn blk, gn gy, m gy, calc, mic		233-3L
		5	Ca	: w to drk gy, brn gy		233-2L
			tr Cont	: prp		233-1L
			tr S/Sst	: w, calc		233-4L

Table 2 : Lithology description for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample	
Int Cvd	TOC%	%	Lithology description				
4726.00						234	
	0.95	100	Sh/Clst: brn blk, gn gy, m gy, calc, mic			234-3L	
			tr Cont : prp			234-1L	
			tr Ca : w to drk gy, brn gy			234-2L	
			tr S/Sst : w, calc			234-4L	
4732.00						235	
	0.56	80	Ca : w to drk gy, brn gy			235-2L	
		20	Sh/Clst: brn blk, gn gy, m gy, calc, mic			235-3L	
			tr Cont : prp			235-1L	
			tr S/Sst : w, calc			235-4L	

Table 3 : Rock-Eval table for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
390.00	cut	Sltst : ol gy	0.01	0.50	0.51	0.98	1.24	40	41	0.5	0.02	425	236-1L
420.00	cut	Sltst : ol gy	0.02	0.58	0.76	0.76	1.35	43	56	0.6	0.03	427	086-1L
460.00	cut	Sltst : ol gy	0.05	0.61	0.49	1.24	1.36	45	36	0.7	0.08	428	237-1L
490.00	cut	Sltst : ol gy	0.02	0.49	0.72	0.68	1.28	38	56	0.5	0.04	428	087-1L
510.00	cut	Sltst : ol gy	0.02	0.42	0.40	1.05	1.23	34	33	0.4	0.05	429	238-1L
540.00	cut	Sltst : ol gy	0.01	0.30	0.61	0.49	1.05	29	58	0.3	0.03	429	088-1L
570.00	cut	Sh/Clst: ol gy	0.07	0.34	0.29	1.17	0.97	35	30	0.4	0.17	425	239-1L
640.00	cut	Sh/Clst: ol gy to m gy	0.01	0.31	0.36	0.86	1.00	31	36	0.3	0.03	426	089-1L
660.00	cut	Sh/Clst: ol gy to m gy	0.03	0.51	0.56	0.91	1.25	41	45	0.5	0.06	428	240-1L
670.00	cut	Sh/Clst: ol gy to m gy	0.05	0.47	0.53	0.89	1.10	43	48	0.5	0.10	426	090-1L
690.00	cut	Sh/Clst: ol gy to m gy	0.02	0.56	0.83	0.67	1.19	47	70	0.6	0.03	427	241-1L
720.00	cut	Sh/Clst: m gy	0.02	0.56	0.27	2.07	1.12	50	24	0.6	0.03	428	091-1L
750.00	cut	Sh/Clst: m gy	0.06	0.53	0.68	0.78	1.28	41	53	0.6	0.10	426	242-1L
780.00	cut	Sh/Clst: m gy	0.01	0.36	0.55	0.65	1.11	32	50	0.4	0.03	428	092-1L
820.00	cut	Sh/Clst: m gy	0.01	0.35	0.17	2.06	1.13	31	15	0.4	0.03	427	243-1L

Table 3 : Rock-Eval table for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
850.00	cut	Sh/Clst: m gy	-	0.38	0.49	0.78	1.17	32	42	0.4	-	429	093-1L
880.00	cut	Sh/Clst: m gy	0.01	0.35	0.22	1.59	1.14	31	19	0.4	0.03	428	244-1L
900.00	swc	Sh/Clst: brn blk	0.05	0.44	0.64	0.69	0.96	46	67	0.5	0.10	427	033-1L
910.00	cut	Sh/Clst: m gy to drk gy	-	0.41	0.23	1.78	1.17	35	20	0.4	-	429	094-1L
940.00	cut	Sh/Clst: m gy to drk gy	-	0.37	0.19	1.95	1.12	33	17	0.4	-	427	245-1L
970.00	cut	Sh/Clst: m gy to drk gy	0.02	0.44	0.21	2.10	1.12	39	19	0.5	0.04	429	095-1L
1000.00	cut	Sh/Clst: m gy to drk gy	-	0.35	0.17	2.06	1.06	33	16	0.3	-	428	246-1L
1030.00	cut	Sh/Clst: m gy to drk gy	0.01	0.35	0.17	2.06	1.05	33	16	0.4	0.03	430	096-1L
1050.00	swc	Sh/Clst: drk gy	0.03	0.45	0.29	1.55	1.45	31	20	0.5	0.06	426	034-1L
1060.00	cut	Sh/Clst: m gy to drk gy	0.01	0.37	0.18	2.06	1.08	34	17	0.4	0.03	429	247-1L
1090.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.01	0.33	0.24	1.38	1.11	30	22	0.3	0.03	430	248-1L
1228.00	cut	Sh/Clst: blk	0.31	5.90	0.51	11.57	5.87	101	9	6.2	0.05	432	100-3L
1232.00	swc	Ca : gn gy	0.02	0.08	0.27	0.30	0.64	13	42	0.1	0.20	453	035-1L
1238.00	cut	Sh/Clst: brn blk	0.10	2.64	0.47	5.62	4.34	61	11	2.7	0.04	437	101-4L
1245.00	swc	Sh/Clst: drk ol gy	0.24	2.84	0.12	23.67	2.40	118	5	3.1	0.08	426	036-1L

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1260.00	swc	Sh/Clst: brn blk	1.00	20.15	0.81	24.88	8.37	241	10	21.1	0.05	422	037-1L
1262.00	cut	Sh/Clst: brn blk	1.16	27.52	0.62	44.39	7.55	365	8	28.7	0.04	421	103-4L
1264.00	swc	Sh/Clst: brn blk	2.85	37.00	0.76	48.68	13.44	275	6	39.8	0.07	416	038-1L
1278.00	cut	Sh/Clst: brn blk	2.09	37.32	0.81	46.07	10.64	351	8	39.4	0.05	417	104-4L
1280.00	swc	Sh/Clst: dsk y brn	2.92	33.23	0.58	57.29	11.30	294	5	36.2	0.08	414	039-1L
1287.00	cut	Sh/Clst: brn blk	3.39	45.60	0.87	52.41	13.47	339	6	49.0	0.07	416	105-2L
1294.60	ccp	Coal : blk	45.89	216.78	2.50	86.71	70.30	308	4	262.7	0.17	418	074-1L
1296.00	cut	Sh/Clst: brn blk	2.53	40.08	1.05	38.17	11.97	335	9	42.6	0.06	417	253-1L
1305.00	cut	Sh/Clst: brn blk	3.40	42.48	1.08	39.33	13.00	327	8	45.9	0.07	416	106-1L
1307.10	ccp	Sh/Clst: dsk y brn	0.25	0.94	0.15	6.27	1.27	74	12	1.2	0.21	437	075-1L
1318.60	ccp	Sh/Clst: blk	5.88	40.47	0.71	57.00	18.07	224	4	46.4	0.13	432	076-1L
1319.60	ccp	Sh/Clst: blk	10.00	70.72	0.98	72.16	27.91	253	4	80.7	0.12	430	077-1L
1323.00	cut	Sh/Clst: blk to brn blk	2.55	38.51	1.12	34.38	11.37	339	10	41.1	0.06	420	107-1L
1325.50	ccp	Sh/Clst: blk	3.54	24.70	0.83	29.76	15.68	158	5	28.2	0.13	427	078-1L
1340.00	cut	Sh/Clst: blk to brn blk	1.36	27.12	1.32	20.55	8.49	319	16	28.5	0.05	420	108-1L

Table 3 : Rock-Eval table for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1340.10	ccp	bulk	13.98	71.12	1.12	63.50	28.97	245	4	85.1	0.16	425	079-0B
1354.70	ccp	Coal : blk	16.82	92.43	2.19	42.21	39.62	233	6	109.3	0.15	423	080-1L
1369.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.02	0.21	0.25	0.84	1.01	21	25	0.2	0.09	430	109-2L
1372.60	ccp	Sh/Clst: drk gy	0.09	0.47	0.57	0.82	0.88	53	65	0.6	0.16	435	081-1L
1388.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.03	0.23	0.24	0.96	1.02	23	24	0.3	0.12	431	254-1L
1414.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.04	0.33	0.20	1.65	1.09	30	18	0.4	0.11	432	255-1L
1430.00	swc	S/Sst : gn gy	0.02	0.14	0.43	0.33	0.05	280	860	0.2	0.13	518	040-1L
1433.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.01	0.28	0.26	1.08	1.09	26	24	0.3	0.03	432	111-2L
1469.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.01	0.20	0.12	1.67	0.98	20	12	0.2	0.05	432	256-1L
1540.00	swc	Sh/Clst: m gn gy	0.03	0.06	0.37	0.16	0.19	32	195	0.1	0.33	367	041-1L
1549.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.01	0.30	0.24	1.25	1.08	28	22	0.3	0.03	433	257-1L
1549.00	cut	Coal : blk to brn blk	2.80	134.00	12.80	10.47	46.67	287	27	136.8	0.02	428	257-4L
1567.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.02	0.37	0.26	1.42	0.99	37	26	0.4	0.05	436	116-1L
1627.00	cut	Coal : blk to brn blk	1.41	84.10	7.94	10.59	27.55	305	29	85.5	0.02	427	118-4L
1630.00	swc	Ca : gn gy	0.03	0.27	0.32	0.84	0.39	69	82	0.3	0.10	437	042-1L

Table 3 : Rock-Eval table for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1717.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.02	0.49	0.25	1.96	1.22	40	20	0.5	0.04	433	260-1L
1730.00	swc	Sh/Clst: lt bl gy to m bl gy	0.04	0.22	0.58	0.38	0.32	69	181	0.3	0.15	485	043-1L
1735.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.01	0.27	0.33	0.82	1.05	26	31	0.3	0.04	430	121-1L
1783.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.02	0.75	0.24	3.13	1.45	52	17	0.8	0.03	434	261-1L
1801.00	cut	Sh/Clst: ol gy, m gy to drk gy	-	0.35	0.34	1.03	1.07	33	32	0.3	-	434	123-1L
1819.00	cut	Sh/Clst: ol gy, m gy to drk gy	-	0.26	0.30	0.87	0.96	27	31	0.3	-	435	125-1L
1827.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.03	0.75	0.31	2.42	1.24	60	25	0.8	0.04	435	126-1L
1875.00	swc	Sh/Clst: lt gn gy to m gn gy	0.03	0.11	0.52	0.21	0.17	65	306	0.1	0.21	439	044-1L
1891.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.06	1.07	0.19	5.63	1.36	79	14	1.1	0.05	440	263-2L
1909.00	cut	Sh/Clst: ol gy, m gy to drk gy	0.14	0.81	0.30	2.70	1.61	50	19	0.9	0.15	443	133-1L
1918.00	cut	Sh/Clst: brn blk, ol gy, m gy to drk gy	0.07	0.57	0.27	2.11	1.05	54	26	0.6	0.11	441	134-1L
1927.00	cut	Sh/Clst: brn blk, ol gy, m gy to drk gy	0.08	0.66	0.21	3.14	1.05	63	20	0.7	0.11	439	135-1L
1940.00	swc	Sh/Clst: m gy to drk gy	0.06	0.65	1.21	0.54	0.86	76	141	0.7	0.08	440	045-1L
1945.00	cut	Sh/Clst: brn blk, ol gy, m gy to drk gy	0.03	0.40	0.30	1.33	0.99	40	30	0.4	0.07	441	137-1L

Table 3 : Rock-Eval table for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1963.00	cut	Sh/Clst: ol gy, m gy to drk gy, dsk y brn	0.04	0.90	0.30	3.00	1.28	70	23	0.9	0.04	437	138-1L
1972.00	cut	Sh/Clst: ol gy, m gy to drk gy, dsk y brn	0.03	0.67	0.25	2.68	1.19	56	21	0.7	0.04	438	139-1L
1981.00	cut	Sh/Clst: ol gy, m gy to drk gy, dsk y brn	0.03	0.50	0.24	2.08	1.07	47	22	0.5	0.06	440	140-1L
1990.00	cut	Sh/Clst: ol gy, m gy to drk gy, dsk y brn	0.03	0.69	0.26	2.65	1.22	57	21	0.7	0.04	438	141-1L
2160.00	swc	Sh/Clst: brn blk	0.20	1.50	0.63	2.38	1.62	93	39	1.7	0.12	440	046-1L
2161.00	cut	Sh/Clst: ol gy, m gy to drk gy, dsk y brn	0.04	0.69	0.26	2.65	1.19	58	22	0.7	0.05	442	147-1L
2179.00	cut	Sh/Clst: ol gy, m gy to drk gy, dsk y brn	0.03	0.41	0.22	1.86	1.01	41	22	0.4	0.07	439	148-1L
2215.00	cut	Sh/Clst: ol gy, m gy to drk gy, dsk y brn	0.07	1.27	0.30	4.23	1.49	85	20	1.3	0.05	439	149-1L
2233.00	cut	Sh/Clst: brn gy, ol gy, m gy to drk gy, dsk y brn	0.08	0.88	0.23	3.83	0.96	92	24	1.0	0.08	439	150-1L
2269.00	cut	Sh/Clst: brn gy, ol gy, m gy to drk gy, dsk y brn	0.06	0.64	0.24	2.67	0.95	67	25	0.7	0.09	440	151-1L

Table 3 : Rock-Eval table for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2340.00	swc	Sh/Clst: m gn gy	0.06	0.23	0.36	0.64	0.38	61	95	0.3	0.21	440	047-1L
2341.00	cut	Sh/Clst: brn gy, ol gy, m gy to drk gy, dsk y brn	0.20	1.40	0.21	6.67	1.01	139	21	1.6	0.13	437	155-1L
2413.00	cut	Sh/Clst: brn gy, m gy to drk gy, dsk y brn	0.19	1.14	0.25	4.56	0.97	118	26	1.3	0.14	437	158-1L
2415.00	swc	Sh/Clst: m gn gy	0.04	0.23	0.48	0.48	0.30	77	160	0.3	0.15	441	048-1L
2666.00	swc	Sh/Clst: dsk y brn	0.07	0.18	0.40	0.45	0.40	45	100	0.3	0.28	400	052-1L
2985.00	swc	Sh/Clst: ol gy	0.10	0.10	0.44	0.23	0.24	42	183	0.2	0.50	298	055-1L
3102.00	swc	Sh/Clst: ol gy	0.02	0.04	0.35	0.11	0.21	19	167	0.1	0.33	431	057-1L
3177.00	swc	Sh/Clst: ol gy to dsk y brn	0.03	0.06	0.36	0.17	0.21	29	171	0.1	0.33	347	058-1L
3237.00	swc	Sh/Clst: ol gy to dsk y brn	0.06	0.11	0.34	0.32	0.32	34	106	0.2	0.35	413	059-1L
3310.00	swc	Sh/Clst: ol blk to dsk y brn	0.17	0.11	0.43	0.26	0.60	18	72	0.3	0.61	324	060-1L
3360.00	swc	Sh/Clst: ol blk to dsk y brn	0.19	0.14	0.43	0.33	0.82	17	52	0.3	0.58	412	061-1L
3427.00	swc	Sh/Clst: brn blk to ol blk	0.18	0.12	0.54	0.22	0.91	13	59	0.3	0.60	321	062-1L
3452.00	swc	Sh/Clst: brn blk to ol blk	0.21	0.14	0.67	0.21	1.08	13	62	0.3	0.60	382	063-1L
3517.00	swc	Sh/Clst: blk to brn blk	0.15	0.16	0.51	0.31	1.27	13	40	0.3	0.48	470	064-1L

Table 3 : Rock-Eval table for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3520.00	cut	Sh/Clst: drk gy, brn blk, dsk y brn	0.12	0.13	0.09	1.44	0.98	13	9	0.3	0.48	491	184-3L
3583.00	cut	Sh/Clst: drk gy, brn blk	0.16	0.22	0.06	3.67	1.48	15	4	0.4	0.42	498	187-2L
3601.00	cut	Sh/Clst: drk gy, brn blk	0.18	0.22	0.04	5.50	1.42	15	3	0.4	0.45	491	188-2L
3619.00	cut	Sh/Clst: drk gy, brn blk	0.08	0.13	-	-	1.02	13	-	0.2	0.38	500	189-2L
3637.00	cut	Sh/Clst: drk gy, brn blk	0.04	0.08	0.08	1.00	1.28	6	6	0.1	0.33	442	190-2L
3655.00	cut	Sh/Clst: drk gy, brn blk	0.05	0.09	0.15	0.60	1.32	7	11	0.1	0.36	492	191-2L
3667.00	swc	Sh/Cist: blk to brn blk	0.02	0.10	0.44	0.23	0.88	11	50	0.1	0.17	519	065-1L
3844.00	cut	Sh/Clst: brn blk, drk gy	0.01	0.04	0.13	0.31	0.53	8	25	0.1	0.20	379	198-4L
3862.00	cut	Sh/Clst: brn blk, drk gy	-	0.03	0.10	0.30	0.64	5	16	-	-	379	199-3L
3880.00	cut	Sltst : w to m gy	0.01	0.02	0.29	0.07	0.49	4	59	-	0.33	331	200-2L
3880.00	cut	Sh/Clst: brn blk, drk gy	-	0.02	0.10	0.20	0.62	3	16	-	-	355	200-3L
4377.00	swc	Sltst : brn gy	0.03	0.08	0.90	0.09	0.31	26	290	0.1	0.27	380	070-1L
4447.00	cut	Sh/Clst: brn blk, lt bl gy, drk gy	0.01	0.05	0.24	0.21	0.73	7	33	0.1	0.17	447	222-4L
4522.00	swc	Sh/Clst: blk to ol blk	-	0.03	0.76	0.04	1.09	3	70	-	-	380	071-1L

Table 3 : Rock-Eval table for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
4552.00	swc	Sh/Clst: ol blk to m gy	0.01	0.03	0.46	0.07	0.41	7	112	-	0.25	-	085-1L
4627.00	cut	Sh/Clst: brn blk	-	0.02	0.18	0.11	0.45	4	40	-	-	343	230-3L
4663.00	cut	Sh/Clst: brn blk	0.01	0.02	0.19	0.11	1.04	2	18	-	0.33	-	231-3L
4690.00	cut	Sh/Clst: brn blk, gn gy, m gy	-	0.04	0.18	0.22	0.53	8	34	-	-	394	232-3L
4715.00	swc	Sltst : m gy to drk gy	0.02	0.01	0.71	0.01	1.05	1	68	-	0.67	-	073-1L
4717.00	cut	Sh/Clst: brn blk, gn gy, m gy	0.01	0.02	0.18	0.11	0.63	3	29	-	0.33	327	233-3L
4726.00	cut	Sh/Clst: brn blk, gn gy, m gy	-	0.02	0.18	0.11	0.95	2	19	-	-	432	234-3L
4732.00	cut	Sh/Clst: brn blk, gn gy, m gy	-	0.02	0.20	0.10	0.56	4	36	-	-	390	235-3L

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 7124/3-1

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
900.00	swc	Sh/Clst: brn blk	6.9	1.5	0.3	0.3	0.3	0.6	0.6	0.9	1.06	033-1L
1050.00	swc	Sh/Clst: drk gy	9.0	0.6	0.2	0.2	0.2	0.1	0.3	0.3	1.14	034-1L
1232.00	swc	Ca : gn gy	7.6	0.9	0.3	0.2	0.3	0.2	0.5	0.4	0.20	035-1L
1245.00	swc	Sh/Clst: drk ol gy	7.8	7.0	1.4	1.0	2.1	2.5	2.4	4.6	2.48	036-1L
1260.00	swc	Sh/Clst: brn blk	4.7	21.2	2.4	3.0	8.5	7.3	5.4	15.8	8.78	037-1L
1264.00	swc	Sh/Clst: brn blk	7.3	64.0	4.8	13.9	24.8	20.5	18.8	45.3	14.80	038-1L
1280.00	swc	Sh/Clst: dsk y brn	4.7	41.5	2.0	8.1	19.1	12.4	10.1	31.5	13.40	039-1L
1289.00	ccp	S/Sst : brn gy	9.4	17.6	11.5	4.4	0.8	0.9	15.9	1.7	1.92	028-1L
1291.10	ccp	S/Sst : brn gy	10.3	55.4	16.1	9.2	1.6	28.5	25.3	30.1	0.33	001-1L
1294.60	ccp	Coal : blk	4.0	409.0	15.1	54.2	29.4	310.3	69.3	339.7	55.70	074-1L
1297.00	ccp	S/Sst : pl y brn	9.5	73.4	11.6	11.6	1.7	48.5	23.2	50.2	0.60	005-1L
1298.00	oil	bulk	-	101.4	15.9	10.7	1.1	73.7	26.6	74.8	-	032-0B
1307.10	ccp	Sh/Clst: dsk y brn	11.9	12.8	0.3	0.2	4.3	8.0	0.5	12.3	1.83	075-1L
1318.60	ccp	Sh/Clst: blk	10.4	55.7	4.2	8.1	25.9	17.5	12.3	43.4	14.40	076-1L

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 7124/3-1

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
1319.60	ccp	Sh/Clst: blk	6.8	115.1	2.7	22.8	18.3	71.3	25.5	89.6	29.60	077-1L
1325.50	ccp	Sh/Clst: blk	10.4	35.2	0.2	3.8	21.2	10.1	3.9	31.3	7.66	078-1L
1340.10	ccp	bulk	9.5	291.9	13.9	52.8	25.3	199.9	66.7	225.2	30.40	079-0B
1350.00	ccp	S/Sst : brn gy	12.6	111.0	30.2	15.0	2.3	63.5	45.2	65.8	0.50	029-1L
1354.70	ccp	Coal : blk	11.1	230.3	16.3	44.7	7.6	161.7	61.0	169.3	25.30	080-1L
1372.60	ccp	Sh/Clst: drk gy	12.5	5.7	0.4	0.9	0.8	3.6	1.3	4.4	1.07	081-1L
1391.20	ccp	S/Sst : lt ol gy	10.6	106.8	39.8	12.7	1.6	52.7	52.5	54.3	0.60	007-1L
1394.00	ccp	S/Sst : brn gy	8.5	68.7	22.6	6.9	23.6	15.6	29.5	39.2	0.53	030-1L
1407.30	ccp	S/Sst : m gy to drk y brn	16.0	89.8	32.2	11.2	1.6	44.8	43.4	46.4	0.46	082-1L
1430.00	swc	S/Sst : gn gy	2.0	0.8	0.2	0.2	0.3	0.2	0.3	0.5	0.21	040-1L
1630.00	swc	Ca : gn gy	1.0	1.0	0.2	0.3	0.4	0.2	0.5	0.5	0.46	042-1L
1875.00	swc	Sh/Clst: lt gn gy to m gn gy	1.3	1.2	0.2	0.4	0.4	0.2	0.6	0.6	0.25	044-1L
1940.00	swc	Sh/Clst: m gy to drk gy	9.4	1.8	0.6	0.3	0.8	0.1	0.9	0.9	0.96	045-1L
2160.00	swc	Sh/Clst: brn blk	4.5	6.0	1.2	0.6	2.6	1.6	1.8	4.2	1.69	046-1L

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 7124/3-1

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
2415.00	swc	Sh/Clst: m gn gy	8.6	3.0	0.6	0.4	0.3	1.7	1.1	2.0	0.41	048-1L
3310.00	swc	Sh/Clst: ol blk to dsk y brn	9.0	7.0	2.0	0.3	0.3	4.4	2.3	4.7	0.69	060-1L
3360.00	swc	Sh/Clst: ol blk to dsk y brn	10.3	7.6	0.2	0.2	0.4	6.7	0.5	7.1	0.85	061-1L
3517.00	swc	Sh/Clst: blk to brn blk	4.0	4.4	0.3	0.2	0.3	3.7	0.5	4.0	1.22	064-1L
3667.00	swc	Sh/Clst: blk to brn blk	8.9	5.3	0.9	0.3	0.5	3.6	1.2	4.1	0.98	065-1L

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
900.00	swc	Sh/Clst: brn blk	217	43	43	43	87	87	130	033-1L
1050.00	swc	Sh/Clst: drk gy	66	16	16	22	11	33	33	034-1L
1232.00	swc	Ca : gn gy	118	39	19	39	19	59	59	035-1L
1245.00	swc	Sh/Clst: drk ol gy	893	172	134	268	319	306	587	036-1L
1260.00	swc	Sh/Clst: brn blk	4510	510	638	1808	1553	1148	3361	037-1L
1264.00	swc	Sh/Clst: brn blk	8767	657	1910	3397	2801	2568	6198	038-1L
1280.00	swc	Sh/Clst: dsk y brn	8829	414	1723	4063	2627	2138	6691	039-1L
1289.00	ccp	S/Sst : brn gy	1872	1223	468	85	95	1691	180	028-1L
1291.10	ccp	S/Sst : brn gy	5399	1569	896	155	2777	2465	2933	001-1L
1294.60	ccp	Coal : blk	103282	3803	13686	7424	78368	17489	85792	074-1L
1297.00	ccp	S/Sst : pl y brn	7734	1222	1222	179	5110	2444	5289	005-1L
1298.00	oil	bulk	-	-	-	-	-	-	-	032-0B
1307.10	ccp	Sh/Clst: dsk y brn	1072	25	16	360	670	41	1031	075-1L
1318.60	ccp	Sh/Clst: blk	5360	404	779	2492	1684	1183	4177	076-1L

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1319.60	ccp	Sh/Clst: blk	16926	397	3351	2691	10486	3748	13177	077-1L
1325.50	ccp	Sh/Clst: blk	3394	14	361	2044	973	376	3018	078-1L
1340.10	ccp	bulk	30856	1474	5577	2674	21130	7051	23804	079-0B
1350.00	ccp	S/Sst : brn gy	8830	2402	1193	182	5051	3595	5234	029-1L
1354.70	ccp	Coal : blk	20691	1460	4016	682	14531	5477	15214	080-1L
1372.60	ccp	Sh/Clst: drk gy	457	34	69	64	289	103	353	081-1L
1391.20	ccp	S/Sst : lt ol gy	10123	3770	1207	151	4993	4978	5145	007-1L
1394.00	ccp	S/Sst : brn gy	8063	2652	809	2769	1830	3462	4600	030-1L
1407.30	ccp	S/Sst : m gy to drk y brn	5605	2010	697	99	2797	2708	2897	082-1L
1430.00	swc	S/Sst : gn gy	390	73	73	146	97	146	243	040-1L
1630.00	swc	Ca : gn gy	990	148	297	396	148	445	544	042-1L
1875.00	swc	Sh/Clst: lt gn gy to m gn gy	902	112	338	300	150	451	451	044-1L
1940.00	swc	Sh/Clst: m gy to drk gy	191	63	31	85	10	95	95	045-1L
2160.00	swc	Sh/Clst: brn blk	1324	264	132	573	353	397	927	046-1L

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2415.00	swc	Sh/Clst: m gn gy	350	70	52	35	192	122	228	048-1L
3310.00	swc	Sh/Clst: ol blk to dsk y brn	780	219	36	33	490	256	523	060-1L
3360.00	swc	Sh/Clst: ol blk to dsk y brn	738	22	22	38	655	44	693	061-1L
3517.00	swc	Sh/Clst: blk to brn blk	1105	75	37	75	917	113	992	064-1L
3667.00	swc	Sh/Clst: blk to brn blk	598	99	32	56	410	132	466	065-1L

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
900.00	swc	Sh/Clst: brn blk	20.54	4.11	4.11	4.11	8.22	8.22	12.32	033-1L
1050.00	swc	Sh/Clst: drk gy	5.82	1.46	1.46	1.94	0.97	2.91	2.91	034-1L
1232.00	swc	Ca : gn gy	59.06	19.69	9.84	19.69	9.84	29.53	29.53	035-1L
1245.00	swc	Sh/Clst: drk ol gy	36.05	6.95	5.41	10.81	12.87	12.36	23.69	036-1L
1260.00	swc	Sh/Clst: brn blk	51.37	5.82	7.27	20.60	17.69	13.09	38.29	037-1L
1264.00	swc	Sh/Clst: brn blk	59.24	4.44	12.91	22.95	18.93	17.35	41.88	038-1L
1280.00	swc	Sh/Clst: dsk y brn	65.89	3.10	12.86	30.33	19.61	15.96	49.94	039-1L
1289.00	ccp	S/Sst : brn gy	97.52	63.72	24.38	4.43	4.99	88.10	9.42	028-1L
1291.10	ccp	S/Sst : brn gy	1636.25	475.52	271.72	47.26	841.75	747.24	889.01	001-1L
1294.60	ccp	Coal : blk	185.43	6.83	24.57	13.33	140.70	31.40	154.03	074-1L
1297.00	ccp	S/Sst : pl y brn	1289.08	203.72	203.72	29.86	851.77	407.45	881.63	005-1L
1298.00	oil	bulk	-	-	-	-	-	-	-	032-0B
1307.10	ccp	Sh/Clst: dsk y brn	58.63	1.37	0.92	19.70	36.64	2.29	56.34	075-1L
1318.60	ccp	Sh/Clst: blk	37.23	2.81	5.41	17.31	11.70	8.22	29.01	076-1L

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1319.60	ccp	Sh/Clst: blk	57.18	1.34	11.32	9.09	35.43	12.66	44.52	077-1L
1325.50	ccp	Sh/Clst: blk	44.31	0.19	4.72	26.69	12.71	4.91	39.40	078-1L
1340.10	ccp	bulk	101.50	4.85	18.35	8.80	69.51	23.20	78.30	079-0B
1350.00	ccp	S/Sst : brn gy	1766.11	480.51	238.66	36.60	1010.34	719.17	1046.94	029-1L
1354.70	ccp	Coal : blk	81.79	5.77	15.87	2.70	57.44	21.65	60.14	080-1L
1372.60	ccp	Sh/Clst: drk gy	42.75	3.23	6.45	6.00	27.08	9.68	33.08	081-1L
1391.20	ccp	S/Sst : lt ol gy	1687.20	628.44	201.26	25.28	832.23	829.70	857.50	007-1L
1394.00	ccp	S/Sst : brn gy	1521.39	500.49	152.80	522.63	345.47	653.29	868.10	030-1L
1407.30	ccp	S/Sst : m gy to drk y brn	1218.59	437.09	151.71	21.71	608.07	588.80	629.78	082-1L
1430.00	swc	S/Sst : gn gy	185.83	34.84	34.84	69.69	46.46	69.69	116.14	040-1L
1630.00	swc	Ca : gn gy	215.24	32.29	64.57	86.10	32.29	96.86	118.38	042-1L
1875.00	swc	Sh/Clst: lt gn gy to m gn gy	360.90	45.11	135.34	120.30	60.15	180.45	180.45	044-1L
1940.00	swc	Sh/Clst: m gy to drk gy	19.93	6.64	3.32	8.86	1.11	9.96	9.96	045-1L
2160.00	swc	Sh/Clst: brn blk	78.37	15.67	7.84	33.96	20.90	23.51	54.86	046-1L

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2415.00	swc	Sh/Clst: m gn gy	85.58	17.12	12.84	8.56	47.07	29.95	55.63	048-1L
3310.00	swc	Sh/Clst: ol blk to dsk y brn	113.10	31.83	5.33	4.85	71.09	37.16	75.94	060-1L
3360.00	swc	Sh/Clst: ol blk to dsk y brn	86.89	2.63	2.63	4.57	77.06	5.26	81.63	061-1L
3517.00	swc	Sh/Clst: blk to brn blk	90.62	6.18	3.09	6.18	75.17	9.27	81.35	064-1L
3667.00	swc	Sh/Clst: blk to brn blk	61.11	10.15	3.34	5.77	41.85	13.49	47.62	065-1L

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 7124/3-1

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	
900.00	swc	Sh/Clst: brn blk	20.00	20.00	20.00	40.00	40.00	60.00	100.00	66.67	033-1L
1050.00	swc	Sh/Clst: drk gy	25.00	25.00	33.33	16.67	50.00	50.00	100.00	100.00	034-1L
1232.00	swc	Ca : gn gy	33.33	16.67	33.33	16.67	50.00	50.00	200.00	100.00	035-1L
1245.00	swc	Sh/Clst: drk ol gy	19.29	15.00	30.00	35.71	34.29	65.71	128.57	52.17	036-1L
1260.00	swc	Sh/Clst: brn blk	11.32	14.15	40.09	34.43	25.47	74.53	80.00	34.18	037-1L
1264.00	swc	Sh/Clst: brn blk	7.50	21.80	38.75	31.95	29.30	70.70	34.41	41.44	038-1L
1280.00	swc	Sh/Clst: dsk y brn	4.70	19.52	46.02	29.76	24.22	75.78	24.07	31.96	039-1L
1289.00	ccp	S/Sst : brn gy	65.34	25.00	4.55	5.11	90.34	9.66	261.36	935.29	028-1L
1291.10	ccp	S/Sst : brn gy	29.06	16.61	2.89	51.44	45.67	54.33	175.00	84.05	001-1L
1294.60	ccp	Coal : blk	3.68	13.25	7.19	75.88	16.93	83.07	27.79	20.39	074-1L
1297.00	ccp	S/Sst : pl y brn	15.80	15.80	2.32	66.08	31.61	68.39	100.00	46.22	005-1L
1298.00	oil	bulk	15.68	10.55	1.08	72.68	26.23	73.77	148.60	35.56	032-0B
1307.10	ccp	Sh/Clst: dsk y brn	2.34	1.56	33.59	62.50	3.91	96.09	150.00	4.07	075-1L
1318.60	ccp	Sh/Clst: blk	7.54	14.54	46.50	31.42	22.08	77.92	51.85	28.34	076-1L

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 7124/3-1

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	
1319.60	ccp	Sh/Clst: blk	2.35	19.80	15.90	61.95	22.15	77.85	11.85	28.45	077-1L
1325.50	ccp	Sh/Clst: blk	0.43	10.65	60.23	28.69	11.08	88.92	4.00	12.46	078-1L
1340.10	ccp	bulk	4.78	18.07	8.67	68.48	22.85	77.15	26.44	29.62	079-0B
1350.00	ccp	S/Sst : brn gy	27.21	13.51	2.07	57.21	40.72	59.28	201.33	68.69	029-1L
1354.70	ccp	Coal : blk	7.06	19.41	3.30	70.23	26.47	73.53	36.38	36.00	080-1L
1372.60	ccp	Sh/Clst: drk gy	7.54	15.09	14.04	63.33	22.63	77.37	50.00	29.25	081-1L
1391.20	ccp	S/Sst : lt ol gy	37.25	11.93	1.50	49.33	49.18	50.82	312.24	96.76	007-1L
1394.00	ccp	S/Sst : brn gy	32.90	10.04	34.35	22.71	42.94	57.06	327.54	75.26	030-1L
1407.30	ccp	S/Sst : m gy to drk y brn	35.87	12.45	1.78	49.90	48.32	51.68	288.10	93.49	082-1L
1430.00	swc	S/Sst : gn gy	18.75	18.75	37.50	25.00	37.50	62.50	100.00	60.00	040-1L
1630.00	swc	Ca : gn gy	15.00	30.00	40.00	15.00	45.00	55.00	50.00	81.82	042-1L
1875.00	swc	Sh/Clst: lt gn gy to m gn gy	12.50	37.50	33.33	16.67	50.00	50.00	33.33	100.00	044-1L
1940.00	swc	Sh/Clst: m gy to drk gy	33.33	16.67	44.44	5.56	50.00	50.00	200.00	100.00	045-1L
2160.00	swc	Sh/Clst: brn blk	20.00	10.00	43.33	26.67	30.00	70.00	200.00	42.86	046-1L

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 7124/3-1

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	
2415.00	swc	Sh/Clst: m gn gy	20.00	15.00	10.00	55.00	35.00	65.00	133.33	53.85	048-1L
3310.00	swc	Sh/Clst: ol blk to dsk y brn	28.14	4.71	4.29	62.86	32.86	67.14	596.97	48.94	060-1L
3360.00	swc	Sh/Clst: ol blk to dsk y brn	3.03	3.03	5.26	88.68	6.05	93.95	100.00	6.44	061-1L
3517.00	swc	Sh/Clst: blk to brn blk	6.82	3.41	6.82	82.95	10.23	89.77	200.00	11.39	064-1L
3667.00	swc	Sh/Clst: blk to brn blk	16.60	5.47	9.43	68.49	22.08	77.92	303.45	28.33	065-1L

Table 5 : Saturated Hydrocarbon Ratios for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
900.00	swc	Sh/Clst: brn blk	0.68	1.41	0.57	0.46	1.69	033-1L
1050.00	swc	Sh/Clst: drk gy	0.79	1.80	0.59	0.41	1.29	034-1L
1232.00	swc	Ca : gn gy	0.74	0.82	0.66	0.61	1.41	035-1L
1245.00	swc	Sh/Clst: drk ol gy	2.40	2.09	1.77	1.15	1.37	036-1L
1260.00	swc	Sh/Clst: brn blk	2.52	1.41	2.22	1.90	1.30	037-1L
1264.00	swc	Sh/Clst: brn blk	4.50	1.42	4.21	3.86	1.34	038-1L
1280.00	swc	Sh/Clst: dsk y brn	2.56	1.33	2.24	1.93	1.09	039-1L
1289.00	ccp	S/Sst : brn gy	1.03	1.45	0.92	0.80	1.23	028-1L
1291.10	ccp	S/Sst : brn gy	0.93	1.29	0.86	0.78	1.19	001-1L
1294.60	ccp	Coal : blk	0.70	1.40	0.66	0.61	1.07	074-1L
1297.00	ccp	S/Sst : pl y brn	0.74	1.27	0.67	0.59	1.16	005-1L
1298.00	oil	bulk	0.79	1.24	0.73	0.66	1.31	032-0B
1307.10	ccp	Sh/Clst: dsk y brn	0.58	1.57	0.51	0.43	1.40	075-1L
1318.60	ccp	Sh/Clst: blk	2.06	7.01	1.23	0.32	2.04	076-1L

Table 5 : Saturated Hydrocarbon Ratios for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
1319.60	ccp	Sh/Clst: blk	0.45	1.64	0.42	0.38	1.27	077-1L
1325.50	ccp	Sh/Clst: blk	0.93	3.33	0.64	0.31	1.52	078-1L
1340.10	ccp	bulk	0.70	1.49	0.65	0.58	1.12	079-0B
1350.00	ccp	S/Sst : brn gy	0.78	1.28	0.73	0.68	1.19	029-1L
1354.70	ccp	Coal : blk	0.65	1.17	0.65	0.65	1.15	080-1L
1372.60	ccp	Sh/Clst: drk gy	0.70	1.59	0.59	0.47	1.36	081-1L
1391.20	ccp	S/Sst : lt ol gy	1.01	1.55	0.90	0.77	1.37	007-1L
1394.00	ccp	S/Sst : brn gy	1.05	1.51	0.95	0.82	1.29	030-1L
1407.30	ccp	S/Sst : m gy to drk y brn	0.94	1.41	0.86	0.76	1.15	082-1L
1630.00	swc	Ca : gn gy	0.89	1.39	0.70	0.54	1.19	042-1L
1875.00	swc	Sh/Clst: lt gn gy to m gn gy	0.63	0.83	0.59	0.56	1.09	044-1L
1940.00	swc	Sh/Clst: m gy to drk gy	0.60	2.10	0.40	0.23	1.25	045-1L
2160.00	swc	Sh/Clst: brn blk	1.00	3.32	0.63	0.29	1.19	046-1L
2415.00	swc	Sh/Clst: m gn gy	0.51	1.43	0.41	0.32	1.21	048-1L

Table 5 : Saturated Hydrocarbon Ratios for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	Pristane	Pristane	Pristane + Phytane	Phytane	CPI	Sample
			nC17	Phytane	nC17 + nC18	nC18		
3310.00	swc	Sh/Clst: ol blk to dsk y brn	0.42	1.51	0.36	0.30	1.12	060-1L
3360.00	swc	Sh/Clst: ol blk to dsk y brn	0.52	0.85	0.47	0.43	1.16	061-1L
3517.00	swc	Sh/Clst: blk to brn blk	0.42	1.03	0.38	0.35	1.31	064-1L
3667.00	swc	Sh/Clst: blk to brn blk	0.65	1.11	0.62	0.59	1.35	065-1L

Table 6 : Aromatic Hydrocarbon Ratios for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	DBT/P	4/1MDBT	(3+2)/1MDBT	Sample
900.00	swc	Sh/Clst: brn blk	-	-	-	0.85	1.15	0.74	-	-	-	033-1L
1050.00	swc	Sh/Clst: drk gy	-	-	-	0.71	1.11	0.84	-	-	-	034-1L
1245.00	swc	Sh/Clst: drk ol gy	-	-	-	0.66	1.09	0.73	-	-	-	036-1L
1260.00	swc	Sh/Clst: brn blk	0.65	-	-	0.35	0.67	0.29	1.15	0.39	0.27	037-1L
1264.00	swc	Sh/Clst: brn blk	1.11	-	-	0.60	0.81	0.44	1.77	1.28	0.66	038-1L
1280.00	swc	Sh/Clst: dsk y brn	1.13	-	-	0.60	0.91	0.52	1.44	0.71	0.49	039-1L
1289.00	ccp	S/Sst : brn gy	-	-	-	0.89	1.26	0.58	1.30	5.29	1.56	028-1L
1291.10	ccp	S/Sst : brn gy	1.24	-	0.09	0.88	1.01	0.74	0.93	6.05	1.44	001-1L
1294.60	ccp	Coal : blk	1.09	-	-	0.83	0.72	0.59	0.70	-	-	074-1L
1297.00	ccp	S/Sst : pl y brn	-	-	-	0.95	1.26	0.73	1.04	7.33	1.69	005-1L
1298.00	oil	bulk	1.31	-	0.08	0.89	1.09	0.76	1.10	7.04	1.73	032-0B
1307.10	ccp	Sh/Clst: dsk y brn	-	-	-	0.85	0.64	0.55	0.48	-	-	075-1L
1318.60	ccp	Sh/Clst: blk	1.14	2.49	0.07	0.83	0.39	0.37	0.28	-	-	076-1L
1319.60	ccp	Sh/Clst: blk	1.16	2.80	0.07	0.87	0.67	0.58	0.61	-	-	077-1L
1325.50	ccp	Sh/Clst: blk	0.99	2.16	0.07	0.86	0.34	0.34	0.21	-	-	078-1L

Table 6 : Aromatic Hydrocarbon Ratios for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	DBT/P	4/1MDBT	(3+2)/1MDBT	Sample
1340.00	cut	bulk	1.24	-	0.08	0.81	0.67	0.56	0.64	-	-	108-0B
1350.00	ccp	S/Sst : brn gy	0.83	-	0.07	0.93	1.15	0.78	1.10	7.09	1.76	029-1L
1354.70	ccp	Coal : blk	1.03	2.65	0.07	0.85	0.68	0.58	0.61	5.92	1.74	080-1L
1372.60	ccp	Sh/Clst: drk gy	-	-	-	0.90	0.55	0.51	0.35	7.53	1.61	081-1L
1391.20	ccp	S/Sst : lt ol gy	1.44	-	0.21	-	-	-	-	-	-	007-1L
1394.00	ccp	S/Sst : brn gy	-	-	-	-	0.71	-	1.13	4.45	1.71	030-1L
1407.30	ccp	S/Sst : m gy to drk y brn	-	-	-	-	-	-	-	2.97	1.33	082-1L
1940.00	swc	Sh/Clst: m gy to drk gy	-	-	-	0.70	0.47	0.48	0.10	2.09	1.85	045-1L
2160.00	swc	Sh/Clst: brn blk	-	-	-	0.86	0.54	0.60	0.13	6.96	5.95	046-1L
2415.00	swc	Sh/Clst: m gn gy	-	-	-	0.51	0.40	0.38	0.12	-	-	048-1L
3310.00	swc	Sh/Clst: ol blk to dsk y brn	-	-	-	1.04	1.40	1.06	0.44	-	-	060-1L
3517.00	swc	Sh/Clst: blk to brn blk	-	-	-	1.53	2.04	2.06	-	-	-	064-1L

Table 7 : Thermal Maturity Data for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour		T _{max} (°C)	Sample
390.00	cut bulk	0.33	9	0.06	3+4	-	-	236-0B
510.00	cut bulk	0.34	18	0.04	3+4	-	-	238-0B
640.00	cut bulk	0.34	8	0.05	4	-	-	089-0B
750.00	cut bulk	0.35	12	0.04	3+4	-	-	242-0B
880.00	cut bulk	0.35	12	0.02	4	-	-	244-0B
900.00	swc bulk	0.34	13	0.05	4	-	-	033-0B
1000.00	cut bulk	0.40	6	0.02	4	-	-	246-0B
1050.00	swc bulk	0.39	18	0.04	4	-	-	034-0B
1120.00	cut bulk	0.32	3	0.02	4	-	-	249-0B
1232.00	swc bulk	NDP	-	-	0	-	-	035-0B
1238.00	cut bulk	0.40	16	0.03	4	-	-	101-0B
1245.00	swc bulk	0.39	12	0.05	4	-	-	036-0B
1280.00	swc bulk	0.42	40	0.04	4	-	-	039-0B
1294.60	ccp bulk	0.45	51	0.03	0	-	-	074-0B

Table 7 : Thermal Maturity Data for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	T _{max} (°C)	Sample
1307.10	ccp bulk	NDP	-	-	0	-	075-0B
1318.60	ccp bulk	0.60	51	0.05	5+6	-	076-0B
1319.60	ccp bulk	0.58	58	0.05	5+6	-	077-0B
1325.50	ccp bulk	0.54	50	0.06	6	-	078-0B
1340.10	ccp bulk	0.51	52	0.03	6	425	079-0B
1354.70	ccp bulk	0.57	52	0.05	0	-	080-0B
1369.00	cut bulk	0.51	16	0.06	5	-	109-0B
1372.60	ccp bulk	0.50	11	0.06	5	-	081-0B
1430.00	swc bulk	NDP	-	-	0	-	040-0B
1486.00	cut bulk	0.55	18	0.04	5	-	113-0B
1540.00	swc bulk	NDP	-	-	0	-	041-0B
1627.00	cut bulk	0.54	35	0.06	5	-	118-0B
1630.00	swc bulk	0.53	18	0.06	0	-	042-0B
1730.00	swc bulk	0.64	22	0.06	0	-	043-0B

Table 7 : Thermal Maturity Data for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	T _{max} (°C)	Sample
1735.00	cut bulk	0.57	15	0.05	5+6	-	121-0B
1855.00	cut bulk	0.64	10	0.07	5+6	-	129-0B
1875.00	swc bulk	0.57	2	0.01	0	-	044-0B
1940.00	swc bulk	0.64	21	0.04	5+6	-	045-0B
1972.00	cut bulk	0.65	19	0.04	5+6	-	139-0B
2089.00	cut bulk	0.62	3	0.05	6	-	266-0B
2160.00	swc bulk	0.54	39	0.05	6	-	046-0B
2215.00	cut bulk	0.58	19	0.05	5+6	-	149-0B
2340.00	swc bulk	NDP	-	-	6	-	047-0B
2341.00	cut bulk	0.64	7	0.05	5+6	-	155-0B
2415.00	swc bulk	0.63	8	0.06	6	-	048-0B
2467.00	cut bulk	0.71	4	0.02	0	-	160-0B
2550.00	swc bulk	0.73	6	0.08	0	-	050-0B
2593.00	cut bulk	0.74	6	0.09	6+7	-	163-0B

Table 7 : Thermal Maturity Data for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	T _{max} (°C)	Sample
2606.00	swc	bulk	0.66	2	0.02	0	-	051-0B
2636.00	swc	bulk	0.72	9	0.07	6+7	-	083-0B
2666.00	swc	bulk	0.72	17	0.06	6+7	-	052-0B
2710.00	cut	bulk	0.70	3	0.03	6	-	164-0B
2827.00	cut	bulk	0.74	3	0.02	0	-	166-0B
2897.00	swc	bulk	0.83	5	0.07	0	-	053-0B
2932.00	swc	bulk	0.81	2	0.16	0	-	054-0B
2944.00	cut	bulk	0.79	11	0.07	0	-	168-0B
2985.00	swc	bulk	0.87	5	0.10	0	-	055-0B
3047.00	swc	bulk	0.87	4	0.07	0	-	056-0B
3097.00	cut	bulk	0.93	6	0.11	0	-	280-0B
3102.00	swc	bulk	0.87	10	0.06	0	-	057-0B
3117.00	swc	bulk	0.93	3	0.03	0	-	084-0B
3177.00	swc	bulk	NDP	-	-	0	-	058-0B

Table 7 : Thermal Maturity Data for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	T _{max} (°C)	Sample
3223.00	cut	bulk	NDP	-	-	0	-	282-0B
3237.00	swc	bulk	0.93	11	0.10	0	-	059-0B
3310.00	swc	bulk	1.09	21	0.12	0	-	060-0B
3340.00	cut	bulk	0.99	7	0.09	0	-	284-0B
3360.00	swc	bulk	1.09	10	0.07	0	-	061-0B
3427.00	swc	bulk	1.20	30	0.21	0	-	062-0B
3452.00	swc	bulk	1.21	17	0.14	0	-	063-0B
3457.00	cut	bulk	1.25	16	0.13	0	-	181-0B
3517.00	swc	bulk	1.29	19	0.18	0	-	064-0B
3583.00	cut	bulk	1.60	28	0.18	0	-	187-0B
3667.00	swc	bulk	1.40	14	0.10	0	-	065-0B
3700.00	cut	bulk	NDP	-	-	0	-	193-0B
3797.00	swc	bulk	1.45	16	0.13	0	-	066-0B
3835.00	swc	bulk	1.44	5	0.12	0	-	067-0B

Table 7 : Thermal Maturity Data for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	T _{max} (°C)	Sample
3844.00	cut bulk	1.58	7	0.19	0	-	198-0B
3970.00	cut bulk	1.73	7	0.21	0	-	203-0B
4087.00	cut bulk	NDP	-	-	0	-	207-0B
4204.00	cut bulk	NDP	-	-	0	-	212-0B
4275.00	swc bulk	NDP	-	-	0	-	068-0B
4330.00	cut bulk	2.14	2	0.09	0	-	217-0B
4356.50	swc bulk	2.74	35	0.25	0	-	069-0B
4377.00	swc bulk	3.06	20	0.45	0	-	070-0B
4447.00	cut bulk	3.31	29	0.47	0	-	222-0B
4522.00	swc bulk	1.85	47	0.20	0	-	071-0B
4552.00	swc bulk	NDP	-	-	0	-	085-0B
4573.00	cut bulk	2.93	33	0.43	0	-	228-0B
4670.00	swc bulk	2.69	7	0.22	0	-	072-0B
4690.00	cut bulk	2.75	16	0.29	0	-	232-0B

Table 7 : Thermal Maturity Data for well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	Tmax (°C)	Sample
4715.00	swc	bulk	2.59	40	0.18	0	-	073-0B

Table 8 : Tabulation of carbon isotope data and C2+ data in headspace gas for well NOCS 7124/3-1

Depth m	Delta 13C of C1	Delta 13C of C2	C2+ in %
450.00	-43.5	-26.2	Data from 460m
460.00			0.3
510.00	-43.8	-34.7	35.4
570.00	-12.6	-26.9	31.4
660.00	-30.5	-25.9	43.9
690.00	-36.1	-29.3	55.3
750.00	-32.7	-28.5	44.1
820.00	-52.9	-39.3	3.5
880.00	Container broken during transport		
930.00	-37.4	-28.0	Data from 940m
940.00			14.5
990.00	-52.9	-34.8	Data from 1000m
1000.00			5.6
1060.00	-39.1	-29.8	10.2
1120.00	(-33.0)	-	7.9
1190.00	-45.9	-32.9	21.2
1210.00	-48.3	-34.5	25.7
1296.00	-12.3	-27.0	43.7
*1298.00	-19.9	-25.1	
1387.00	-30.5	-31.0	Data from 1388m
1388.00			66.7
1414.00			48.6
1415.00	-38.1	-33.6	Data from 1414m
1469.00	-44.9	-34.7	35.8
1549.00			7.7
1550.00	-37.7	-33.3	Data from 1549m
1603.00	-21.1	-29.8	53.2
3997.00	-36.7	-26.7	19.5
4060.00	-37.2	-27.8	21.3
4123.00	No gas detected	No gas detected	26.2
4177.00	-37.2	-28.1	15.0
4240.00	-35.6	-28.2	10.3
4303.00	-39.7	-27.8	9.5
4357.00	-39.0	-29.0	9.1
4420.00	-38.3	-29.6	7.1
4483.00	-30.8	To low	0.0
4537.00	No gas detected	No gas detected	14.9
4600.00	-31.7	-30.4	19.4
4663.00	-35.7	-27.8	22.9
4726.00	-34.1	-28.6	1.0

Calculation of C2+ :

$$C2+ (\%) = (1 - C1/Sum Cn) * 100$$

For some of the sample C2+ were not available from the same sample as the isotope data. C2+ data from nearest available sample was then used.

* The sample "1298" is not headspace gas but a gas samples supplied by Saga Petroleum.

Table 9 : Tabulation of carbon isotope data for EOM / EOM - fractions or Oils for well NOCS 7124/3-1

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Depth unit of measure : m

Depth	Typ Lithology	W.OIL	EOM	Saturated	Aromatic	NSO	Asphaltenes	Sample
1245.00	swc Sh/Clst: drk ol gy		-30.50	-32.11	-31.31	-30.67	-29.61	036-1L
1260.00	swc Sh/Clst: brn blk		-29.86	-31.36	-31.11	-30.26	-28.82	037-1L
1264.00	swc Sh/Clst: brn blk		-28.83	-29.38	-28.49	-27.77	-26.88	038-1L
1280.00	swc Sh/Clst: dsk y brn		-27.68	-30.28	-28.69	-28.22	-27.03	039-1L
1289.00	ccp S/Sst : brn gy		-29.40	-31.05	-30.21	-29.42	-28.28	028-1L
1291.10	ccp S/Sst : brn gy		-29.33	-30.60	-28.48	-28.20	-28.44	001-1L
1294.60	ccp Coal : blk		-26.83	-29.57	-27.95	-27.75	-25.99	074-1L
1298.00	oil bulk	-29.62		-30.13	-28.36	-28.45	-29.11	032-0B
1307.10	ccp Sh/Clst: dsk y brn		-25.87	-26.26	-27.24	-27.31	-25.38	075-1L
1319.60	ccp Sh/Clst: blk		-26.12	-30.52	-27.73	-26.22	-24.86	077-1L
1340.10	ccp bulk		-27.04	-30.45	-28.60	-27.38	-25.56	079-0B
1350.00	ccp S/Sst : brn gy		-29.29	-29.98 -29.94	-28.70	-20.10	-28.44	029-1L
1372.60	ccp Sh/Clst: drk gy		-27.57	-32.93	-26.38	-28.12	-27.73	081-1L

Table 9 : Tabulation of carbon isotope data for EOM / EOM - fractions or Oils for well NOCS 7124/3-1

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Depth unit of measure : m

Depth	Typ Lithology	W.OIL	EOM	Saturated	Aromatic	NSO	Asphaltenes	Sample
1394.00	ccp S/Sst : brn gy		-30.69	-31.17	-30.36	-29.87	-29.81	030-1L
1407.30	ccp S/Sst : m gy to drk y brn		-30.82	-31.15	-31.15	-29.97	-29.48	082-1L
1430.00	swc S/Sst : gn gy		-31.06	-28.02	-28.59	-34.17	-33.34	040-1L
1875.00	swc Sh/Clst: lt gn gy to m gn gy		-29.18	-26.05	-28.47	-28.83	-31.98	044-1L
1940.00	swc Sh/Clst: m gy to drk gy		-32.68	-32.77	-28.55	-28.32	-26.95	045-1L
2160.00	swc Sh/Clst: brn blk		-27.07	-26.83	-27.38	-29.19	-26.54	046-1L
2415.00	swc Sh/Clst: m gn gy		-31.15	-30.43	-24.96	-32.13	-29.38	048-1L
3310.00	swc Sh/Clst: ol blk to dsk y brn		-32.54	-30.87	-23.47 -36.37	-33.53	-29.76	060-1L
3360.00	swc Sh/Clst: ol blk to dsk y brn		-28.10	-30.78	-39.92	-28.21	-34.16	061-1L
3517.00	swc Sh/Clst: blk to brn blk		-27.60	-28.57	-25.61	-28.23	-31.12	064-1L
3667.00	swc Sh/Clst: blk to brn blk		-27.79	-30.58	-29.67	-28.68	-33.43	065-1L

Sample 3310 m aromatic fraction is inhomogeneous

Table 10a: Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 7124/3-1

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
1289.00	ccp	S/Sst : brn gy	3.09	36.41	46.22	14.28	-	028-1L
1291.10	ccp	S/Sst : brn gy	3.89	32.79	46.92	16.40	-	001-1L
1350.00	ccp	S/Sst : brn gy	2.03	28.54	50.97	18.46	-	029-1L
1394.00	ccp	S/Sst : brn gy	1.82	33.40	50.35	14.43	-	030-1L

Figure 10b: Flash of reservoir fluid to stock tank conditions.

Flash conditions : 251 bar, 38.0°C to atmosphere and 15°C.

Gas oil ratio	: 103.9	Sm ³ /Sm ³	1)
Bo at 251 bar	: 1.266	m ³ /Sm ³	2)
Bo at bubble point	: 1.287	m ³ /Sm ³	3)
Density of oil at 15°C	: 816.3	kg/m ³	
Density at bubble point	: 710.5	kg/m ³	
Molecular weight of oil (measured)	: 165		
Gas gravity (air=1)	: 0.782		
Molecular weight of C ₇ ⁺ (calculated)	: 181		4)
Density of C ₇ ⁺ (calculated)	: 833	kg/m ³	4)
Molecular weight of C ₁₀ ⁺ (calculated)	: 223		4)
Density of C ₁₀ ⁺ (calculated)	: 859	kg/m ³	4)

1) Standard m³ gas per m³ stock tank oil.

2) m³ of reservoir fluid at 251 bar per m³ stock tank oil.

3) m³ of reservoir fluid at bubble point per m³ stock tank oil.

4) Stock tank oil

Table 10c : Composition of gas (1298 m) from well NOCS 7124/3-1 :

Molecular composition and PNA distribution.

Component	Wt%	mol%	molwt.	LNG
Nitrogen	-	-		
Carbon dioxide	-	-		
Methane	53.71	77.43		
Ethane	9.28	7.14		
Propane	13.14	6.89		253.2
iso-Butane	5.05	2.01		87.6
n-Butane	8.42	3.35		141.0
iso-Pentane	4.40	1.41		68.9
n-Pentane	3.15	1.01		48.8
Hexanes	2.08	0.57	84.2	30.7
P	1.92	0.50		
N	0.16	0.07		
A	0.00	0.00		
Heptanes	0.72	0.18	92.9	10.2
P	0.35	0.10		
N	0.33	0.07		
A	0.04	0.01		
Octanes	0.05	0.01	105.9	0.7
Nonanes	0.00	0.00		0.0
Decanes plus	0.00	0.00		0.0
Sum	100.00	100.00		641.1

Average molecular weight : 23.13

Gas gravity : 0.789

LNG = Liquified Natural Gas as m3 liquid/1068 m3 gas

Table 10d : Composition of oil (1298 m) from well NOCS 7124/3-1^c

Molecular composition and PNA distribution.

Component	Wt%	mol%	molwt.	density kg/m ³
Nitrogen	-	-		
Carbon dioxide	-	-		
Methane	-	-		
Ethane	0.01	0.06		
Propane	0.19	0.72		
iso-Butane	0.22	0.65		
n-Butane	0.61	1.78		
iso-Pentane	1.01	2.38		
n-Pentane	1.02	2.41		
Hexanes	3.10	6.21	84.7	669
P	2.87	5.65		
N	0.23	0.56		
A	0.00	0.00		
Heptanes	5.29	9.66	92.9	732
P	2.58	4.38		
N	2.46	4.74		
A	0.25	0.54		
Octanes	8.56	13.70	105.9	753
P	3.32	4.89		
N	4.36	7.18		
A	0.88	1.63		
Nonanes	5.11	7.11	121.8	767
P	3.22	4.26		
N	0.74	1.01		
A	1.15	1.84		
Decanes plus	74.88	55.32	229	855
Sum	100.00	100.00		
Average molecular weight :			170	

Table 10e : Mathematically recombined reservoir fluid (1298 m) :
from well NOCS 7124/3-1

Molecular composition and PNA distribution.

Component	Wt%	mol%	molwt.
Nitrogen	-	-	
Carbon dioxide	-	-	
Methane	5.88	36.69	
Ethane	1.02	3.41	
Propane	1.60	3.64	
iso-Butane	0.75	1.30	
n-Butane	1.46	2.52	
iso-Pentane	1.38	1.92	
n-Pentane	1.26	1.74	
Hexanes	2.99	3.54	84.7
P	2.77	3.21	
N	0.22	0.33	
A	0.00	0.00	
Heptanes	4.79	5.17	92.9
P	2.35	2.35	
N	2.22	2.53	
A	0.22	0.29	
Octanes	7.63	7.21	105.9
P	2.96	2.57	
N	3.88	3.78	
A	0.79	0.86	
Nonanes	4.55	3.75	121.8
P	2.86	2.25	
N	0.66	0.53	
A	1.03	0.97	
Decanes plus	66.69	29.11	229
Sum	100.00	100.00	
Average molecular weight :			100

Table 10f : Analysis of sulphour, vanadium and nickel in oil
 (1298 m) from well NOCS 7124/3-1

Element	Content
Sulphour	0.38 Wt%
Vanadium	0.16 ppm
Nickel	< 0.01 ppm

Table 11: Variation in Triterpane Distribution for Well NOCS 7124/3-1

Depth unit of measure: m

Depth	Lithology	B/A	B/B+A	B		C/E	C/C+E	X/E'	Z/E	Z/C	Z/Z+E	Q/E	E/E+F	C+D		J1		Sample
				B+E+F										C+D+E+F	D+F/C+E	J1+J2%		
1245.00	Sh/Clst	3.87	0.79	0.22	0.72	0.42	0.05	-	-	-	0.05	0.70	0.41	0.40	46.42	036-1		
1260.00	Sh/Clst	5.14	0.84	0.26	0.59	0.37	0.05	-	-	-	0.06	0.75	0.36	0.32	58.38	037-1		
1264.00	Sh/Clst	30.91	0.97	0.42	0.68	0.41	0.10	-	-	-	0.08	0.81	0.40	0.22	58.85	038-1		
1280.00	Sh/Clst	20.09	0.95	0.46	0.95	0.49	0.08	3.07	3.24	0.75	0.08	0.87	0.48	0.14	58.56	039-1		
1289.00	S/Sst	0.71	0.42	0.13	0.41	0.29	0.08	-	-	-	0.16	0.91	0.28	0.08	63.24	028-1		
1291.10	S/Sst	1.36	0.58	0.14	0.43	0.30	0.06	-	-	-	0.06	0.88	0.29	0.12	59.39	001-1		
1294.60	Coal	1.42	0.59	0.25	0.57	0.36	0.07	-	-	-	0.09	0.92	0.36	0.09	58.45	074-1		
1298.00	Saturated	1.19	0.54	0.16	0.48	0.33	0.06	-	-	-	0.10	0.93	0.32	0.07	58.88	032-0		
1298.00	Branched/cyclics	1.36	0.58	0.15	0.43	0.30	0.06	-	-	-	0.04	0.91	0.30	0.10	60.12	032-0		
1307.10	Sh/Clst	3.94	0.80	0.21	0.38	0.27	0.05	-	-	-	0.13	0.86	0.29	0.19	51.05	075-1		
1319.60	Sh/Clst	1.64	0.62	0.28	0.65	0.39	0.08	-	-	-	0.07	0.88	0.40	0.15	53.29	077-1		
1340.10	bulk	1.46	0.59	0.26	0.60	0.38	0.08	-	-	-	0.09	0.91	0.38	0.10	57.47	079-0		
1350.00	S/Sst	1.57	0.61	0.20	0.55	0.36	0.07	-	-	-	0.09	0.92	0.36	0.09	60.98	029-1		
1372.60	Sh/Clst	9.79	0.91	0.27	0.71	0.41	0.03	-	-	-	0.04	0.70	0.42	0.44	56.95	081-1		

Table 11: Variation in Triterpane Distribution for Well NOCS 7124/3-1

Depth unit of measure: m

Depth	Lithology	B/A	B/B+A	B		C/E	C/C+E	X/E	Z/E	Z/C	Z/Z+E	Q/E	E/E+F	C+D		J1		Sample
				B+E+F										C+D+E+F	D+F/C+E	J1+J2%		
1394.00	S/Sst	0.60	0.37	0.10		0.41	0.29	0.10	-	-	-	0.18	0.85	0.27	0.14	60.55		030-1
1407.30	S/Sst	0.54	0.35	0.12		0.33	0.25	0.08	-	-	-	0.15	0.93	0.25	0.08	50.54		082-1
1630.00	Ca	2.48	0.71	0.33		1.09	0.52	0.03	-	-	-	0.25	0.84	0.52	0.18	46.53		042-1
1875.00	Sh/Clst	0.87	0.47	0.14		0.67	0.40	-	-	-	-	-	0.88	0.41	0.14	55.43		044-1
1940.00	Sh/Clst	8.57	0.90	0.43		1.32	0.57	0.04	-	-	-	0.09	0.81	0.55	0.17	59.78		045-1
2160.00	Sh/Clst	4.27	0.81	0.29		0.82	0.45	0.10	-	-	-	0.09	0.88	0.45	0.12	53.16		046-1
2415.00	Sh/Clst	1.32	0.57	0.25		0.85	0.46	0.06	-	-	-	0.13	0.91	0.47	0.12	51.02		048-1
3310.00	Sh/Clst	1.21	0.55	0.27		0.89	0.47	0.05	-	-	-	0.22	0.91	0.47	0.10	55.65		060-1
3517.00	Sh/Clst	1.20	0.55	0.27		0.99	0.50	0.05	-	-	-	0.40	0.92	0.50	0.08	60.92		064-1
3667.00	Sh/Clst	1.15	0.54	0.23		0.82	0.45	0.15	-	-	-	0.31	0.90	0.45	0.12	48.12		065-1

Table 12: Variation in Sterane Distribution for Well NOCS 7124/3-1

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Sample
1245.00	Sh/Clst	0.49	29.38	52.44	1.10	0.65	0.27	0.20	036-1
1260.00	Sh/Clst	0.65	44.72	53.77	1.53	0.57	0.23	0.16	037-1
1264.00	Sh/Clst	0.77	49.41	63.50	0.93	0.64	0.27	0.20	038-1
1280.00	Sh/Clst	0.79	66.01	72.99	1.22	0.67	0.35	0.29	039-1
1289.00	S/Sst	0.75	49.66	74.11	0.88	0.74	0.34	0.25	028-1
1291.10	S/Sst	0.70	43.75	64.58	0.92	0.68	0.24	0.20	001-1
1294.60	Coal	0.72	54.87	63.09	0.99	0.61	0.58	0.44	074-1
1298.00		0.79	52.48	68.87	0.90	0.68	0.19	0.14	032-0
1298.00	Saturated								
1298.00	Branched/cyclics	0.83	56.11	75.63	0.95	0.73	0.37	0.26	032-0
1307.10	Sh/Clst	0.63	37.00	59.11	0.72	0.66	0.51	0.44	075-1
1319.60	Sh/Clst	0.69	45.53	66.24	1.01	0.68	0.61	0.49	077-1
1340.10	bulk	0.69	51.44	70.97	1.02	0.70	0.53	0.39	079-0
1350.00	S/Sst	0.82	55.98	73.54	1.07	0.71	0.42	0.30	029-1

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

Table 12: Variation in Sterane Distribution for Well NOCS 7124/3-1

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Sample
1372.60	Sh/Clst	0.50	35.45	58.30	0.77	0.66	0.29	0.22	081-1
1394.00	S/Sst	0.73	54.23	74.19	0.78	0.73	0.32	0.23	030-1
1407.30	S/Sst	0.79	57.92	72.18	0.52	0.69	0.29	0.24	082-1
1630.00	Ca	0.62	46.58	67.77	0.96	0.69	0.41	0.31	042-1
1875.00	Sh/Clst	-	-	-	-	-	-	-	044-1
1940.00	Sh/Clst	0.68	50.03	62.30	0.88	0.62	0.21	0.16	045-1
2160.00	Sh/Clst	0.69	54.99	72.09	0.47	0.70	0.20	0.13	046-1
2415.00	Sh/Clst	0.55	45.95	74.25	0.86	0.76	-	-	048-1
3310.00	Sh/Clst	0.70	49.68	73.03	1.09	0.73	0.35	0.24	060-1
3517.00	Sh/Clst	0.76	51.33	74.52	1.43	0.74	0.50	0.38	064-1
3667.00	Sh/Clst	0.83	50.00	79.85	1.88	0.80	0.25	0.15	065-1

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

Table 13: Aromatisation of Steranes for Well NOCS 7124/3-1

Depth unit of measure: m

<u>Depth</u>	<u>Lithology</u>	<u>Ratio1</u>	<u>Ratio2</u>	<u>Sample</u>
1291.10	S/Sst	0.50	0.89	001-1
1298.00	oil	0.47	0.87	032-0

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

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

Table 14: Variation in Triaromatic Sterane Distribution for Well NOCS 7124/3-1

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>
1291.10	S/Sst	0.37	0.37	0.20	0.17	0.29	001-1
1298.00	Oil	0.42	0.43	0.26	0.22	0.37	032-0

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 15: Variation in Monoaromatic Sterane Distribution for Well NOCS 7124/3-1

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>
1291.10	S/Sst	0.33	0.27	0.20	0.16	001-1
1298.00	Oil	0.39	0.30	0.21	0.17	032-0

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

TABLE 16A.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM STERANES, M/Z 217.

well_number	lower_dept	sample	fracti	lith	u	v	a	b	c	d
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	1563.590	970.170	3323.140	2283.420	1132.740	1459.380
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	1210.880	436.740	3287.770	2601.290	1658.650	2338.940
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	1463.220	679.510	2224.190	1658.440	1134.600	1089.110
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	1621.410	570.050	1592.400	1161.540	636.080	735.790
NOCS 7124/3-1	1289.000	28	1	S/Sst	347.540	121.680	479.740	301.880	137.200	225.540
NOCS 7124/3-1	1291.100	1	1	S/Sst	52.210	32.450	102.990	69.200	31.560	40.140
NOCS 7124/3-1	1294.600	74	1	Coal	1228.450	352.740	805.260	536.570	249.550	298.450
NOCS 7124/3-1	1298.000	br/Ly 32	0	bulk	53.510	40.520	200.880	143.890	68.410	104.320
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	234.790	89.970	340.690	211.170	88.650	157.550
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	54.440	24.090	21.860	12.410	4.430	13.640
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	1604.120	832.190	773.240	490.410	257.500	285.350
NOCS 7124/3-1	1340.100	79	0	bulk	1222.220	377.420	765.940	491.440	234.060	328.980
NOCS 7124/3-1	1350.000	29	1	S/Sst	600.140	194.450	796.990	478.340	185.490	319.950
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	15.370	9.930	16.710	9.170	4.010	6.660
NOCS 7124/3-1	1394.000	30	1	S/Sst	293.890	139.910	454.820	269.210	111.520	169.490
NOCS 7124/3-1	1407.300	82	1	S/Sst	1878.350	451.250	3189.020	1857.340	796.850	1171.840
NOCS 7124/3-1	1630.000	42	1	Ca	364.750	219.900	395.130	242.920	79.090	70.780
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	112.090	106.420	293.190	180.070	75.660	115.540
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	146.850	126.330	341.540	187.770	106.660	204.180
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	0.000	0.000	2.280	1.470	0.810	1.350
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	338.240	96.710	504.920	315.210	157.700	214.110
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	370.540	215.350	480.140	307.860	115.840	226.960
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	5.110	1.950	31.930	20.510	6.280	12.810

TABLE 16B.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM STERANES, M/Z 217.

well_number	lower_dept	sample	fracti	lith	e	f	g	h	i
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	1211.070	1478.160	2226.980	2177.730	844.500
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	1862.620	1915.460	2502.510	2404.350	693.790
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	593.160	829.100	1050.350	2136.420	753.390
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	476.760	582.140	748.970	1274.040	457.450
NOCS 7124/3-1	1289.000	28	1	S/Sst	244.240	186.100	211.160	587.780	264.830
NOCS 7124/3-1	1291.100	1	1	S/Sst	39.520	33.360	36.870	111.030	33.670
NOCS 7124/3-1	1294.600	74	1	Coal	282.240	283.290	435.580	822.080	446.410
NOCS 7124/3-1	1298.000	Br/Ly 32	0	bulk	99.440	89.370	104.460	238.810	86.870
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	154.880	117.120	132.740	363.440	136.390
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	10.880	9.440	24.240	28.850	8.510
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	251.860	257.970	481.910	779.590	385.560
NOCS 7124/3-1	1340.100	79	0	bulk	347.830	280.150	458.360	829.770	467.750
NOCS 7124/3-1	1350.000	29	1	S/Sst	332.230	243.270	297.390	726.110	334.080
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	7.080	5.570	13.310	19.260	10.530
NOCS 7124/3-1	1394.000	30	1	S/Sst	198.180	162.390	176.230	529.780	231.180
NOCS 7124/3-1	1407.300	82	1	S/Sst	2125.310	2059.020	2233.600	6387.060	0.000
NOCS 7124/3-1	1630.000	42	1	Ca	88.300	145.480	214.430	354.310	181.900
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	108.610	97.000	160.570	341.940	170.320
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	232.850	195.700	215.110	783.290	287.180
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	1.380	0.880	1.680	2.640	1.830
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	207.370	211.040	250.000	477.290	240.540
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	224.910	166.220	187.130	351.290	161.140
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	11.890	7.350	12.210	19.460	11.010

TABLE 16C.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM STERANES, M/Z 217.

well_number	lower_dept	sample	fracti	lith	j	k	l	m	n	o
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	3478.520	1948.930	1430.380	732.670	1895.440	562.540
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	1797.770	1447.740	1085.170	884.270	1510.170	364.860
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	678.380	1680.090	1130.460	144.870	1589.660	375.400
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	434.530	943.910	446.980	0.000	704.230	225.920
NOCS 7124/3-1	1289.000	28	1	S/Sst	157.950	360.250	136.520	0.000	221.870	120.520
NOCS 7124/3-1	1291.100	1	1	S/Sst	44.380	75.130	33.020	0.000	46.310	29.180
NOCS 7124/3-1	1294.600	74	1	Coal	320.650	462.730	180.000	0.000	438.400	261.740
NOCS 7124/3-1	1298.000	br/ty 32	0	bulk	52.150	166.690	67.520	11.010	102.620	75.060
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	69.900	217.700	85.580	43.530	176.750	118.760
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	12.670	21.640	6.470	1.120	15.630	8.110
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	341.160	411.330	157.410	152.660	443.250	284.900
NOCS 7124/3-1	1340.100	79	0	bulk	339.130	303.040	194.450	162.630	458.850	280.470
NOCS 7124/3-1	1350.000	29	1	S/Sst	178.480	394.330	172.480	71.340	372.550	210.890
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	16.880	10.830	6.760	5.580	10.800	7.660
NOCS 7124/3-1	1394.000	30	1	S/Sst	166.330	370.230	140.470	0.000	246.420	142.820
NOCS 7124/3-1	1407.300	82	1	S/Sst	827.320	3965.340	1494.110	0.000	1704.150	747.450
NOCS 7124/3-1	1630.000	42	1	Ca	238.690	203.880	51.930	49.100	214.910	102.350
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	140.960	199.870	60.940	55.770	153.360	112.290
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	155.990	453.140	201.370	52.930	360.370	145.820
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	1.830	1.960	0.720	0.000	1.570	1.170
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	217.760	271.420	94.640	86.170	248.420	191.540
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	147.770	208.130	55.160	36.790	173.670	130.010
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	6.680	9.810	3.100	2.380	5.610	5.330

TABLE 16D.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM STERANES, M/Z 217.

well_number	lower_dept	sample	fracti	lith	p	q	r	s	t
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	2569.670	1294.130	1214.180	1214.180	3111.350
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	1442.370	1563.090	1016.480	1016.480	1932.510
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	527.430	1550.580	1350.040	1379.370	1587.410
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	285.080	1167.950	1195.190	1195.190	601.440
NOCS 7124/3-1	1289.000	28	1	S/Sst	67.220	188.450	272.080	271.030	191.000
NOCS 7124/3-1	1291.100	1	1	S/Sst	43.280	60.720	58.920	67.600	78.060
NOCS 7124/3-1	1294.600	74	1	Coal	184.650	343.190	269.740	264.710	282.220
NOCS 7124/3-1	1298.000	Br/Cy 32	0	bulk	44.220	97.790	106.900	99.220	88.550
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	58.320	122.330	166.140	172.100	95.700
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	13.540	15.970	14.890	16.300	27.190
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	216.400	361.070	386.600	391.310	431.980
NOCS 7124/3-1	1340.100	79	0	bulk	190.830	327.250	394.040	383.690	308.980
NOCS 7124/3-1	1350.000	29	1	S/Sst	106.390	259.300	324.780	319.060	203.900
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	9.910	12.820	12.580	12.700	23.340
NOCS 7124/3-1	1394.000	30	1	S/Sst	69.510	209.170	287.180	267.270	176.520
NOCS 7124/3-1	1407.300	82	1	S/Sst	443.540	1471.920	1848.380	1447.750	1069.200
NOCS 7124/3-1	1630.000	42	1	Ca	106.730	187.940	218.320	205.960	215.570
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	88.520	220.880	186.690	178.030	220.600
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	96.760	260.430	310.090	301.420	213.140
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	0.570	1.020	1.650	1.550	1.200
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	109.560	167.400	246.310	209.860	169.590
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	79.300	120.760	173.150	170.820	114.490
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	2.700	3.460	6.700	7.010	3.460

TABLE 16E.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM STERANES, M/Z 217.

well_number	lower_dept	sample	fracti	lith	u	v	a	b	c	d
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	13391.050	6739.700	26405.721	15552.480	7618.530	14470.350
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	9554.370	2326.480	27211.160	18168.301	11770.210	24245.910
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	12140.580	5079.890	17532.020	11764.530	7861.250	9642.850
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	13348.330	3582.650	12028.510	7885.160	4431.970	6330.700
NOCS 7124/3-1	1289.000	28	1	S/Sst	2702.540	680.570	3204.050	1963.780	835.330	1795.880
NOCS 7124/3-1	1291.100	1	1	S/Sst	302.920	142.460	481.400	337.850	152.440	192.740
NOCS 7124/3-1	1294.600	74	1	Coal	9618.190	1925.870	5731.450	3471.330	1581.960	2424.260
NOCS 7124/3-1	1298.000	Br/Ly 32	0	bulk	388.880	270.900	1277.620	899.800	422.140	615.710
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	1664.390	519.140	2165.000	1350.980	532.310	1474.580
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	384.620	143.740	119.770	77.810	23.060	111.700
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	11796.610	5049.440	4655.490	3136.390	1713.520	2670.560
NOCS 7124/3-1	1340.100	79	0	bulk	9300.970	2455.220	5313.570	3161.780	1503.630	2653.970
NOCS 7124/3-1	1350.000	29	1	S/Sst	4602.940	1288.970	6228.590	3236.910	989.220	2225.360
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	85.750	54.040	89.700	57.940	18.600	58.200
NOCS 7124/3-1	1394.000	30	1	S/Sst	2158.860	975.870	3402.130	1686.070	668.420	1416.560
NOCS 7124/3-1	1407.300	82	1	S/Sst	259.630	96.460	481.560	303.660	135.480	204.580
NOCS 7124/3-1	1630.000	42	1	Ca	2730.150	1385.420	2657.910	1478.920	436.790	254.630
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	684.900	480.930	1957.850	1208.940	470.180	792.810
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	978.150	803.300	2014.090	1181.060	646.120	1370.590
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	0.000	0.000	12.290	8.760	7.240	10.610
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	2726.980	583.360	3022.270	2172.770	988.110	1564.710
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	2811.200	1431.910	3169.010	1874.040	601.210	2109.720
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	35.420	12.660	184.610	126.320	37.160	89.100

TABLE 16F.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM STERANES, M/Z 217.

well_number	lower_dept	sample	fracti	lith	e	f	g	h	i
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	7706.460	16058.170	22125.529	16808.029	4464.330
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	11163.550	19914.141	22312.180	17169.221	2460.820
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	2824.160	9943.560	8747.780	16040.630	2193.020
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	2342.080	6772.180	6134.110	9538.510	1667.190
NOCS 7124/3-1	1289.000	28	1	S/Sst	1890.990	2029.110	1740.270	4123.850	1371.650
NOCS 7124/3-1	1291.100	1	1	S/Sst	181.880	262.540	246.860	518.040	136.870
NOCS 7124/3-1	1294.600	74	1	Coal	1664.320	3137.400	3606.070	5908.890	2680.750
NOCS 7124/3-1	1298.000	Br/Ly 32	0	bulk	601.720	309.970	961.490	1706.390	608.710
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	1002.920	1308.050	1068.070	2710.120	643.990
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	76.220	102.990	140.110	194.860	65.590
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	1715.540	2974.500	3848.980	5510.190	2554.860
NOCS 7124/3-1	1340.100	79	0	bulk	2558.990	3238.250	3860.960	6100.890	2900.290
NOCS 7124/3-1	1350.000	29	1	S/Sst	2214.970	2675.840	2398.290	5268.680	1833.120
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	48.750	60.370	110.410	133.150	24.760
NOCS 7124/3-1	1394.000	30	1	S/Sst	1423.080	1790.370	1490.850	3857.580	1123.310
NOCS 7124/3-1	1407.300	82	1	S/Sst	233.370	180.880	224.880	632.000	0.000
NOCS 7124/3-1	1630.000	42	1	Ca	429.070	1518.490	1548.780	2558.180	903.070
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	681.750	1111.670	1285.810	2251.800	937.530
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	1756.240	2465.460	1829.630	5350.880	1297.150
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	7.930	9.380	11.540	19.880	3.810
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	1253.020	2205.100	1892.810	3480.060	1256.140
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	1655.250	1659.100	1380.450	2348.750	1126.200
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	100.100	68.830	78.700	126.660	68.480

TABLE 16G.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM STERANES, M/Z 217.

well_number	lower_dept	sample	fracti	lith	j	k	l	m	n	o	
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	26014.010	19828.990	16903.000	9179.640	14562.330	3819.940	
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	10811.600	11851.350	12817.350	9129.310	11311.100	1938.130	
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	4363.010	15514.330	10642.780	583.790	10615.030	1932.000	
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	2832.850	9216.680	4599.020	0.000	4789.980	1188.580	
NOCS 7124/3-1	1289.000	28	1	S/Sst	542.140	2812.410	1321.500	0.000	1504.540	621.920	
NOCS 7124/3-1	1291.100	1	1	S/Sst	207.880	431.880	245.940	0.000	291.610	121.490	
NOCS 7124/3-1	1294.600	74	1	Coal	2047.560	3565.910	1678.700	0.000	2968.390	1585.770	
NOCS 7124/3-1	1298.000	Br/Cy32	0	bulk	289.980	1075.770	441.440	41.820	685.410	406.900	
NOCS 7124/3-1	1298.000	SAT	32	0	bulk	382.190	1694.490	928.830	291.940	1330.340	899.430
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	58.540	160.530	28.290	3.140	99.400	34.830	
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	2069.220	2560.820	1566.160	1433.670	3216.980	1945.900	
NOCS 7124/3-1	1340.100	79	0	bulk	2406.280	1244.350	2125.660	1082.610	3394.200	1735.910	
NOCS 7124/3-1	1350.000	29	1	S/Sst	1227.940	3049.360	1678.190	796.390	2648.800	1118.320	
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	96.470	107.130	34.200	22.040	63.360	46.370	
NOCS 7124/3-1	1394.000	30	1	S/Sst	590.010	2769.770	1296.500	0.000	1544.760	904.930	
NOCS 7124/3-1	1407.300	82	1	S/Sst	120.990	422.870	156.580	0.000	274.950	136.960	
NOCS 7124/3-1	1630.000	42	1	Ca	1482.390	1489.710	430.580	212.320	1460.960	629.210	
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000	0.000	
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	861.090	1514.350	490.660	367.270	1147.520	647.780	
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	1079.270	3600.290	1304.990	453.060	2537.180	782.920	
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	11.430	15.420	5.400	3.000	8.560	7.540	
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	1461.210	2005.440	817.230	687.950	1766.270	1182.480	
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	939.270	1519.610	283.840	192.110	1139.260	867.330	
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	37.540	90.940	44.530	38.610	45.470	41.360	

TABLE 16H.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM STERANES, M/Z 217.

well_number	lower_dept	sample	fracti	lith	p	q	r	s	t
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	19691.150	9461.340	13081.570	13081.570	21657.199
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	10169.020	11867.550	12768.290	12768.290	13515.700
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	4005.320	11338.350	7810.500	9679.160	11861.340
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	2234.110	11360.710	12531.210	12531.210	4481.440
NOCS 7124/3-1	1289.000	28	1	S/Sst	459.250	1482.310	1774.900	1619.410	1441.950
NOCS 7124/3-1	1291.100	1	1	S/Sst	246.130	336.910	313.530	378.290	420.570
NOCS 7124/3-1	1294.600	74	1	Coal	1373.810	2615.350	1814.700	1641.540	1745.730
NOCS 7124/3-1	1298.000	br/cy 32	0	bulk	213.650	735.050	764.420	654.640	636.930
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	451.010	874.490	1055.810	1146.100	598.150
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	85.880	104.100	77.890	111.790	189.070
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	1517.470	3017.420	2612.090	2456.180	3113.520
NOCS 7124/3-1	1340.100	79	0	bulk	1472.920	2504.400	2721.240	2224.440	2065.200
NOCS 7124/3-1	1350.000	29	1	S/Sst	724.720	1840.160	2191.980	2029.510	1299.740
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	71.160	95.330	81.130	68.900	148.760
NOCS 7124/3-1	1394.000	30	1	S/Sst	502.530	1795.060	1989.420	1539.130	1195.800
NOCS 7124/3-1	1407.300	82	1	S/Sst	65.910	179.670	267.470	247.500	144.220
NOCS 7124/3-1	1630.000	42	1	Ca	710.480	1290.300	1347.000	1400.770	1557.770
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	713.170	1484.830	1158.930	1118.210	1514.770
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	875.150	1906.300	1759.680	1978.630	1287.820
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	4.040	8.360	10.410	8.430	6.580
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	735.250	1203.760	1725.080	1191.790	1171.230
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	594.920	858.550	1061.880	1203.080	754.920
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	19.380	24.730	38.050	46.870	28.670

TABLE 17A.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	p	q	r	s	t
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	1008.330	364.910	424.100	503.410	164.730
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	726.640	406.270	524.450	510.110	142.110
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	390.010	293.920	246.540	228.980	40.920
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	445.070	311.250	246.020	342.550	0.000
NOCS 7124/3-1	1289.000	28	1	S/Sst	636.700	509.750	390.020	128.710	253.270
NOCS 7124/3-1	1291.100	1	1	S/Sst	52.900	49.020	23.190	37.820	17.740
NOCS 7124/3-1	1294.600	74	1	Coal	671.840	461.530	370.100	616.840	178.420
NOCS 7124/3-1	1298.000	Dr/ty 32	0	bulk	62.780	68.160	52.790	56.510	31.500
NOCS 7124/3-1	1298.000	32	0	bulk	198.310	182.760	106.720	115.490	51.230
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	78.940	48.490	33.050	25.280	8.690
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	910.640	521.360	421.220	882.770	210.040
NOCS 7124/3-1	1340.100	79	0	bulk	631.220	445.780	328.070	542.110	153.960
NOCS 7124/3-1	1350.000	29	1	S/Sst	335.320	254.240	191.480	185.780	138.050
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	39.710	17.160	16.550	46.140	5.630
NOCS 7124/3-1	1394.000	30	1	S/Sst	788.860	622.450	364.560	141.120	346.320
NOCS 7124/3-1	1407.300	82	1	S/Sst	3890.250	3567.790	3975.200	0.000	2881.470
NOCS 7124/3-1	1630.000	42	1	Ca	626.340	357.470	234.720	70.460	140.740
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	420.680	216.710	132.260	383.480	46.490
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	369.780	184.090	148.430	283.040	61.720
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	3.140	1.740	1.490	2.990	0.720
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	313.830	226.770	199.230	186.380	101.160
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	566.710	297.090	188.740	148.720	61.580
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	5.980	4.120	0.000	0.000	0.000

TABLE 17B.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	a	b	z	c	x
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	790.760	3063.600	0.000	5374.510	381.050
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	659.060	3385.830	0.000	4340.440	390.820
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	111.110	3434.060	0.000	2589.670	393.400
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	180.250	3620.600	11581.210	3575.530	305.400
NOCS 7124/3-1	1289.000	28	1	S/Sst	721.030	511.810	0.000	1341.890	262.910
NOCS 7124/3-1	1291.100	1	1	S/Sst	103.330	140.060	0.000	337.690	45.730
NOCS 7124/3-1	1294.600	74	1	Coal	1290.740	1832.380	0.000	2880.680	343.820
NOCS 7124/3-1	1298.000	Br/Ly 32	0	bulk	218.910	296.720	0.000	669.260	92.370
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	311.290	369.490	0.000	904.840	110.360
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	30.090	118.480	0.000	142.970	18.940
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	1913.610	3146.000	0.000	4636.350	544.290
NOCS 7124/3-1	1340.100	79	0	bulk	1255.800	1833.870	0.000	2929.220	366.430
NOCS 7124/3-1	1350.000	29	1	S/Sst	472.290	741.810	0.000	1563.040	200.780
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	26.690	261.290	0.000	340.910	14.310
NOCS 7124/3-1	1394.000	30	1	S/Sst	793.840	475.860	0.000	1410.730	338.080
NOCS 7124/3-1	1407.300	82	1	S/Sst	6597.610	3577.760	0.000	7727.550	1938.500
NOCS 7124/3-1	1630.000	42	1	Ca	337.160	835.760	0.000	1576.580	40.590
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.310	0.270	0.000	0.950	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	254.690	2181.880	0.000	3121.530	88.740
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	234.940	1003.140	0.000	1750.120	208.960
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	3.550	4.670	0.000	10.970	0.720
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	342.420	413.590	0.000	932.560	55.940
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	247.170	297.630	0.000	729.210	34.970
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	3.770	4.350	0.000	10.950	1.980

TABLE 17C.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	d	e	f	g	h
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	1957.770	7438.590	3147.630	3979.690	3425.330
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	1274.830	7315.550	2465.280	4576.850	3408.100
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	498.430	3784.800	885.750	2661.960	2012.000
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	473.970	3776.920	559.160	2813.590	1911.530
NOCS 7124/3-1	1289.000	28	1	S/Sst	70.970	3249.490	306.450	1024.590	812.270
NOCS 7124/3-1	1291.100	1	1	S/Sst	30.450	783.220	103.250	324.160	190.420
NOCS 7124/3-1	1294.600	74	1	Coal	288.080	5087.840	454.260	2351.730	1687.910
NOCS 7124/3-1	1298.000	Br/Ly 32	0	bulk	51.660	1554.290	162.350	995.370	681.070
NOCS 7124/3-1	1298.000	SAR 32	0	bulk	60.330	1868.520	144.760	849.570	578.990
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	35.330	377.630	62.380	108.670	89.580
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	704.540	7104.070	1003.330	2511.080	1852.570
NOCS 7124/3-1	1340.100	79	0	bulk	292.040	4880.200	466.470	2170.360	1558.160
NOCS 7124/3-1	1350.000	29	1	S/Sst	137.640	2819.380	235.300	1268.670	991.280
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	151.750	482.410	207.990	328.130	229.490
NOCS 7124/3-1	1394.000	30	1	S/Sst	82.790	3459.430	597.050	890.910	741.470
NOCS 7124/3-1	1407.300	82	1	S/Sst	616.710	23387.539	1782.200	7757.190	8789.330
NOCS 7124/3-1	1630.000	42	1	Ca	284.510	1445.910	273.300	602.250	448.870
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.140	1.410	0.190	0.790	0.490
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	376.240	2357.980	561.060	1161.260	758.980
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	198.380	2145.490	280.690	857.740	586.630
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	1.480	12.910	1.320	4.680	3.410
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	100.430	1046.180	99.180	369.390	353.940
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	61.180	740.120	63.620	239.320	215.860
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	1.400	13.300	1.560	4.790	5.240

TABLE 17D.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	i	j1	j2	k1	k2
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	1778.050	1999.060	2307.240	1450.580	1572.980
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	1452.710	2196.320	1566.060	0.000	0.000
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	672.350	1239.640	866.740	0.000	0.000
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	466.350	1073.350	759.560	0.000	0.000
NOCS 7124/3-1	1289.000	28	1	S/Sst	135.120	621.250	361.080	0.000	0.000
NOCS 7124/3-1	1291.100	1	1	S/Sst	42.710	200.390	137.040	118.080	78.550
NOCS 7124/3-1	1294.600	74	1	Coal	174.510	1274.950	906.240	761.220	505.690
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	65.360	524.610	366.370	341.200	240.100
NOCS 7124/3-1	1298.000	Br/Ly 32	0	bulk	88.790	583.040	386.760	373.330	286.910
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	24.840	66.160	63.450	36.340	26.700
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	378.570	1261.960	1106.340	616.050	450.870
NOCS 7124/3-1	1340.100	79	0	bulk	233.560	1176.330	870.480	641.150	425.700
NOCS 7124/3-1	1350.000	29	1	S/Sst	89.650	866.090	554.090	564.450	387.520
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	112.840	93.650	70.780	41.380	31.930
NOCS 7124/3-1	1394.000	30	1	S/Sst	54.570	676.210	440.640	480.440	334.570
NOCS 7124/3-1	1407.300	82	1	S/Sst	2139.820	7386.100	7229.070	0.000	0.000
NOCS 7124/3-1	1630.000	42	1	Ca	87.340	302.840	347.950	155.550	122.350
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.510	0.410	0.470	0.370
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	224.160	403.080	271.160	197.850	137.410
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	135.540	410.230	361.490	229.630	160.720
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	0.000	2.500	2.400	0.000	0.000
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	32.590	164.710	131.260	96.210	74.030
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	38.350	124.090	79.600	73.880	39.670
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	0.000	3.070	3.310	0.000	0.000

TABLE 17E.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK HEIGHTS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	11	12	m1	m2
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	935.670	1022.430	877.860	895.820
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1289.000	28	1	S/Sst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1291.100	1	1	S/Sst	77.110	46.440	54.840	33.820
NOCS 7124/3-1	1294.600	74	1	Coal	113.960	260.520	266.200	121.200
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	219.840	142.530	146.570	100.160
NOCS 7124/3-1	1298.000	Br/Ly32	0	bulk	305.200	208.640	198.840	126.110
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	22.140	16.620	18.890	11.900
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	218.520	162.830	0.000	0.000
NOCS 7124/3-1	1340.100	79	0	bulk	335.750	243.960	173.290	133.620
NOCS 7124/3-1	1350.000	29	1	S/Sst	371.030	225.130	268.920	140.610
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	21.820	16.060	10.360	7.680
NOCS 7124/3-1	1394.000	30	1	S/Sst	258.520	141.680	0.000	0.000
NOCS 7124/3-1	1407.300	82	1	S/Sst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1630.000	42	1	Ca	74.340	50.650	61.890	41.120
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	132.590	118.920	0.000	0.000
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	0.000	0.000	0.000	0.000

TABLE 17F.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	p	q	r	s	t
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	6740.640	2466.490	3439.960	2948.630	1020.230
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	4660.880	2715.230	4332.000	3012.660	943.000
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	2713.060	2001.820	1961.300	1291.230	220.290
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	2841.550	1972.840	1939.610	2018.170	0.000
NOCS 7124/3-1	1289.000	28	1	S/Sst	3810.560	3276.710	3387.900	683.440	1714.180
NOCS 7124/3-1	1291.100	1	1	S/Sst	237.720	214.320	183.770	181.050	73.330
NOCS 7124/3-1	1294.600	74	1	Coal	4024.090	2992.530	3176.560	3310.950	1133.530
NOCS 7124/3-1	1298.000	Br/Cy 32	0	bulk	466.740	412.300	327.710	373.670	209.790
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	1207.890	1080.550	852.690	663.290	305.140
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	472.750	264.610	265.690	140.870	36.580
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	5720.840	3271.910	3335.410	5036.660	1301.060
NOCS 7124/3-1	1340.100	79	0	bulk	3746.000	2826.690	2702.690	2885.700	950.240
NOCS 7124/3-1	1350.000	29	1	S/Sst	1927.690	1518.610	1528.820	954.140	891.610
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	221.760	100.360	121.930	249.520	29.320
NOCS 7124/3-1	1394.000	30	1	S/Sst	5080.120	4277.870	3081.180	711.040	2222.280
NOCS 7124/3-1	1407.300	82	1	S/Sst	640.750	568.170	449.090	0.000	367.570
NOCS 7124/3-1	1630.000	42	1	Ca	3898.730	2243.050	1970.580	549.200	1034.590
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	2521.170	1319.730	1069.590	2240.300	266.990
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	2286.440	1180.740	1126.110	1484.650	309.300
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	18.800	10.830	13.970	18.910	3.430
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	1853.350	1526.190	1675.330	1022.770	556.660
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	3380.870	1913.040	1564.740	864.470	327.500
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	35.860	25.850	0.000	0.000	0.000

TABLE 17G.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	a	b	z	c	x
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	5669.810	20997.410	0.000	46761.852	2392.410
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	4612.290	23965.090	0.000	35113.949	2543.270
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	620.790	24712.279	0.000	18344.260	2654.910
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	1374.550	26615.109	96186.977	35953.391	1927.700
NOCS 7124/3-1	1289.000	28	1	S/Sst	4786.430	3484.490	0.000	9112.050	1658.360
NOCS 7124/3-1	1291.100	1	1	S/Sst	493.780	680.730	0.000	2266.980	206.330
NOCS 7124/3-1	1294.600	74	1	Coal	8684.680	12441.470	0.000	20055.869	2222.800
NOCS 7124/3-1	1298.000	Br/Ly 32	0	bulk	1522.950	1908.360	0.000	4663.600	612.010
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	2120.980	2406.000	0.000	5656.550	681.340
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	189.600	700.800	0.000	876.490	104.890
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	12305.120	20848.000	0.000	31662.910	3112.080
NOCS 7124/3-1	1340.100	79	0	bulk	8114.600	12167.790	0.000	20224.789	2183.320
NOCS 7124/3-1	1350.000	29	1	S/Sst	3102.400	5011.270	0.000	9859.210	1352.280
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	144.700	1542.270	0.000	1920.000	81.240
NOCS 7124/3-1	1394.000	30	1	S/Sst	5393.990	3265.310	0.000	9054.220	1919.630
NOCS 7124/3-1	1407.300	82	1	S/Sst	989.600	525.820	0.000	1261.650	336.450
NOCS 7124/3-1	1630.000	42	1	Ca	2304.950	5429.800	0.000	12264.420	193.040
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	2.110	1.880	0.000	7.590	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	1551.350	13291.540	0.000	21694.211	415.680
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	1449.320	6409.040	0.000	12852.000	1202.000
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	28.400	29.930	0.000	77.700	5.070
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	2307.430	2738.490	0.000	5791.890	327.580
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	1717.870	1969.600	0.000	4937.150	237.620
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	27.570	33.230	0.000	101.750	19.030

TABLE 17H.
GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	d	e	f	g	h
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	16588.939	53019.129	21080.779	26560.080	24036.391
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	10160.700	52025.500	15945.470	31976.580	24564.449
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	4125.020	25744.820	5900.380	19409.199	15442.220
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	3815.320	26664.090	3499.420	20381.820	14361.410
NOCS 7124/3-1	1289.000	28	1	S/Sst	438.470	22491.811	1978.580	7243.380	6764.410
NOCS 7124/3-1	1291.100	1	1	S/Sst	136.310	3821.630	497.520	1532.200	861.820
NOCS 7124/3-1	1294.600	74	1	Coal	2321.530	34313.910	2705.740	15492.760	11898.270
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	341.580	12564.400	814.660	5551.920	3823.720
NOCS 7124/3-1	1298.000	br/Ly 32	0	bulk	376.120	10188.540	892.180	6225.790	4231.100
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	227.100	2106.920	359.240	655.620	526.650
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	4769.090	49883.520	6054.600	16928.439	12988.670
NOCS 7124/3-1	1340.100	79	0	bulk	1922.920	32340.811	2709.220	14167.630	11248.420
NOCS 7124/3-1	1350.000	29	1	S/Sst	1073.310	18455.359	1529.520	8506.430	7300.770
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	914.900	2899.030	1182.930	1973.930	1366.150
NOCS 7124/3-1	1394.000	30	1	S/Sst	327.340	23203.891	1796.670	6074.830	6473.470
NOCS 7124/3-1	1407.300	82	1	S/Sst	93.470	3448.060	297.990	1039.660	907.320
NOCS 7124/3-1	1630.000	42	1	Ca	1748.400	9208.370	1883.310	3942.450	3397.650
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	1.440	8.310	1.400	4.230	3.070
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	2196.370	15288.330	3869.350	7310.410	4966.840
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	1354.740	13676.820	1824.650	5426.770	3889.120
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	11.350	82.800	8.710	25.750	21.280
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	666.400	6670.070	581.380	2358.340	2573.650
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	428.780	4720.800	361.580	1565.340	1448.750
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	11.990	100.160	11.860	26.910	33.440

TABLE 171.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	i	j1	j2	k1	k2
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	11811.210	13777.860	17109.340	10925.070	11868.420
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	9606.120	14919.360	10931.380	0.000	0.000
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	4690.510	8501.950	6391.500	0.000	0.000
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	3362.660	7605.480	5533.200	0.000	0.000
NOCS 7124/3-1	1289.000	28	1	S/Sst	876.170	4716.650	2424.190	0.000	0.000
NOCS 7124/3-1	1291.100	1	1	S/Sst	244.780	1049.350	781.610	730.070	490.910
NOCS 7124/3-1	1294.600	74	1	Coal	1066.060	8639.070	6523.960	4915.570	3652.380
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	357.850	3504.730	2170.930	2173.280	1649.710
NOCS 7124/3-1	1298.000	Br/Ly32	0	bulk	382.360	3904.250	2598.700	2152.940	1758.880
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	127.320	401.520	370.440	218.770	158.250
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	2344.300	8291.620	7563.620	4126.620	2968.050
NOCS 7124/3-1	1340.100	79	0	bulk	1344.460	7551.390	5618.900	4286.310	2914.550
NOCS 7124/3-1	1350.000	29	1	S/Sst	556.810	5802.510	3590.240	3628.390	2497.110
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	715.280	575.210	464.580	227.250	196.850
NOCS 7124/3-1	1394.000	30	1	S/Sst	206.550	5001.630	2956.750	3060.700	2377.040
NOCS 7124/3-1	1407.300	82	1	S/Sst	170.120	1021.890	847.130	0.000	0.000
NOCS 7124/3-1	1630.000	42	1	Ca	508.980	2185.480	2511.430	1006.720	893.330
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	3.160	2.220	3.140	2.460
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	1508.130	2521.530	1835.030	1332.760	660.400
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	135.540	2505.310	2279.430	1381.250	1024.480
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	0.000	17.380	16.360	0.000	0.000
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	156.900	1222.090	791.810	526.410	385.380
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	202.300	891.290	620.010	397.510	123.940
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	0.000	22.420	20.800	0.000	0.000

TABLE 17J.

GC-MS RAW DATA FROM SATURATED FRACTION, PEAK AREAS FROM TRITERPANES, M/Z 191.

well_number	lower_dept	sample	fracti	lith	11	12	m1	m2
NOCS 7124/3-1	1245.000	36	1	Sh/Clst	7193.500	7487.960	7877.990	8185.970
NOCS 7124/3-1	1260.000	37	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1264.000	38	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1280.000	39	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1289.000	28	1	S/Sst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1291.100	1	1	S/Sst	520.920	323.110	451.510	258.610
NOCS 7124/3-1	1294.600	74	1	Coal	308.950	1912.890	2172.450	676.540
NOCS 7124/3-1	1298.000	SAT 32	0	bulk	1636.860	1079.480	1257.350	742.520
NOCS 7124/3-1	1298.000	br/cy 32	0	bulk	2052.490	1483.850	1481.240	1078.050
NOCS 7124/3-1	1307.100	75	1	Sh/Clst	142.010	105.760	141.170	93.620
NOCS 7124/3-1	1319.600	77	1	Sh/Clst	1553.210	1144.150	0.000	0.000
NOCS 7124/3-1	1340.100	79	0	bulk	2420.730	1682.490	1441.490	844.600
NOCS 7124/3-1	1350.000	29	1	S/Sst	2866.130	1709.370	2145.230	1153.900
NOCS 7124/3-1	1372.600	81	1	Sh/Clst	140.270	105.680	75.590	62.420
NOCS 7124/3-1	1394.000	30	1	S/Sst	2295.300	953.810	0.000	0.000
NOCS 7124/3-1	1407.300	82	1	S/Sst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1630.000	42	1	Ca	533.190	338.160	479.550	320.820
NOCS 7124/3-1	1875.000	44	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	1940.000	45	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	2160.000	46	1	Sh/Clst	1208.570	798.780	0.000	0.000
NOCS 7124/3-1	2415.000	48	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	3310.000	60	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	3517.000	64	1	Sh/Clst	0.000	0.000	0.000	0.000
NOCS 7124/3-1	3667.000	65	1	Sh/Clst	0.000	0.000	0.000	0.000

TABLE 18a:

GC-MS RAW DATA FROM AROMATIC FRACTION, PEAK HEIGHTS FROM TRIAROMATIC STERANES, M/Z 231.

well_number	lower_dept	sample	fracti	lith	a1	b1	c1	d1	e1	f1	g1
NOCS 7124/3-1	1291.100	1	1	S/Sst	85.890	85.890	49.350	208.350	158.980	113.470	144.630
NOCS 7124/3-1	1298.000	32	0	Oil	311.620	320.510	145.930	538.020	401.160	287.060	424.920

TABLE 18b:

GC-MS RAW DATA FROM AROMATIC FRACTION, PEAK AREAS FROM TRIAROMATIC STERANES, M/Z 231.

well_number	lower_dept	sample	fracti	lith	a1	b1	c1	d1	e1	f1	g1
NOCS 7124/3-1	1291.100	1	1	S/Sst	364.590	367.420	195.040	915.070	812.840	563.100	734.150
NOCS 7124/3-1	1298.000	32	0	Oil	2067.400	1882.930	941.570	3313.150	2924.070	2300.820	2712.130

TABLE 19a:
 GC-MS RAW DATA FROM AROMATIC FRACTION, PEAK HEIGHTS FROM MONOAROMATIC STERANES, M/Z 253.

well_number	lower_dept	sample	fracti	lith	A1	B1	C1	D1	E1	F1
NOCS 7124/3-1	1291.100	1	1	S/Sst	72.420	52.900	116.980	100.660	143.890	25.950
NOCS 7124/3-1	1298.000	32	0	Oil	197.720	133.08	265.690	213.880	314.160	48.610

TABLE 19b:
 GC-MS RAW DATA FROM AROMATIC FRACTION, PEAK HEIGHTS FROM MONOAROMATIC STERANES, M/Z 253.

well_number	lower_dept	sample	fracti	lith	G1	H1	I1
NOCS 7124/3-1	1291.100	1	1	S/Sst	152.510	110.470	18.250
NOCS 7124/3-1	1298.000	32	0	Oil	432.530	248.740	64.120

TABLE 19c:

GC-MS RAW DATA FROM AROMATIC FRACTION, PEAK AREAS FROM MONOAROMATIC STERANES, M/Z 253.

well_number	lower_dept	sample	fracti	lith	A1	B1	C1	D1	E1	F1
NOCS 7124/3-1	1291.100	1	1	S/Sst	392.110	232.300	495.660	481.580	621.830	122.980
NOCS 7124/3-1	1298.000	32	0	Oil	1262.500	693.940	1562.420	1273.540	1899.560	225.550

TABLE 19d:

GC-MS RAW DATA FROM AROMATIC FRACTION, PEAK AREAS FROM MONOAROMATIC STERANES, M/Z 253.

well_number	lower_dept	sample	fracti	lith	G1	H1	I1
NOCS 7124/3-1	1291.100	1	1	S/Sst	1088.020	587.330	80.360
NOCS 7124/3-1	1298.000	32	0	Oil	3017.960	2023.820	386.100