MOBIL EXPLORATION NORWAY INC.

WELL 35/11-5

HOLE/CASING/MUD/CEMENTING DATA

HOLE SIZE/ MUD TYPE	CASING AND THREAD	SHOE DEPTH (mRKB)	CEMENTING
36": ML–445mRKB SEAWATER/ VISCOUS PILLS	30",310 LB/FT VETCO ST2RB, & 457 LB/FT DRILQUIP H90–QS + H60–QS GRADE X–52	443	51 MT NORCEM G MIXED WITH 10.6% D124, 0.1L/100KG D47, 4.44L/100KG D77, 49.23L/100KG SEAWATER AT 14.0 ppg (1.68 g/cc)
26": 445–1015mRKB SEAWATER/ VISCOUS PILLS	WELL RE–SPUDDED BEFORE 20" WAS SET		ABANDONMENT PLUGS AT:– 821–700 mRKB 493–397 mRKB
36": ML–446mRKB SEAWATER/ VISCOUS PILLS	30",310 LB/FT VETCO ST2RB, & 457 LB/FT DRILQUIP H90–QS + H60–QS	443	70 MT LITEFILL CEMENT NORCEM CLASS G WITH:– 10.6% BWOC D124 0.1L/100KG D47 4.44L/100KG D77 49.23L/100KG SEAWATER AT 14.0 ppg (1.68 g/cc)
26": 446–1010mRKB SEAWATER/ VISCOUS PILLS	20",133 LB/FT VETCO RL4S & DRILQUIP E–60 GRADE X–56	1001	120MT CLASS G AS:– LEAD SLURRY: 693 BBL CLASS G MIXED WITH:– 2.5% BWOC BENTONITE 0.7L/100KG D47 AT 13.0 ppg (1.56 g/cc) TAIL SLURRY: 130 BBL CLASS G MIXED WITH:– 0.1L/100KG D47 AT 15.8 ppg (1.89 g/cc)
$17\frac{1}{2}$": 1010–2686 KCL/POLYMER	$13\frac{3}{8}$",72 LB/FT GRADE L–80 & C–95	2679	SALTWATER FLUSH: 100 BBL LEAD SLURRY: 120MT CLASS G MIXED WITH:– 3.5% BWOC PREH. D20 GEL 0.62L/100KG D81 0.1L/100KG D47 108L/KG FRESH WATER AT 12.5 ppg (1.50 g/cc) TAIL SLURRY: 30MT CLASS G MIXED WITH:– 0.53L/100KG D81 0.1L/100KG D47 43.8L/KG FRESH WATER AT 15.8 ppg (1.89 g/cc)
$12\frac{1}{4}$": 2686–3769 KCL/POLYMER	$9\frac{5}{8}$" CASING NOT SET		ABANDONMENT PLUGS AT:– 3769–2803 mRKB (5 SEPARATE PLUGS) 600–400 mRKB, RETAINER AT 2640 mRKB

FIGURE 1.4

MOBIL EXPLORATION NORWAY INC.			WIRELINE LOGGING REPORT SHEET	Page 4 of 4
WELL: 35/11-5	FIELD: Wildcat	LOCATION: Norwegian North Sea	TD (Driller): 3769m	
DATE: 23/10/91	LOGGING CO: Schlumberger	RUN NO: 2	TD (Logger): 3771m	

WELL DATA		CASING/LINER DATA			MUD DATA			
PERMANENT DATUM:	MSL	SIZE (OD/ID)	DEPTH	WEIGHT	MUD TYPE:	KCL Polymer	RM:	0.129 OHM M at 14 C
LOG MEASURED FROM:	RKB	30"/27" & 28"	443 M	457/310lb/ft	MUD DENSITY:	1.48 g/cc	RMF:	0.090 OHM M at 14 C
DRLG MEASURED FROM:	RKB	20"/18.75	1001 M	133 lb/ft	CHLORIDES:	53000 ppm	RMC:	0.288 OHM M at 14 C
RKB - MSL:	26.5 M	13-3/8"/12.34	2679 M	72 lb/ft	VISCOSITY:	58 sec	CIRC. DATE:	23/10/91
RKB - SEA FLOOR:	381.5 M	9-5/8"/	M	lb/ft	FLUID LOSS:	3.8 cc	CIRC. TIME:	03:45 HRS
BIT SIZE:	12.25 INS	7"/	M	lb/ft	PH:	8.5	CIRC. STOPPED:	08:30 HRS

RUN NO.	LOG	INTERVAL LOGGED FROM M TO M	REPEAT SECTION FROM M TO M	MAX. TEMP	START TIME	OP. TIME	LOST TIME	DOWN TIME	REMARKS
2C	RFT-GR	3239.0 - 3373.0	N/A	98	16:45	9.5	-	-	7 Pretests & Segregated sample at 3888.5m
2D	RFT-GR	3213.5	N/A	-	02:15	3.8	-	-	Segregated sample at 3213.5m
2E	RFT-GR	3214.0	N/A	-	06:05	5.7	-	-	Segregated sample at 3214m
2F	RFT-GR	3254.9 - 3255.3	N/A	-	11:45	5.6	-	-	Sample run abandoned - No permeable zones
2D	CST-GR	2875.4 - 2948.0	N/A	-	17:20	6.1			30 Shots, Rec 21 (70%), 8 Lost, 1 Empty
				SUB TOTALS		30.75	-	-	
TIE-IN LOG: DIL-SDT-AMS-GR (Run #2B)				OVERALL TOTALS		121.5	29.6	-	D/TIME AS A %AGE OF OPERATING TIME = 0%

RIG UP: 16:45 HRS 23/10/91	RIG DOWN: 23:30 HRS 24/10/91	MOBIL REP: HOWES/KELMAN	LOGGING ENG: TYLER/JOHNSEN

MOBIL EXPLORATION NORWAY INC.
WELL 35/11-5

RFT RESULTS

DATE/ RUN No. / TEST No.	DEPTH (mRKB) MD	DEPTH (mRKB) TVD	HYDSTAT MUD PRESSURE psia	FM PRESSURE (HP GAUGE) psia	FM PRESSURE (HP GAUGE) Mpa	TEMP deg C	REMARKS
14 OCT 91							
RUN 2A							
1	2888.5	2888.5	6237	4355.0	30.027	89.9	POOR PERMEABILITY- Tool probably not stabilised
2	2899.0	2899.0	6253.8	4359.0	30.054	90.0	GOOD PERMEABILITY
3	2902.5	2902.5	6263.3	4362.5	30.078	90.4	GOOD PERMEABILITY
4	2924.0	2924.0	6306.9	4403.8	30.363	90.8	FAIR PERMEABILITY
5	2945.5	2945.5	6353.1	4324.0	29.812	92.0	POOR PERMEABILITY - Fm pressure not stabilised
6	2946.0	2946.0	6354.0	4327.2	29.835	92.5	FAIR PERMEABILITY - Tool stuck for 30 mins
15 OCT 91							
RUN 2B							
7	2889.0	2889.0	6065.4	4349.0	29.985	90.0	GOOD PERMEABILITY
8	3210.0	3210.0	6724.3	6514.6	44.916	86.8	POOR PERMEABILITY - Tool stuck for 25 mins
9	3212.0	3212.0	6724.9	6470.4	44.612	92.6	GOOD PERMEABILITY
10	3215.0	3215.0	6728.5	6471.7	44.621	92.9	GOOD PEMEABILITY
11	3295.2	3295.2	6900.8	6357.6	43.834	96.3	FAIR PERMEABILITY - Fm pressure not stabilised
23 OCT 91							
RUN 2C							
12	3239.0	3239.0	6945.8			94.0	TIGHT
13	3244.0	3244.0	6954.3				SEAL FAILURE
14	3255.0	3255.0	6975.7	6830.5	47.095	94.6	GOOD PERMEABILITY ? - Possibly supercharged
15	3293.5	3293.5	7057.3	6488.3	44.735	96.3	GOOD PERMEABILITY
16	3305.0	3305.0	7081.5	6492.1	44.761	96.8	GOOD PERMEABILITY
17	3373.0	3373.0	7218.8	6584.0	45.395	100.7	GOOD PERMEABILITY
18	3255.1	3255.1	6970.7	6822.2	47.037	96.4	GOOD PERMEABILITY ? - Possibly supercharged
19	2888.5	2888.5	6178.8	4347.6	29.976	86.2	SEGREGATED SAMPLE

FIGURE 2.13a

MOBIL EXPLORATION NORWAY INC.
WELL 35/11-5

RFT RESULTS (Continued)

DATE/ RUN No. TEST No.	DEPTH (mRKB) MD	DEPTH (mRKB) TVD	HYDSTAT MUD PRESSURE psia	FM PRESSURE (HP GAUGE) psia	FM PRESSURE (HP GAUGE) Mpa	TEMP deg C	REMARKS
24 OCT 91 RUN 2D 20	3213.5	3213.5	6883.4	6472.1	44.623	96.9	SEGREGATED SAMPLE
24 OCT 91 RUN 2E 21	3214.0	3214.0	6880.3	6471.6	47.438	101.5	SEGREGATED SAMPLE
24 OCT 91 RUN 2F							
22	3255.0	3255.0	6974.0				TIGHT
23	3255.1	3255.1	6972.2				TIGHT
24	3255.2	3255.2	6968.7	6793.2	46.837	107.2	POOR-FAIR PERMEABILITY Fm press not stabilised
25	3254.9	3254.9	6971.7			107.5	TIGHT
26	3255.0	3255.0	6972.6				TIGHT
27	3255.3	3255.3	6971.7			107.8	TIGHT
							ABANDON ATTEMPT TO TAKE SEGREGATED SAMPLE

FIGURE 2.13b

MOBIL EXPLORATION NORWAY INC. — REPEAT FORMATION TESTING WORKSHEET

WELL: 35/11-5 | FIELD: Wildcat | LOCATION: Norwegian North Sea | RIG: Sovereign Explorer

DATE: 14/10/91 | LOGGING Co: Schlumberger | RUN No: 2A | GAUGE: Overgauge by ave 0.5"

GEOLOGIST: Howes/Kelman | MUD TYPE: KCl Polymer | MUD DENSITY: 1.51 g/cc | HOLE SIZE: 12.25"

TEST No	DEPTH mRKB	TYPE	HYD PRESS BEFORE psi	TIME SET	FORMATION PRESS psi	TIME RETRAC	HYD PRESS AFTER psi	RESULT	REMARKS	
1	2888.5	P	6257.0 (6270.2)	13:18	4355.0 (4368.4)	13:29	6237.0 (6245.1)	Good	Poor K	Probably not temp stabilised.
2	2899.0	P	6249.8 (6261.2)	13:44	4359.0 (4375.1)	13:49	6253.8 (6265.2)	Good	Good K	
3	2902.5	P	6262.0 (6273.8)	14:04	4362.5 (4378.1)	14:09	6263.3 (6273.4)	Good	Good K	
4	2924.0	P	6305.7 (6316.8)	14:27	4403.8 (4417.2)	14:29	6306.9 (6317.2)	Good	Fair K	
5	2945.5	P	6349.8 (6361.3)	14:48	4324.0 (4337.6)	15:12	6353.1 (6362.2)	Tight	V. Poor K	Fm pressure not stabilised.
6	2946.0	P	6352.4 (6364.4)	15:20	4327.2 (4342.6)	15:25	6354.0 (6363.5)	Good	Fair K	RFT became temporarily stuck at 3210m while waiting for temperature stabilisation. Freed tool. POOH to do wiper trip.

NOTES: The pressure values in brackets (.....) represent strain gauge readings.
The other pressure values represent HP gauge readings.

NOTES:

REFERENCE LOG: DIL/SDT/AMS/GR | CONVERSION CONSTANTS: KPa = PSI * 6.89474 | PPG (EMW) = psi/(TVDepth * 0.1703)

MOBIL EXPLORATION NORWAY INC. — REPEAT FORMATION TESTING WORKSHEET

WELL: 35/11-5 | FIELD: Wildcat | LOCATION: Norwegian North Sea | RIG: Sovereign Explorer

DATE: 15/10/91 | LOGGING Co: Schlumberger | RUN No: 2B | GAUGE: Overgauge by ave 0.5"

GEOLOGIST: Howes/Kelman | MUD TYPE: KCl Polymer | MUD DENSITY: 1.46 g/cc | HOLE SIZE: 12.25"

TEST No	DEPTH mRKB	TYPE	HYD PRESS BEFORE psi	TIME SET	FORMATION PRESS psi	TIME RETRAC	HYD PRESS AFTER psi	RESULT	REMARKS
7	2889	P	6067.2 (6080.5)	15:54	4349.0 (4365.6)	15:59	6065.4 (6076.4)	GOOD TEST	Good K, Draw down 4200 psi
8	3210	P	6734.5 (6746.0)	17:06	6514.6 (6526.0)	17:20	6724.3 (6736.2)	POOR TEST	Poor K, set probe twice, stuck 25 mins.
9	3212	P	6727.1 (6738.5)	21:24	6470.4 (6483.0)	21:26	6724.9 (6736.6)	GOOD TEST	Good K, Draw down 5700 psi.
10	3215	P	6729.6 (6740.8)	21:34	6471.7 (6484.4)	21:36	6728.5 (6740.1)	GOOD TEST	Good K, Draw down 5800 psi.
11	3295.2	P	6908.2 (6918.8)	22:00	6357.6 (6369.4)	22:03	6900.8 (6910.0)	SLOW TEST	Fair K, Draw down to 1150 psi. Formation Pressure not stabilised.

NOTES: 1) The pressure values in brackets (.....) represent strain gauge readings. The other pressure values represent HP gauge readings.

2) The agreed procedure for taking Test No. 9, 10, and 11 was that the testing period was to be limited to 2 minutes. Additional time to set and retract was necessary to keep the total time for each test limited to 4 or 5 minutes due to cable sticking problems in the hole.

REFERENCE LOG: DIL/SDT/AMS/GR | CONVERSION CONSTANTS: KPa = PSI * 6.89474 | PPG (EMW) = psi/(TVDepth * 0.1703)

MOBIL EXPLORATION NORWAY INC. — REPEAT FORMATION TESTING WORKSHEET

WELL: 35/11-5	FIELD: Wildcat	LOCATION: Norwegian North Sea	RIG: Sovereign Explorer
DATE: 23/10/91	LOGGING Co: Schlumberger	RUN No: 2C	GAUGE: Overgauge by ave 0.5"
GEOLOGIST: Howes	MUD TYPE: KCl Polymer	MUD DENSITY: 1.48 g/cc	HOLE SIZE: 12.25"

TEST No	DEPTH mRKB	TYPE	HYD PRESS BEFORE psi	TIME SET	FORMATION PRESS psi	TIME RETRAC	HYD PRESS AFTER psi	RESULT	REMARKS
12	3239	P	6943.4 (6959.5)	20:30	-	20:31	6945.8 (6952.6)	TIGHT	V. Tight
13	3244.5	P	6954.3 (6965.2)	20:37	-	-	-	NO TEST	Seal Failure
14	3255	P	6976.7 (6989.0)	20:55	6830.5 (6841.6)	20:59	6975.7 (6986.9)	GOOD	Good K, Draw down 4900 psi Supercharged?
15	3293.5	P	7062.4 (7073.5)	21:27	6488.3 (6500.6)	21:31	7057.3 (7068.1)	GOOD	Good K, Draw down 2700 psi
16	3305	P	7082.0 (7092.7)	21:45	6492.1 (6503.8)	21:46	7081.5 (7092.7)	GOOD	Good K, Draw down 5300 psi
17	3373	P	7219.0 (7229.5)	22:14	6584.0 (6595.4)	22:16	7218.8 (7230.2)	GOOD	Good K, Draw down 3900 psi
18	3255.1	P	6969.3 (6981.6)	23:15	6822.2 (6834.9)	23.20	6970.7 (6982.9)	GOOD	Good K, Draw down 6000 psi
19	2888.5	S	6177.3 (6194.8)	23:50 +23:59	4347.6 (4363.0)	23:58 +00:02	6178.8 (6190.6)	GOOD	Details below

SEGREGATED SAMPLE AT 2888.5 M, 23:50 Take Sample in lower chamber - max build up pressure 4347 psi
Allow to flow for 8 mins

23:59 Take sample in 1 Gallon chamber - max build up pressure 4347 psi
Allow to flow for 2.5 mins

2.75 GALLON SAMPLE RECOVERED ON RIG FLOOR Pressure in chamber at surface - 2050 psi

SAMPLE CONTAINED : 248 Cubic ft gas
5750 cc Oil Cl - 3000mg/l, WT - 0.84 sg
1750 cc Mud filtrate/Water Cl - 22000mg/l pH - 7.1

GAS ANALYSIS: - C1 : 700764 ppm iC4 : 4162 ppm
C2 : 615848 ppm nC4 : 7065
C3 : 41592 ppm C5 : 883 ppm

NOTES: The pressure values in brackets are strain gauge readings. Other values are HP gauge pressures.

REFERENCE LOG: DIL/SDT/AMS/GR | CONVERSION CONSTANTS: KPa = PSI * 6.89474 PPG (EMW) = psi/(TVDepth * 0.1703)

MOBIL EXPLORATION NORWAY INC. — REPEAT FORMATION TESTING WORKSHEET

WELL: 35/11-5 | FIELD: Wildcat | LOCATION: Norwegian North Sea | RIG: Sovereign Explorer

DATE: 24/10/91 | LOGGING Co: Schlumberger | RUN No: 2D | GAUGE: Overgauge by ave 0.5"

GEOLOGIST: Howes | MUD TYPE: KCl Polymer | MUD DENSITY: 1.48 g/cc | HOLE SIZE: 12.25"

TEST No	DEPTH mRKB	TYPE	HYD PRESS BEFORE psi	TIME SET	FORMATION PRESS psi	TIME RETRAC	HYD PRESS AFTER psi	RESULT	REMARKS
20	3213.5	S	6882.7 (6894.0)	0420	6472.1 (6484.1)	0445	6883.4 (6888.8)	GOOD	Good K, Draw down 6190 psi Possibly not temperature stabilised.

SEGREGATED SAMPLE AT 3213.5 M, 04:21 — Take Sample in lower chamber - terminated at 605 psi pressure
Allow to flow for 10 mins

04:32 — Take sample in 1 Gallon chamber - max build up pressure 726 psi
Allow to fill for 13 mins

2.75 GALLON CHAMBER SAMPLE RECOVERED ON RIG FLOOR — Pressure in chamber at surface - 100 psi

SAMPLE CONTAINED :
Good Trace Gas
1000 cc Mud filtrate/Water, Cl - 27000 mg/l, pH 7.1
Trace Light Oil

GAS ANALYSIS: C1 : 723296 ppm iC4 : 3575 ppm
C2 : 65327 ppm nC4 : 3724 ppm
C3 : 37274 ppm C5 : 515 ppm

1 GALLON CHAMBER — Pressure in chamber at surface 200 psi

SAMPLE CONTAINED :
38 Cubic ft Gas
400 cc Mud Filtrate/Water, Cl - 37000 mg/l, pH 7.0
Good Trace Light Oil

GAS ANALYSIS: C1 : 574447 ppm iC4 : 4308 ppm
C2 : 115040 ppm nC4 : 7109 ppm
C3 : 45236 ppm C5 : 2444 ppm

NOTES: The pressure values in brackets are strain gauge readings. Other values are HP gauge pressures.

REFERENCE LOG: DIL/SDT/AMS/GR | CONVERSION CONSTANTS: KPa = PSI * 6.89474 | PPG (EMW) = psi/(TVDepth * 0.1703)

MOBIL EXPLORATION NORWAY INC.				REPEAT FORMATION TESTING WORKSHEET
WELL: 35/11-5	FIELD: Wildcat	LOCATION: Norwegian North Sea	RIG: Sovereign Explorer	
DATE: 24/10/91	LOGGING Co: Schlumberger	RUN No: 2E	GAUGE: Overgauge by ave 0.5"	
GEOLOGIST: Howes	MUD TYPE: KCl Polymer	MUD DENSITY: 1.48 g/cc	HOLE SIZE: 12.25"	

TEST No	DEPTH mRKB	TYPE	HYD PRESS BEFORE psi	TIME SET	FORMATION PRESS psi	TIME RETRAC	HYD PRESS AFTER psi	RESULT	REMARKS
21	3214	S	6894.3 (6908.5)	09:15	6471.6 (6484.5)	09:48	6880.3 (6889.8)	GOOD	Good K, Draw down 6380 psi Probably not temperature stabilised.

SEGREGATED SAMPLE AT 3214 M, 09:16 Take Sample in lower chamber - max build up before termination - 6466.5 psi. Allow to flow for 14 mins

09:30 Take sample in 1 Gallon chamber - max build up before termination - 6439.2 psi. Allow to fill for 16 mins

2.75 GALLON CHAMBER SAMPLE RECOVERED ON RIG FLOOR Pressure in the lower chamber at surface - 2500psi

SAMPLE CONTAINED : 459 Cubic ft Gas
4400 cc Mud Filtrate/Water, Cl - 45000 mg/l, pH 6.76
1300 cc Light Oil - 0.81 sg

GAS ANALYSIS - C1 : 715557 ppm iC4 : 3687 ppm
C2 : 86116 ppm nC4 : 3891 ppm
C3 : 30764 ppm C5 : 348 ppm

NOTES: The pressure values in brackets are strain gauge readings. Other values are HP gauge pressures.

REFERENCE LOG: DIL/SDT/AMS/GR | CONVERSION CONSTANTS: KPa = PSI * 6.89474 | PPG (EMW) = psi/(TVDepth * 0.1703)

MOBIL EXPLORATION NORWAY INC.			REPEAT FORMATION TESTING WORKSHEET
WELL: 35/11-5	FIELD: Wildcat	LOCATION: Norwegian North Sea	RIG: Sovereign Explorer
DATE: 24/10/91	LOGGING Co: Schlumberger	RUN No: 2F	GAUGE: Overgauge by ave 0.5"
GEOLOGIST: Howes	MUD TYPE: KCl Polymer	MUD DENSITY: 1.48 g/cc	HOLE SIZE: 12.25"

TEST No	DEPTH mRKB	TYPE	HYD PRESS BEFORE psi	TIME SET	FORMATION PRESS psi	TIME RETRAC	HYD PRESS AFTER psi	RESULT	REMARKS
22	3255	P	6971.6 (6982.6)	13:59	-	14:00	6974.0 (6978.8)	TIGHT	Tight.
23	3255.1	P	6968.8 (6978.3)	14:02	-	14:03	6972.2 (6977.5)	TIGHT	Tight, Re-check depth correlation.
24	3255.2	P	6971.9 (6983.6)	14.14	6793.2+ (6802.9+)	14:18	6968.7 (6978.4)	SLOW	Poor-fair K, Draw down to 30 psi.
25	3254.9	P	6967.2 (6975.9)	14:24	-	14:25	6971.8 (6975.7)	TIGHT	Tight.
26	3255	P	6966.9 (6975.2)	14:33	-	14:34	6972.6 (6976.4)	TIGHT	Tight.
27	3255.3	P	6967.0 (6976.6)	14:38	184.6	14:39	6971.6 (6975.6)	TIGHT	Very poor K.

The above pretests were conducted to identify a suitable place for a fluid sample to be recovered. None of the levels investigated were permeability enough to justify taking a sample.

NOTES: The pressure values in brackets are strain gauge readings. Other values are HP gauge pressures.

REFERENCE LOG: DIL/SDT/AMS/GR	CONVERSION CONSTANTS: KPa = PSI * 6.89474	PPG (EMW) = psi/(TVDepth * 0.1703)

MNSL INTERVAL MUD PROPERTIES SUMMARY

MUD TYPE: WATER BASE MUD WELL: 35/11-5 INTERVAL HOLE SIZE: 36 Ins RIG: SOV. EXPL. MUD COMPANY: MI NORGE

MINIMUM, MAXIMUM AND AVERAGE DATA:

24/6/91			8.9																					100			10								1.0	383
30/6/91			11.6																					150			10								1.0	1965
			9.4																					108			10.0								1.0	1582

MUD PROPERTIES DATABASE: Rheology measured at 120 °F Rheology measured at Flowline temp Mar-91

Date	Depth MD Ft	Temp FL °F	Mud Wt ppg	PV	YP	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	10sec Gel	10min Gel	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	API cc	HTHP cc	Cake 32nd	Pf cc	Calcium mg/l	Chlorides mg/l	MBT ppb	pH	Sand %vol	Oil %vol	Water %vol	Chem %vol	HGS %vol	LGS %vol	Hole Dev.	Depth ft 2400 hr
24/06/91																																0.0		383
			8.93																					150			10						0.0		
	KILL		11.6																					100									0.0		
25/06/91																																0.0		383
			8.9																								10						0.0		
																																0.0		
26/06/91																																0.0		383
			9																					100			10						0.0		
																																0.0		
27/06/91																																0.0		383
			9.2																					100			10						0.0		
																																0.0		
28/06/91																																0.0		1965
			9																					100			10						0.0		
																																0.0		
29/06/91																																0.0	1	1460
			9																					100									0.0		
																																0.0		
30/06/91																																0.0	1	1460
																																0.0		
																																0.0		

Date: 5/11/91

MNSL INTERVAL MUD PROPERTIES SUMMARY

MUD TYPE: WATER BASE MUD WELL: 35/11-5 INTERVAL HOLE SIZE: 26 ins RIG: SOV. EXPL. MUD COMPANY: MI NORGE

MINIMUM, MAXIMUM AND AVERAGE DATA:

1/7/91			9.0																				100		10	11							1460
19/7/91			9.0																				100		10	11							3642
			9.0																				100		10.0	10.5							2182

MUD PROPERTIES DATABASE: Rheology measured at 120 °F Rheology measured at Flowline temp Mar-91

Date	Depth MD Ft	Temp FL °F	Mud Wt ppg	PV	YP	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	10sec Gel	10min Gel	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	API cc	HTHP cc	Cake 32nd	Pf cc	Calcium mg/l	Chlorides mg/l	MBT ppb	pH	Sand %vol	Oil %vol	Water %vol	Chem %vol	HGS %vol	LGS %vol	Hole Dev.	Depth ft 2400 hr
1/07/91																																0.0		1460
																																0.0		
			9																							10						0.0		
2/07/91																																0.0		1460
			9																					100			11					0.0		
																																0.0		
3/07/91																																0.0		3642
			9																													0.0		
																																0.0		
4/07/91																																0.0		3642
			9																								11					0.0		
																																0.0		
5/07/91																																0.0		3642
			9																								11					0.0		
																																0.0		
6/07/91																																0.0		3642
			9																					100			11					0.0		
																																0.0		
7/07/91																																0.0		2608
			9																					100			11					0.0		
																																0.0		
8/07/91																																0.0		2625
			9																					100			11					0.0		
																																0.0		
9/07/91																																0.0		1646
			9																					100			11					0.0		
																																0.0		
10/07/91																																0.0		2608
			9																					100			11					0.0		
																																0.0		
11/07/91																																0.0		2608
			9																					100			11					0.0		
																																0.0		
12/07/91																																0.0		3350
			9																					100			11					0.0		
																																0.0		
13/07/91																																0.0		3350
			9																					100			11					0.0		
																																0.0		
14/07/91																																0.0		3350
			9																					100			11					0.0		
																																0.0		
15/07/91																																0.0		3350
			9																					100			11					0.0		
																																0.0		
16/07/91																																0.0		3350
			9																					100			11					0.0		
																																0.0		
17/07/91																																0.0		3350
			9																					100			11					0.0		
																																0.0		
18/07/91																																0.0		3350
																																0.0		
																																0.0		
19/07/91																																0.0		3350
																																0.0		
																																0.0		

MUD TYPE: WATER BASE MUD WELL: 35/11-5 (RD) INTERVAL HOLE SIZE: 36 Ins RIG: SOV. EXPL. MUD COMPANY: MI NORGE

MINIMUM, MAXIMUM AND AVERAGE DATA:

19/7/91			9.0																				100			11						1463
21/7/91			9.0																				100			11						1463
			9.0																				100			10.5						

MUD PROPERTIES DATABASE: Rheology measured at 120 °F | Rheology measured at Flowline temp | Mar-91

Date	Depth MD Ft	Temp FL °F	Mud Wt ppg	PV	YP	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	10sec Gel	10min Gel	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	API cc	HTHP cc	Cake 32nd	Pf cc	Calcium mg/l	Chlorides mg/l	MBT ppb	pH	Sand %vol	Oil %vol	Water %vol	Chem %vol	HGS %vol	LGS %vol	Hole Dev.	Depth ft 2400 hr
19/07/91																																0.0		1463
			9																					100			11					0.0		
																																0.0		
20/07/91																																0.0		1463
			9																					100			11					0.0		
																																0.0		
21/07/91																																0.0		1463
																																0.0		
																																0.0		

Date: 4/11/91

MNSL INTERVAL MUD PROPERTIES SUMMARY

MUD TYPE: WATER BASE MUD WELL: 35/11-5 INTERVAL HOLE SIZE: 17.5 ins RIG: Sov. Explorer MUD COMPANY: M-I Norge

MINIMUM, MAXIMUM AND AVERAGE DATA:

4/8/91	3330	59	10.0	11	19	43	31	25	18	6	5	4	8	54	39	33	26	10	8	3		1.0	0.1	120	51000	2.2	6.5	0.15			1.7	2.7	0.1	1.3	3330
2/9/91	8813	158	11.6	23	56	89	67	57	44	21	20	33	94	102	76	65	50	21	20	8.4		8.4	0.2	960	64000	21	9.3	2.00			2.6	8.2	8.0	1.6	8813
	5483	104	10.6	18	31	68	49	41	31	14	12	16	43	77	56	47	35	16	15	6.02		2.3	0.1	332	56959	15.3	8.6	0.61			2.2	4.6	3.9	1.5	5483

MUD PROPERTIES DATABASE: Rheology measured at 120 °F Rheology measured at Flowline temp Mar-91

Date	Depth MD Ft	Temp FL °F	Mud Wt ppg	PV	YP	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	10sec Gel	10min Gel	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	API cc	HTHP cc	Cake 32nd	Pf cc	Calcium mg/l	Chlorides mg/l	MBT ppb	pH	Sand %vol	Oil %vol	Water %vol	Chem %vol	HGS %vol	LGS %vol	Hole Dev.	Depth ft 2400 hr
4/08/91																																0.0		3330
	3330	N/A	10	21	25	67	46	37	26	9	7	7	12							4		1		340	60000	5.6	8.1					3.5	1.5		
																																0.0		
5/08/91	3347	N/A	10	12	19	43	31	25	18	6	5	4	9							4		1		340	60000	3.5	8.5				1.8	4.3	-1.1		3750
	3445	N/A	10.1	15	26	56	41	34	24	7	6	6	10							3.6		1		260	60000	2.8	9.2	TRACE			1.8	4.1	0.1		
	3750	N/A	10.1	16	26	58	42	36	26	11	10	6	12							3.6		3.6	0.1	260	60000	2.8	9.2	TRACE			1.8	4.1	0.1		
6/08/91	4095		10	17	26	60	43	34	24	7	6	5	10							3.2		1		280	62000	2.2	8.3	TRACE			1.8	3.4	0.7		4285
	4147		10	17	28	62	45	37	25	11	9	4	8							3		1	0.1	260	64000	2.2	8.5	TRACE			1.8	3.4	0.6		
	4285		10.1	17	29	63	46	37	26	11	9	4	10							3.2		3.2	0.1	280	63000	2.5	8.5	TRACE			1.8	4.1	-0.1		
7/08/91	4797	93	10.1	20	34	74	54	45	33	10	8	7	13							4.1		1		240	60000	7.4	8	TRACE			1.7	4.2	0.2		4859
	4823	90	10.1	18	30	66	48	40	30	10	8	6	12							3.9		1		260	61000	7.7	8.2	TRACE			1.7	3.3	2.0		
																																0.0		
8/08/91	5414	93	10.2	20	30	70	50	43	31	10	9	7	15							4.1		1		320	62000	13	8	0.5			1.7	4.9	-0.7		5683
	5683	95	10.25	19	27	65	46	39	29	11	9	7	13							4.2		1	0.1	720	60000	11	8.4	1			1.7	4.4	1.0		
																																0.0		
9/08/91	5880	93.2	10.3	20	34	74	54	45	33	11	8	8	15							4.3		1		800	58000	11	8.2				1.7	4.7	0.6		6191
	6191	95	10.43	19	30	68	49	41	29	11	8	8	15	80	57	47	34	12	10	4.3		1		880	59000	12	8.1	1.5			1.7	4.8	1.7		
	6185	100	10.52	18	28	64	46	38	28	10	8	8	14	72	50	43	32	11	9	4.3		4.3	0.1	840	58000	12	8.3	2			1.7	5.4	1.1		
10/08/91																																0.0		6191
	6185	81	10.52	17	29	63	46	37	28	10	8	8	14							4.4		1	0.1	830	57000	12	8.2	1			1.7	5.4	1.2		
																																0.0		
11/08/91	6053	86	10.77	17	26	60	43	35	26	10	8	8	15	83	61	50	36	13	11	4.6		1		960	56000	13	6.5	1.5			1.7	6.3	1.2		6434
	6178	87.8	10.68	18	22	58	40	33	24	9	7	7	14							5.2		1		360	60000	13	8.2	1.3			1.7	5.7	1.7		
	6434	93.2	10.52	15	25	55	40	32	23	9	7	8	16	63	54	36	26	10	8	6.2		6.2	0.1	360	54000	12	9	0.8			1.7	5.5	1.2		
12/08/91	6703	86	10.68	20	35	75	55	47	36	15	12	12	31	91	67	56	42	18	15	6		1	0.1	260	52000	9.1	9.1	0.5			2.0	5.9	1.7		6943
	6539	89.6	10.6	22	45	89	67	57	44	19	17	18	38	102	76	65	50	21	16	5.8		1	0.1	120	52000	13	8.7	0.5			2.0	5.3	2.3		
	6943	109	10.6	19	40	78	59	50	39	17	15	16	39							6		6	0.1	240	51000	14	8.6	0.8			2.0	5.3	2.3		
13/08/91	6985	86	10.51	20	36	76	56	47	37	16	14	16	38							6.1		1	0.1	240	54500	14	8.9	0.5			1.9	2.9	6.6		6995
	6995	64.4	10.5	21	36	78	57	48	37	16	14	16	38							6		1	0.1	240	54000	14	8.8	0.5			1.9	2.8	6.7		
	6995	64.4	10.5	21	36	78	57	48	37	16	14	16	38							6		6	0.1	240	54000	14	8.8	0.5			1.9	2.8	6.7		
14/08/91	7038	89.6	10.52	18	33	69	51	43	33	14	13	13	35							6.2		1		480	57000	14	7.2	0.5			2.0	3.8	4.5		7376
	7185	113	10.51	18	35	71	53	45	34	15	13	15	39	85	62	52	40	18	16	6.9		1		140	52500	14	8.3	0.5			2.0	3.8	4.8		
	7356	122	10.51	19	36	74	55	46	35	16	14	16	40	74	55	46	35	16	14	6.8		6.8	0.1	200	57000	16	8.9	0.5			2.0	3.7	4.6		
15/08/91	7464	126	10.5	19	32	70	51	43	33	15	13	15	41							7		1	0.1	180	57000	17	8.7	0.6			2.2	3.7	4.4		7832
	7674	115	10.5	20	35	75	55	45	35	16	14	16	39	89	64	53	40	17	15	7.2		1		120	55000	16	8.5	1			2.2	3.7	4.5		
	7809	109	10.5	20	35	75	55	46	35	16	14	16	49	86	64	53	41	19	17	7.2		7.2	0.1	240	52000	20	8.7	0.8			2.2	3.8	4.6		
16/08/91	7920	111	10.5	21	30	72	51	43	33	15	13	19	50	81	59	50	38	18	16	7.4		1	0.1	180	54000	21	9	0.3			2.4	3.9	4.3		7930
	7930	91.4	10.5	23	34	80	57	47	35	15	13	15	40							6.4		1	0.1	280	54000	20	8.8	0.8			2.4	3.0	6.2		
	7930	81	10.5	23	34	80	57	47	35	15	13	15	40	93	64	52	38	14	13	6.4		6.4	0.1	280	54000	20	8.8	0.8			2.4	3.0	6.2		
17/08/91	7934	108	10.6	20	30	70	50	41	31	15	13	17	60							7		1	0.1	360	55000	21	7.9	0.8			2.5	3.8	5.2		8075
	7658	111	10.6	20	29	69	49	41	31	15	13	16	48							7		1	0.1	200	53500	21	9.1	0.5			2.5	2.9	7.1		
	8068	109	10.85	22	28	72	50	41	30	15	14	16	46	94	64	52	38	15	14	7		7	0.1	400	54000	20	8.6	0.8			2.5	4.7	5.4		
18/08/91	8104	111	10.8	18	29	65	47	39	30	14	13	17	68														8.5					0.0	1	8160
	8121	102	10.9	20	27	67	47	41	31	15	14	18	69							7.2		1	0.1	200	53500	21	9.2	0.4			2.6	5.1	4.9		
	8160	111	11.02	21	29	71	50	42	31	15	14	19	46							6.6		6.6	0.2	320	55000	20	8.7	0.5			2.6	5.0	5.9		
19/08/91	8173	115	11	19	32	70	51	43	33	17	16	23	53							6.8		1	0.1	200	55000	20	9.3	0.5			2.5	5.8	4.2	1	8209
	8206	117	11	20	30	70	50	42	32	17	16	27	63	73	52	43	33	17	16	6.7		1	0.1	400	56500	21	9.3	0.5			2.5	4.9	6.0		
	8209	90	11.6	21	32	74	53	44	33	18	17	27	66	89	62	51	37	21	19	7.4		7.4	0.1	200	56000	20	8.8	0.4			2.5	8.2	3.7		
20/08/91	8229	115	11.2	19	33	71	52	45	35	18	17	30	85	74	54	46	35	18	17	6.7		1	0.1	140	56500	21	9.2	0.5			2.4	5.3	6.8	1	8330
	8258	122	11.1	18	34	70	52	44	34	18	17	30	70	70	52	44	34	18	17	7		1	0.1	180	56500	19	8.6	0.3			2.4	5.5	5.6		
	8321	122	11	20	31	71	51	43	34	21	20	33	77	71	51	43	34	21	20	8.4		8.4	0.1	520	54000	20	8.5	0.3			2.4	4.8	6.4		
21/08/91	8403	127	10.8	15	25	55	40	34	26	15	14	20	68	54	39	33	26	15	14	8		1	0.1	180	55000	21	8.8	TRACE			2.6	4.4	5.5	2	8563
	8472	126	10.8	17	25	59	42	35	26	13	11	14	48	59	42	35	26	13	11	6.8		1	0.1	160	54500	19	9.2	0.3			2.6	5.3	3.6		
	8563	122	10.9	19	33	71	52	43	33	16	15	18	55	71	52	43	33	16	15	6.5		6.5	0.1	200	57500	19	8.5	0.2			2.6	6.0	2.8		
22/08/91	8665	129	10.8	18	28	64	46	39	29	15	14	21	60	63	45	38	29	15	14	7		1	0.1	180	55500	19	8.8	0.2			2.6	5.2	3.6	2	8813
	8731	135	10.7	19	30	68	49	41	32	16	15	20	62	65	47	40	31	16	15	7		1	0.1	160	55000	20	9.2	0.2			2.6	4.5	4.3		
	8813	N/A	10.7	19	32	70	51	45	35	20	19	30	83	N/A						7.8		7.8	0.1	200	57000	20	8.6				2.6	2.7	8.0		
23/08/91	8813	158	10.9	11	56	78	67	48	36	19	17	28	94	N/A						7.4		1	0.1	320	59500	20	8.5	0.3			2.6	5.0	4.7	2	8813
	8813	N/A	10.9	11	56	78	67	47	35	19	17	28	92	N/A						7.8		1	0.1	320	59500	20	8.5	0.5			2.6	5.0	4.7		

MUD TYPE: WATER BASE MUD WELL: 35/11-5 INTERVAL HOLE SIZE: 17.5 ins RIG: Sov. Explorer MUD COMPANY: M-I Norge

MINIMUM, MAXIMUM AND AVERAGE DATA:

4/8/91	3330	59	10.0	11	19	43	31	25	18	6	5	4	8	54	39	33	26	10	8	3		1.0	0.1	120	51000	2.2	6.5	0.15			1.7	2.7	0.1	1.3	3330
2/9/91	8813	158	11.6	23	56	89	67	57	44	21	20	33	94	102	76	65	50	21	20	8.4		8.4	0.2	960	64000	21	9.3	2.00			2.6	8.2	8.0	1.6	8813
	5483	104	10.6	18	31	68	49	41	31	14	12	16	43	77	56	47	35	16	15	6.02		2.3	0.1	332	56959	15.3	8.6	0.61			2.2	4.6	3.9	1.5	5483

MUD PROPERTIES DATABASE: Rheology measured at 120 °F Rheology measured at Flowline temp Mar-91

Date	Depth MD Ft	Temp FL °F	Mud Wt ppg	PV	YP	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	10sec Gel	10min Gel	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	API cc	HTHP cc	Cake 32nd	Pf cc	Calcium mg/l	Chlorides mg/l	MBT ppb	pH	Sand %vol	Oil %vol	Water %vol	Chem %vol	HGS %vol	LGS %vol	Hole Dev.	Depth ft 2400 hr
																																0.0		
24/08/91																																0.0	2	8813
	8813		10.9	11	56	78	67	47	35	19	17	28	92	N/A						7.8		1	0.1	320	59500	20	8.5	0.5			2.6	5.0	4.7		
																																0.0		
25/08/91																																0.0	2	8813
	8813		11	22	36	80	58	50	39	20	18	30	91	N/A						7.4		1	0.2	320	57000	20	8.6	0.3			2.6	5.7	4.1		
																																0.0		
26/08/91																																0.0	2	8813
	8813	124	11	22	36	80	58	50	39	20	18	30	91							7.4		1	0.1	320	61000	20	8.1	0.3			2.6	5.6	3.9		
																																0.0		
27/08/91																																0.0	2	8813
	8813	145	11	17	19	53	36	29	21	10	9	16	46							6		1	0.1	400	58000	20	9.2	0.4			2.2	5.5	4.7		
																																0.0		
28/08/91																																0.0	2	8813
	8813	124	11	17	19	53	36	28	20	10	8	15	45							6.2		1	0.1	400	60000	20	8.9	TRACE			2.2	5.5	4.6		
																																0.0		
29/08/91																																0.0	2	8813
	8813	120	11	17	19	53	36	28	20	10	8	15	46							6.1		1	0.1	400	59000	20	9	TRACE			2.2	5.5	4.6		
																																0.0		
30/08/91																																0.0	2	8813
	8813	59	11	17	19	53	36	28	20	10	8	15	46							6.2		1	0.1	400	59000	20	9	TRACE			2.2	5.5	4.6		
																																0.0		
31/08/91																																0.0	2	8813
	8813	59	11	17	19	53	36	28	20	10	8	15	46							6.2		1	0.1	400	59000	20	9	TRACE			2.2	5.5	4.6		
																																0.0		
1/09/91																																0.0	2	8813
	8813	59	11	17	19	53	36	28	20	10	8	15	46							6.3		1	0.1	400	59000	20	9	TRACE			2.2	5.5	4.6		
																																0.0		
2/09/91																																0.0	2	8813
																																0.0		
																																0.0		

Date: 12/12/91

MNSL INTERVAL MUD PROPERTIES SUMMARY

MUD TYPE: WATER BASE MUD WELL: 35/11-5 INTERVAL HOLE SIZE: 12.25 ins RIG: SOV. EXPLORER MUD COMPANY: MI GB LTD

MINIMUM, MAXIMUM AND AVERAGE DATA:

2/9/91	8760	70	11.0	15	17	50	35	29	21	7	6	6	21	52	36	30	21	9	8	3.3	14.0	1.0	0.1	120	47000	10	8.2	0.20	1.0		2.8	6.2	0.1	1.0	8908
26/10/91	12366	136	12.7	39	34	109	70	55	38	20	20	26	68	124	82	63	42	17	16	8	20.0	7.6	4.6	480	57000	20	12	1.00	1.0		3.9	14.6	5.4	1.5	12366
	3606	96	12.3	25	26	76	51	41	28	11	10	12	46	88	59	46	32	11	10	4.5	16.3	2.1	0.1	260	51782	13.8	8.7	0.30	1.0		3.5	12.0	1.6	1.3	3458

MUD PROPERTIES DATABASE: Rheology measured at 120 °F Rheology measured at Flowline temp Mar-91

Date	Depth MD Ft	Temp FL °F	Mud Wt ppg	PV	YP	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	10sec Gel	10min Gel	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	API cc	HTHP cc	Cake 32nd	Pf cc	Calcium mg/l	Chlorides mg/l	MBT ppb	pH	Sand %vol	Oil %vol	Water %vol	Chem %vol	HGS %vol	LGS %vol	Hole Dev.	Depth ft 2400 hr
2/09/91	8760	104	11	15	20	50	35	30	21	9	8	14	38	52	36	30	21	9	8	7.5	18.5	1	0.1	320	52000	20	8.9	TRACE			3.7	6.2	2.7		8908
	8842	109	11	15	21	51	36	30	21	9	8	16	39	52	37	30	21	9	8	7	16.4	1	0.2	440	56000	20	10	TRACE			3.7	6.2	2.5		
	8908	122	11	16	23	55	39	32	24	11	9	17	40							7.6	16.8	7.6	0.1	480	52000	19	10	TRACE			3.7	6.2	2.7		
3/09/91	9105	120	11.6	20	26	66	46	37	26	11	10	18	55	68	47	37	26	11	10	8	18.6	1	0.2	400	55000	17	9.3	TRACE			3.6	8.6	2.3		9289
	9187	117	12	20	22	62	42	35	25	12	10	22	56	64	43	35	25	12	10	7.2	16.6	1	0.1	480	53000	17	8.8	TRACE			3.6	8.9	5.3		
	9289	106	12	16	20	52	36	29	21	10	8	9	35	72	48	39	27	11	9	7.2	16.5	7.2	0.1	480	50000	14	8.9	TRACE			3.6	8.9	5.4		
4/09/91	9384	108	12	21	20	62	41	34	22	9	8	12	40	63	42	34	22	10	8	6.5		1	0.1	480	51000	17	8.4	TRACE	1.0		3.5	9.8	3.5		9413
	9413	109	12	19	21	59	40	33	22	9	8	14	41	61	52	33	22	9	8	6	16.4	1	0.1	360	52000	17	8.7	TRACE			3.5	9.7	3.5		
	9413	71	12	19	20	58	39	33	22	9	8	13	41							6.1	16.4	6.1	0.1	380	51000	17	8.6	TRACE			3.5	9.7	3.5		
5/09/91	9423	95	12.1	19	25	63	44	36	25	9	8	9	46							4.6	18.8	1	0.1	360	52000	17	8.3	TRACE			3.5	9.6	4.7		9430
	9430	70	12.1	19	25	63	44	35	25	9	8	9	44							4.8	18.8	1	0.1	360	52000	17	8.4	TRACE			3.5	9.6	4.7		
																																	0.0		
6/09/91	9439	91	12.1	18	22	58	40	32	23	9	8	15	42	60	41	32	23	9	8	5.4		1	0.1	360	51000	17	8.2	TRACE			3.7	9.6	4.5		9620
	9502	97	12.1	16	21	53	37	31	22	9	8	12	45							5		1	0.1	360	52000	15	8.6	TRACE			3.7	9.6	4.5		
	9620	97	12.1	18	23	59	41	33	23	9	7	9	42	61	43	34	24	10	8	6	18	6	0.1	360	52000	15	8.6	TRACE			3.7	9.6	4.5		
7/09/91	9666	97	12.1	17	20	54	37	30	21	8	7	8	38							5.6	17.4	1	0.1	380	52000	16	8.5	TRACE			3.7	10.5	2.5		9715
	9715	100	12.1	19	19	57	38	30	22	9	8	8	40	68	46	36	25	9	8	5.6	17.4	1	0.1	340	50000	15	8.8	TRACE			3.7	10.5	2.6		
	9715	82	12.1	19	19	57	38	30	22	9	8	8	39							5.7	17.6	5.7	0.1	340	50000	15	8.8	TRACE			3.7	10.5	2.6		
8/09/91	9735	95	12.1	21	26	68	47	38	26	9	7	10	48							5.5	18.2	1	0.1	320	50000	15	8.4	TRACE			3.7	10.5	2.6	1	9846
	9777	108	11.85	19	17	55	36	30	21	9	7	7	40							5.9	18.8	1	0.1	320	50000	15	8.9	TRACE			3.7	10.5	0.6		
	9830	108	11.85	17	21	55	38	31	22	10	8	9	50	65	44	34	23	10	9	5.8	19	5.8	0.1	320	49000	15	8.6	TRACE			3.7	10.5	0.6		
9/09/91	9876	120	11.85	21	23	65	44	36	26	11	9	12	53	65	44	36	26	11	9	6	20	1	0.1	340	51500	16	8.4	TRACE			3.8	10.6	0.3	1	9945
	9945	120	11.85	21	23	65	44	36	28	14	13	13	58	65	44	36	28	14	13	6.2	19.6	1	0.1	340	50000	17	8.6	TRACE			3.8	10.6	0.4		
	9945	100	11.85	21	23	65	44	36	28	14	13	13	56							6	19.8	6	0.1	340	50000	17	8.5	TRACE			3.8	10.6	0.4		
10/09/91	9948	113	11.85	20	24	64	44	37	28	13	12	14	60	64	44	37	28	13	12	5.7	20	1	0.1	360	51000	16	8.4	TRACE			3.8	9.7	2.3	1	9958
	9951	109	11.85	24	27	75	51	41	31	15	14	14	60							5.4	19	1	0.1	260	53000	16	9	TRACE			3.8	9.7	2.2		
	9958	95	11.85	22	26	70	48	39	29	14	12	14	62	81	53	43	30	15	14	5	17.8	5	0.1	320	52000	16	8.8	TRACE			3.8	9.7	2.2		
11/09/91	9971	108	11.85	24	24	72	48	38	27	12	10	12	51	72	48	38	27	12	10	4.8	18	1	0.1	280	50000	15	8.8	TRACE			3.9	10.7	0.3	1	10007
	10007	104	11.7	21	25	67	46	37	27	13	12	21	25	67	46	37	27	13	12	4.3	18	1	0.1	300	49000	15	8.8	TRACE			3.9	9.6	1.4		
	10007	99	11.7	22	24	68	46	37	27	13	12	11	54							4.3	17.6	4.3	0.1	320	49000	15	8.7	TRACE			3.9	9.6	1.4		
12/09/91	10017	93	11.7	20	24	64	44	36	26	11	10	12	50	78	56	42	31	14	13	4.5	16	1	0.1	280	47000	15	8.4	TRACE			3.8	9.6	1.5	1	10289
	10155	120	11.7	20	25	65	45	37	28	13	12	12	53	65	45	37	28	13	12	4.8	16	1	0.1	360	48000	15	8.8	TRACE			3.8	9.6	1.5		
	10270	124	11.7	22	28	72	50	41	30	13	12	14	59	72	50	41	30	13	12	5.4	18.4	5.4	0.1	260	47000	16	8.7	TRACE			3.8	9.6	1.5		
13/09/91	10345	129	11.7	22	29	73	51	42	31	14	13	15	63							5.2	19	1	0.1	260	50000	15	8.6	TRACE			3.8	9.6	1.4	1	10529
	10493	133	11.7	21	28	70	49	39	29	12	11	12	54	67	46	37	28	12	11	5.1	15.6	1	0.1	280	52000	14	8.5	TRACE			3.8	9.6	1.4		
	10529	136	11.7	24	29	77	53	43	31	16	15	16	51	77	53	43	31	16	15	5.2	15.5	5.2	0.1	240	53500	14	8.5	TRACE			3.8	9.5	1.3		
14/09/91	10542	100	11.7	22	29	73	51	42	30	13	12	12	53	85	62	50	35	14	13	4.8	16	1	0.1	260	53000	14	8.5	TRACE			3.7	9.5	1.4	1	10548
	10548	108	11.7	22	30	74	52	44	32	16	15	15	57	83	58	49	36	17	16	4.8	15.8	1	0.1	260	52000	14	8.5	TRACE			3.7	9.5	1.4		
	10548	108	12.5	24	26	74	50	41	29	14	13	13	52	82	56	45	32	15	14	4.9		4.9	0.1	240	52000	13	8.3	0.2			3.7	12.6	1.5		
15/09/91	10548	113	12.6	24	30	78	54	43	30	14	13	13	53	81	56	44	32	14	13	4.8		1	0.1	260	51000	13	8.3	0.3			3.7	13.2	0.9	1	10548
	10548	93	12.6	26	29	81	55	45	31	13	12	12	51							4.6		1	0.1	240	50000	14	8.4	0.3			3.7	13.2	1.0		
	10548	86	12.6	26	29	81	55	44	32	13	12	12	52							4.6		4.6	0.1	280	52000	14	8.4	0.2			3.7	12.4	2.8		
16/09/91	10548	86	12.6	27	28	82	55	44	32	13	12	13	53							4.64		1	0.1	260	53000	14	8.4	TRACE			3.7	12.3	2.7	1	10591
	10565	102	12.7	24	29	77	53	42	31	12	12	11	54	85	64	44	34	14	13	4.4	15.2	1	0.1	300	55000	15	8.4	0.3			3.7	13.9	0.1		
	10588	99	12.6	25	30	80	55	45	33	15	14	15	58	91	61	49	35	16	15	4.6	18	4.6	0.1	280	53000	14	8.3	0.3			3.7	12.3	2.7		
17/09/91	10607	91	12.6	24	28	76	52	42	30	14	13	15	56	87	60	47	33	15	14	4.8	17.6	1	0.1	280	53000	14	8.8	0.3			3.7	12.4	2.7	1	10647
	10630	91	12.7	23	32	78	55	45	33	15	14	15	67	90	62	50	37	16	15	4.6	19.6	1	0.1	280	54000	13	8.6	0.3			3.7	13.1	2.0		
	10647	90	12.6	26	28	80	54	43	31	14	13	13	54							4.6	18.8	4.6	0.1	280	53500	13	8.6	0.3			3.7	12.4	2.7		
18/09/91																																	0.0	1	10647
	10627	82	12.6	25	28	78	53	43	31	14	13	12	52							4.6	19	1	0.1	260	53000	13	8.5	0.3			3.7	13.2	0.8		
	10647	81	12.5	25	30	80	55	43	30	14	13	13	48	104	71	53	35	17	16	3.8	15	3.8	0.1	280	52500	13	8.5	0.3			3.7	12.5	1.5		
19/09/91	10657	82	12.6	26	24	76	50	41	29	13	12	12	47	99	66	51	34	14	13	4.1	15.2	1	0.1	280	53000	13	8.5	0.3			3.6	13.2	0.8	1	10673
	10673	79	12.6	24	29	77	53	42	29	11	10	10	50	101	70	52	34	13	12	4.1	15	1	0.1	280	51500	12	8.4	0.3			3.6	13.2	0.9		
	10673	81	12.6	25	28	78	53	43	30	12	11	11	48							4.2	14.8	4.2	0.1	280	53000	12	8.5	0.2			3.6	13.2	0.8		
20/09/91																																	0.0	1	10673
	10673	73	12.6	25	28	78	53	43	30	12	11	11	48							4.2	15	1	0.1	280	52500	12	8.5	0.2			3.6	13.2	0.9		
	10673	91	12.6	25	28	78	53	43	30	12	11	11	48							4.2	15.4	4.2	0.1	280	53000	12	8.5	0.3			3.6	13.2	0.8		
21/09/91	10689	84	12.6	25	23	73	48	39	27	12	11	11	46	92	61	47	32	12	11	4.3	15.2	1	0.1	300	52500	13	8.4	0.3			3.7	13.2	0.8	1	10729
	10712	82	12.6	24	25	73	49	39	28	12	11	11	46	92	60	47	32	12	11	4.4	15	1	0.1	380	53000	13	8.5	0.3			3.7	13.2	0.8		

MUD TYPE: WATER BASE MUD WELL: 35/11-5 INTERVAL HOLE SIZE: 12.25 ins RIG: SOV. EXPLORER MUD COMPANY: MI GB LTD

MINIMUM, MAXIMUM AND AVERAGE DATA:

2/9/91	8760	70	11.0	15	17	50	35	29	21	7	6	6	21	52	36	30	21	9	8	3.3	14.0	1.0	0.1	120	47000	10	8.2	0.20	1.0		2.8	6.2	0.1	1.0	8908
26/10/91	12366	136	12.7	39	34	109	70	55	38	20	20	26	68	124	82	63	42	17	16	8	20.0	7.6	4.6	480	57000	20	12	1.00	1.0		3.9	14.6	5.4	1.5	12366
	3606	96	12.3	25	26	76	51	41	28	11	10	12	46	88	59	46	32	11	10	4.5	16.3	2.1	0.1	260	51782	13.8	8.7	0.30	1.0		3.5	12.0	1.6	1.3	3458

MUD PROPERTIES DATABASE: Rheology measured at 120 °F Rheology measured at Flowline temp Mar-91

Date	Depth MD Ft	Temp FL °F	Mud Wt ppg	PV	YP	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	10sec Gel	10min Gel	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	API cc	HTHP cc	Cake 32nd	Pf cc	Calcium mg/l	Chlorides mg/l	MBT ppb	pH	Sand %vol	Oil %vol	Water %vol	Chem %vol	HGS %vol	LGS %vol	Hole Dev.	Depth ft 2400 hr
	10729	79	12.6	24	25	73	49	39	28	12	11	12	47	90	59	46	32	12	11	4.4	15.2	4.4	0.1	280	53000	12	8.7	0.4			3.7	13.2	0.8		
22/09/91																																	0.0	1	10726
	10726	72	12.6	28	28	84	56	45	32	14	13	13	53							4.4	17.4	1	0.1	280	53000	13	9	0.3			3.7	13.2	0.8		
	10726	72	12.6	28	28	84	56	45	32	14	13	14	54							4.4	18	4.4	0.1	280	53000	13	9.1	0.4			3.7	13.2	0.8		
23/09/91	10749	88	12.6	25	27	77	52	42	30	14	13	14	55	90	58	46	32	14	13	4.7	19.8	1	0.1	248	53000	12	8.8	0.3			3.7	13.2	0.8	1	10781
	10772	90	12.6	26	24	76	50	40	28	14	13	14	49	89	56	44	30	13	12	4.2	16.2	1	0.1	240	53000	12	8.7	0.2			3.7	13.2	0.8		
	10778	90	12.6	23	30	76	53	41	30	13	12	14	48	98	64	52	34	10	9	4.2	16	4.2	0.1	240	53000	12	8.5	0.2			3.7	13.2	0.8		
24/09/91																																	0.0	1	10785
	10785		12.6	25	26	76	51	41	29	13	12	13	49							4	15	1	0.1	280	53000	12	8.5	0.2			3.7	13.3	0.8		
	10785		12.6	24	28	76	52	40	29	13	12	14	46							4	15	4	0.1	240	53000	12	8.5	0.2			3.7	13.3	0.8		
25/09/91	10788	86	12.6	25	24	74	49	39	26	11	10	10	49	89	55	43	30	11	10	4.2	15	1	0.1	200	52000	11	8.6	0.2			3.7	13.2	0.9	1	10804
	10794	86	12.6	24	24	72	48	38	26	11	10	10	42	87	53	41	27	11	10	4.2	14.8	1	0.1	280	52000	11	8.9	0.2			3.7	13.2	0.9		
	10804	84	12.6	28	30	86	58	49	33	12	11	14	47	115	75	60	40	10	9	4.2	14.8	4.2	0.1	280	53000	13	8.7	0.2			3.7	13.2	0.8		
26/09/91	10837	88	12.6	25	23	73	48	38	27	12	11	10	43	92	58	45	31	11	10	4	15.2	1	0.1	240	52500	11	8.4	0.2			3.7	13.2	0.8	1	10840
	10840	90	12.6	26	26	78	52	41	29	13	12	12	47	95	61	40	29	12	11	4.1	15	1	0.1	240	53000	11	8.9	0.2			3.7	13.2	0.8		
	10840		12.6	25	28	78	53	41	30	13	12	12	47							4	15	4	0.1	240	53000	11	8.8	0.2			3.7	13.2	0.8		
27/09/91																																	0.0	1	10844
	10840		12.6	25	28	78	53	41	30	13	12	25	28							4	15	1	0.1	240	53000	11	8.7	0.2			3.7	13.2	0.8		
	10840	90	12.6	28	28	84	56	47	30	12	11	12	43	110	74	59	36	11	10	4	15.4	4	0.1	280	53000	11	8.4	0.3			3.7	13.2	0.8		
28/09/91	10899	95	12.6	23	29	75	52	43	31	12	11	17	47	100	67	53	36	9	8	4	15	1	0.1	280	52000	12	8.7	0.2			3.5	13.2	1.1	1	10919
	10919	97	12.6	24	26	74	50	42	29	12	11	17	49	99	66	53	36	10	9	4	15	1	0.1	280	53000	12	8.5	0.3			3.5	13.2	1.1		
	10919		12.6	23	25	71	48	41	27	11	10	15	47	97	65	51	33	9	8	3.8	14.8	3.8	0.1	280	53000	12	8.5	0.3			3.5	13.2	1.1		
29/09/91																																	0.0	1	10955
	10919	79	12.6	23	30	76	53	44	30	12	11	18	49	85	57	49	33	10	9	4	19	1	0.1	280	53000	12	8.3	0.2			3.5	13.2	1.1		
	10955	97	12.6	23	32	78	55	45	31	12	12	14	51	88	61	53	37	11	11	4.5	17	4.5	0.1	240	53000	12	9	0.3			3.5	13.2	1.1		
30/09/91	10975	97	12.6	26	23	75	49	42	30	11	10	11	48	91	61	49	33	10	9	3.8		1	0.1	280	49000	12	9	0.2			3.5	13.2	1.2	1	11008
	11001	97	12.6	26	30	82	56	43	30	11	10	14	48	92	62	49	33	10	9	3.4	15.4	1	0.1	280	49000	12	8.6	0.2			3.5	13.2	1.2		
	11008		12.6	25	29	79	54	42	29	11	10	12	47							3.4	15.8	3.4	0.1	280	49000	12	8.6	0.2			3.5	13.2	1.2		
1/10/91																																	0.0	1	11041
	11014	79	12.6	26	30	82	56	43	30	11	10	15	47	92	62	48	32	10	9	3.5	15.2	1	0.1	280	49000	12	8.5	0.2			3.5	13.2	1.3		
	11040		12.6	27	28	82	55	42	29	11	10	12	46							3.4	15	3.4	0.1	280	49000	12	8.5	0.2			3.5	13.2	1.3		
2/10/91	11041	100	12.6	23	24	70	47	39	27	11	10	14	48	86	57	46	30	9	8	3.4	14.6	1	0.1	280	50000	13		0.2			3.4	13.2	1.3	1	11103
	11041	100	12.6	23	26	72	49	40	28	11	10	14	47	87	58	46	30	9	8	3.4	14.6	1	0.1	280	50000	13		0.2			3.4	13.2	1.3		
	11103	93	12.6	23	29	75	52	43	31	12	11	11	48	90	62	50	33	10	9	4	15.8	4	0.1	280	50000	12		0.2			3.4	13.2	1.3		
3/10/91	11178	95	12.6	24	26	74	50	41	28	11	10	15	53	95	63	51	34	10	9	3.4		1	0.1	240	50000	12	8.6	0.2			3.5	13.2	1.2	1	11205
	11201	95	12.6	25	27	77	52	42	29	12	11	14	53	96	64	51	34	11	10	3.4	14.6	1	0.1	200	50000	12	9	0.3			3.5	13.2	1.2		
	11205		12.6	25	26	76	51	40	28	11	10	11	49							3.6	14.6	3.6	0.1	320	50000	12		0.2			3.5	13.2	1.2		
4/10/91	11218	91	12.6	24	29	77	53	42	28	11	10	15	55	95	63	51	34	10	9	3.4	14.6	1	0.1	200	49000	12	8.6	0.2			3.4	13.2	1.3	2	11300
	11247	90	12.6	23	26	72	49	40	29	11	10	9	50	101	65	50	34	9	8	4.2	16	1	0.1	240	50000	12	8.3	0.2			3.4	13.2	1.3		
	11300	90	12.6	27	27	81	54	43	31	11	10	10	57	93	60	48	33	12	11	3.7	15.4	3.7	0.1	280	50000	12	8.9	0.2			3.4	13.2	1.3		
5/10/91	11536	90	12.6	26	30	82	56	46	33	12	11	10	65	108	69	53	35	11	10	4.2	15.6	1	0.1	220	50000	14	8.3	0.3			3.4	13.2	1.2	1	11667
	11611	93	12.6	26	29	81	55	45	32	12	11	10	65	108	72	57	39	10	9	4.1	15.2	1		280	49000	15	8.2	0.4			3.4	13.2	1.3		
	11648	93	12.6	25	27	77	52	42	30	11	10	10	65	94	62	49	34	11	10	3.8	15.8	3.8	0.1	200	52000	15	8.5	0.3			3.4	13.2	1.2		
6/10/91																																	0.0	1	11700
	11693	104	12.6	25	25	75	50	40	28	11	10	8	53	90	61	47	32	11	10	3.8	15.8	1	0.1	160	52000	14	9	0.3			3.4	13.2	1.2		
	11700	82	12.6	25	26	76	51	40	29	11	10	8	54							3.9	15.6	3.9	0.1	180	52000	14	8.8	0.3			3.4	13.2	1.2		
7/10/91																																	0.0	1	11884
	11749	90	12.6	28	30	86	58	49	36	12	11	14	58	106	75	58	36	11	10	4	16.4	1	0.1	220	51000	15	8.5	0.4			3.4	13.2	1.2		
	11851	86	12.6	27	27	81	54	43	30	12	11	9	55	96	63	50	35	12	11	3.8	15.4	3.8	0.1	150	47000	15	8.8	0.3			3.4	13.2	1.4		
8/10/91	11930	88	12.6	28	29	85	57	45	31	11	10	9	54	100	70	52	35	10	9	3.8	15	1	0.1	160	52000	14	8.9	0.3			3.4	13.1	1.3	1	12110
	12038	97	12.6	36	24	96	60	48	32	9	8	7	52	100	70	55	37	9	8	3.6	14.6	1	0.1	160	53000	14	8.8	0.3			3.4	13.1	1.2		
	12100	104	12.6	28	30	86	58	46	32	12	11	9	53	98	62	50	34	11	10	3.6	14.8	3.6	0.1	160	53000	15	9	0.3			3.4	13.1	1.2		
9/10/91	12163	109	12.6	28	30	86	58	46	33	12	11	10	54	106	70	55	36	10	9	3.8	14.6	1	0.1	160	52000	15	9	0.3			3.3	13.1	1.4	1	12366
	12333	109	12.6	28	30	86	58	46	32	11	10	8	53	104	69	54	36	10	9	4.2	15.4	1		200	53000	14	8.2	0.3			3.3	13.1	1.3		
	12366	100	12.6	29	27	85	56	45	31	11	10	8	48	97	61	49	34	11	10	3.7	14.6	3.7	0.1	160	52000	15	8.8	0.3			3.3	13.1	1.4		
10/10/91	12360	100	12.6	31	28	90	59	47	32	12	11	8	43	106	71	55	36	10	9	3.7	14.4	1	0.1	160	52000	15	8.7	0.3			3.2	13.1	1.5	1	12366
	12366		12.6	28	29	85	57	45	31	11	10	8	40							3.8	15.4	1	0.1	140	52000	14	9.1	0.3			3.2	13.1	1.5		
																																0.0		
11/10/91																																	0.0	1	12366

MUD TYPE: WATER BASE MUD WELL: 35/11-5 INTERVAL HOLE SIZE: 12.25 ins RIG: SOV. EXPLORER MUD COMPANY: MI GB LTD

MINIMUM, MAXIMUM AND AVERAGE DATA:

2/9/91	8760	70	11.0	15	17	50	35	29	21	7	6	6	21	52	36	30	21	9	8	3.3	14.0	1.0	0.1	120	47000	10	8.2	0.20	1.0		2.8	6.2	0.1	1.0	8908
26/10/91	12366	136	12.7	39	34	109	70	55	38	20	20	26	68	124	82	63	42	17	16	8	20.0	7.6	4.6	480	57000	20	12	1.00	1.0		3.9	14.6	5.4	1.5	12366
	3606	96	12.3	25	26	76	51	41	28	11	10	12	46	88	59	46	32	11	10	4.5	16.3	2.1	0.1	260	51782	13.8	8.7	0.30	1.0		3.5	12.0	1.6	1.3	3458

MUD PROPERTIES DATABASE: Rheology measured at 120 °F | Rheology measured at Flowline temp | Mar-91

Date	Depth MD Ft	Temp FL °F	Mud Wt ppg	PV	YP	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	10sec Gel	10min Gel	600 rpm	300 rpm	200 rpm	100 rpm	6 rpm	3 rpm	API cc	HTHP cc	Cake 32nd	Pf cc	Calcium mg/l	Chlorides mg/l	MBT ppb	pH	Sand %vol	Oil %vol	Water %vol	Chem %vol	HGS %vol	LGS %vol	Hole Dev.	Depth ft 2400 hr
	12366		12.6	29	28	86	57	46	31	11	10	8	41							3.9	15.2	1	0.1	150	52000	14	9.1	0.3			3.2	13.1	1.5		
																																0.0		
12/10/91	12366	90	12.6	29	30	88	59	47	33	11	10	9	53	101	69	55	37	11	10	3.8	15.4	1	0.1	150	52000	15	9.1	0.3			3.1	13.0	1.6	1	12366
	12366	86	12.6	30	28	88	58	46	32	11	10	8	45	100	67	55	36	11	10	3.6	15	1	0.1	160	52000	14	9.2	0.3			3.1	13.0	1.6		
	12366		12.6	30	29	89	59	47	33	11	10	10	44							3.7	15.2	3.7	0.1	160	52000	15	8.9	0.3			3.1	13.0	1.6		
13/10/91	12366	73	12.6	39	31	109	70	55	38	12	11	10	46	124	82	63	42	13	12	3.9	15.8	1	0.1	160	52000	16	8.9	1			3.1	12.2	3.6	1	12366
	12366	111	12.6	30	27	87	57	45	31	10	9	7	40	96	63	49	32	10	9	4	15.2	1	0.1	140	52000	14	9	0.5			3.1	13.0	1.7		
	12366		12.6	31	29	91	60	47	32	11	10	11	38							4	15.2	4	0.1	160	52000	15	8.8	0.3			3.1	13.0	1.7		
14/10/91																																0.0	1	12366
	12366		12.6	31	29	91	60	47	32	11	10	10	38							4	15.2	1	0.1	160	52500	14	8.8	0.3			3.1	13.0	1.6		
																																0.0		
15/10/91	12366	108	12.2	28	23	79	51	42	28	10	9	10	32	87	56	46	31	10	9	3.9	15.2	1	0.1	160	53000	12	8.9	0.4			2.8	11.8	1.0	1	12366
	12366	118	12.6	30	21	81	51	39	25	9	8	6	26	86	51	39	25	9	8	4.2	15.4	1	0.1	180	57000	14	9	0.5			2.8	14.6	-2.0		
	12366		12.2	32	19	83	51	39	25	9	8	8	22							4	15.2	4	0.1	160	53000	12	8.9	0.3			2.8	11.8	1.0		
16/10/91																																0.0	1	12366
	12366		12.2	32	19	83	51	30	25	9	8	8	22							4	15.4	1	0.1	160	52500	12	8.9	0.3			2.8	11.8	1.0		
	12366		12.2	32	19	83	51	39	25	9	8	8	21							4	15.2	4	0.1	160	52500	12	8.9	0.3			2.8	11.8	1.0		
17/10/91	12366	82	12.2	31	24	86	55	43	29	8	7	7	34	98	65	49	34	9	8	4.2	15.4	1	0.1	160	52500	12	8.6	0.5			2.9	11.9	0.9	1	12366
	12366	95	12.2	34	24	92	58	44	29	9	8	7	26	105	66	50	33	9	8	3.8	15	1	0.1	180	52000	12	8.8	0.5			2.9	11.9	0.9		
																																0.0		
18/10/91	12366		12.2	28	19	75	47	37	24	8	7	8	22							3.8	14.8	1	0.1	160	52500	12	8.6	0.6			2.9	11.9	0.9	1	12366
																																0.0		
																																0.0		
19/10/91																																0.0	1	12366
	12366		12.2	28	22	78	50	38	25	8	7	8	24							4	15.4	1	0.1	160	52500	12	8.9	0.5			2.9	11.8	1.0		
																																0.0		
20/10/91																																0.0	1	12366
	12366		12.2	28	22	78	50	38	25	8	7	8	24							4	15.4	1	0.1	160	52500	12	8.9	0.5			2.9	11.8	1.0		
																																0.0		
21/10/91																																0.0	1	12366
	12366		12.2	28	23	79	51	39	25	7	6	7	22							4	15.8	1	0.1	180	53000	10	8.6	0.5			2.8	11.8	1.0		
																																0.0		
22/10/91																																0.0	1	12366
	12366	73.4	12.2	26	22	74	48	38	24	7	6	9	25							4	17.8	1	0.1	200	53000	12	8.6	0.4			2.8	11.8	1.0		
	12366	89.6	12.35	28	23	79	51	39	26	7	6	8	27							3.8	17.8	3.8	0.1	200	53000	12	8.6	0.5			2.8	12.9	-0.1		
23/10/91	12366	91	12.4	30	23	83	53	39	25	7	9	8	22							3.7	19	1	0.1	200	53000	12	8.9	0.5			2.9	13.3	-0.4	1	12366
	12366		12.4	32	19	83	51	38	24	7	6	8	22							3.7		1	0.1	200	53000	12	8.8	0.5			2.9	13.3	-0.4		
																																0.0		
24/10/91																																0.0	1	12366
	12366		12.36	33	18	84	51	38	24	7	6	7	21							3.3	14	1	0.1	220	53000	12	8.7	0.5			2.8	13.0	-0.1		
																																0.0		
25/10/91	9197		12.4	33	34	100	67	55	38	20	20	26	68							6.7		2	4.6	120	53000	12	12	0.5			3.0	13.3	-0.6	1	12366
																																0.0		
																																0.0		
26/10/91																																0.0	1	12366
																																0.0		
																																0.0		

INTERVAL - MATERIAL & SERVICE CONSUMPTION

WELL NUMBER:	35/11- 5
HOLE INTERVAL:	36"

MENI Form Jun/91

PRODUCT NAME	NET UNIT SIZE Kg	UNIT COST NOK	NON MUD SYSTEM UNITS USED			UNITS USED MUD SYSTEM	GROSS TOTAL UNITS	LIQUID MUD UNITS TRANS/RET	NET TOTAL UNITS	TOTAL COST NOK
			DAMAGED & SHORT A	CEMENT & OTHER B	TOTAL NON MUD A + B = C	D	D + C = E	F	E - F	
Barite	1000.00	624.20	12.00		12.00	47.00	59.00	47.00	12.00	7490.40
Bentonite	1000.00	1892.00				39.00	39.00	22.00	17.00	32164.00
Caustic Soda	25.00	117.10				12.00	12.00	7.00	5.00	585.50
Lime	20.00	48.38				5.00	5.00	2.00	3.00	145.14
Soda Ash	25.00	58.30				9.00	9.00	5.00	4.00	233.20

ENGINEERING	N/Day	DAYS	Tt COST	
1st Engineer	4000.00	11.00	44000.00	**(June 20 to 30)**
2nd Engineer	3900.00	7.00	27300.00	**(June 24 to 30)**

MATERIALS COST SUB-TOTAL :	**40618.24**
ENGINEERING SERVICE COST:	**71300.00**
TOTAL INTERVAL MUD COST:	**111918.24**

INTERVAL - MATERIAL & SERVICE CONSUMPTION

WELL NUMBER:	35/11-5
HOLE INTERVAL:	26"

MENI Form Jun/91

PRODUCT NAME	NET UNIT SIZE Kg	UNIT COST NOK	NON MUD SYSTEM UNITS USED			UNITS USED MUD SYSTEM D	GROSS TOTAL UNITS D + C = E	LIQUID MUD UNITS TRANS/RET F	NET TOTAL UNITS E - F	TOTAL COST NOK
			DAMAGED & SHORT A	CEMENT & OTHER B	TOTAL NON MUD A + B = C					
Barite	1000.00	624.20	6.00		6.00	47.00	53.00	0.00	53.00	33082.60
Bentonite	1000.00	1892.00	11.00	3.00	14.00	113.00	127.00	20.00	107.00	202444.00
Caustic Soda	25.00	117.10				46.00	46.00	7.00	39.00	4566.90
Soda Ash	25.00	58.30				40.00	40.00	6.00	34.00	1982.20
Lime	20.00	48.38				36.00	36.00	1.00	35.00	1693.30
XCD Polymer	25.00	1696.00				1.00	1.00	0.00	1.00	1696.00

Note: Consumption includes kill mud.

ENGINEERING	N/Day	DAYS	Tt COST	
1st Engineer	4000.00	18.00	72000.00	Jul 1 to 18/91
2nd Engineer	3900.00	18.00	70200.00	Jul 1 to 18/91

MATERIALS COST SUB-TOTAL :	245465.00
ENGINEERING SERVICE COST:	142200.00
TOTAL INTERVAL MUD COST:	387665.00

INTERVAL - MATERIAL & SERVICE CONSUMPTION

WELL NUMBER:	35/11-5 A
HOLE INTERVAL:	36"

MENI Form Jun/91

PRODUCT NAME	NET UNIT SIZE Kg	UNIT COST NOK	NON MUD SYSTEM UNITS USED			UNITS USED MUD SYSTEM D	GROSS TOTAL UNITS D + C = E	LIQUID MUD UNITS TRANS/RET F	NET TOTAL UNITS E - F	TOTAL COST NOK
			DAMAGED & SHORT A	CEMENT & OTHER B	TOTAL NON MUD A + B = C					
Bentonite	1000.00	1892.00				55.00	55.00	31.00	24.00	45408.00
Caustic Soda	25.00	117.10				13.00	13.00	7.00	6.00	702.60
Soda Ash	25.00	58.30				18.00	18.00	10.00	8.00	466.40
Lime	20.00	48.38				2.00	2.00	0.00	2.00	96.76

ENGINEERING	N/Day	DAYS	Tt COST	
1st Engineer	4000.00	2.00	8000.00	Jul 19 to 20/91
2nd Engineer	3900.00	2.00	7800.00	Jul 19 to 20/91

MATERIALS COST SUB-TOTAL :	**46673.76**
ENGINEERING SERVICE COST:	**15800.00**
TOTAL INTERVAL MUD COST:	**62473.76**

INTERVAL - MATERIAL & SERVICE CONSUMPTION

WELL NUMBER: 35/11-5
HOLE INTERVAL: 26"

MENI Form Jul/91

PRODUCT NAME	NET UNIT SIZE Kg	UNIT COST NOK	NON MUD SYSTEM UNITS USED			LIQUID MUD UNITS RECEIVED D	UNITS USED MUD SYSTEM E	GROSS TOTAL UNITS C+D+E=F	LIQUID MUD UNITS TRANS/RET G	NET TOTAL UNITS F-G=H	TOTAL COST NOK
			DAMAGED & SHORT A	CEMENT & OTHER B	TOTAL NON MUD A + B = C						
Barite	1000.00	624.20	10.00		10.00		374.00	384.00	12.00	372.00	232202.40
Bentonite	1000.00	1892.00		3.00	3.00	31.00	77.00	111.00	3.50	107.50	203390.00
Caustic Soda	25.00	117.10				7.00	14.00	21.00	1.00	20.00	2342.00
Soda Ash	25.00	58.30				10.00	29.00	39.00	1.00	38.00	2215.40
Lime	20.00	48.38					11.00	11.00		11.00	532.18

ENGINEERING	N/Day	DAYS	Tt COST
1st Engineer	4000.00	14.00	56000.00
2nd Engineer	3900.00	14.00	54600

MATERIALS COST SUB-TOTAL :	440681.98
ENGINEERING SERVICE COST:	110600.00
TOTAL INTERVAL MUD COST:	551281.98

INTERVAL - MATERIAL & SERVICE CONSUMPTION

WELL NUMBER: 35/11 - 5
HOLE INTERVAL: 17.5"

MENI Form Jul/91

PRODUCT NAME	NET UNIT SIZE Kg	UNIT COST NOK	NON MUD SYSTEM UNITS USED			LIQUID MUD UNITS RECEIVED D	UNITS USED MUD SYSTEM E	GROSS TOTAL UNITS C+D+E=F	LIQUID MUD UNITS TRANS/RET G	NET TOTAL UNITS F-G=H	TOTAL COST NOK
			DAMAGED & SHORT A	CEMENT & OTHER B	TOTAL NON MUD A + B = C						
Barite	1000.00	624.20				12.00	335.00	347.00	132.48	214.52	133903.38
Bentonite	1000.00	1892.00		2.00	2.00	3.50	7.00	10.50	6.41	4.09	7738.28
Soda Ash	25.00	58.30				1.00	1.00	2.00	1.43	0.57	33.23
XCD Polymer	25.00	1696.00					319.00	319.00	180.11	138.89	235557.44
Polysal	25.00	156.70					421.00	421.00	208.14	212.86	33355.16
Antisol Regular	25.00	671.80					64.00	64.00	36.09	27.91	18749.94
Antisol Superlo	25.00	671.80					142.00	142.00	82.30	59.70	40106.46
Polyplus	22.68	706.70					140.00	140.00	65.12	74.88	52917.70
Pot. Hydroxide	25.00	170.70					259.00	259.00	204.67	54.33	9274.13
Tackle Plus	25.00	570.50					148.00	148.00	108.54	39.46	22511.93
Potassium Bicarb	25.00	229.50					97.00	97.00	59.29	37.71	8654.45
Bacban 3	5.00	1407.00					6.00	6.00	5.33	0.67	942.69
Pot. Chloride	25.00	44.30					600.00	600.00	0.00	600.00	26580.00
KCL Brine	182.50	555.70					682.00	682.00	399.84	282.16	156796.31
Caustic Soda	25.00	117.10					1.00	1.00	0.00	1.00	117.10

ENGINEERING	N/Day	DAYS	Tt COST
1st Engineer	4000.00	29.00	116000.00
2nd Engineer	3900.00	29.00	113100.00

MATERIALS COST SUB-TOTAL :	747238.20
ENGINEERING SERVICE COST:	229100.00
TOTAL INTERVAL MUD COST:	976338.20

INTERVAL - MATERIAL & SERVICE CONSUMPTION

WELL NUMBER:	35/11-5
HOLE INTERVAL:	12.25"

MENI Form Jun/91

PRODUCT NAME	NET UNIT SIZE Kg	UNIT COST NOK	NON MUD SYSTEM UNITS USED			UNITS USED MUD SYSTEM D	GROSS TOTAL UNITS D + C = E	LIQUID MUD UNITS TRANS/RET F	NET TOTAL UNITS E - F	TOTAL COST NOK
			DAMAGED & SHORT A	CEMENT & OTHER B	TOTAL NON MUD A + B = C					
Antisol Regular	25	671.8				71.10	71.10		71.10	47764.98
Antisol Superlo	25	671.8				344.30	344.30		344.30	231300.74
Bacban 3	5	1407				31.00	31.00		31.00	43617.00
Barite	1000	624.2	13.00			680.50	693.50		693.50	432882.70
Bentonite	1000	1892				6.40	6.40		6.40	12108.80
Brine	BBL	88.34				3291.00	3291.00		3291.00	290726.94
Calcium Carbonate	25	59				5.00	5.00		5.00	295.00
Caustic Soda	25	117.1				1.00	1.00		1.00	117.10
Citric Acid	25	259.5				35.00	35.00		35.00	9082.50
Delta-P	11.34	148				16.00	16.00		16.00	2368.00
Nutplug (Fine)	25	85.8				25.00	25.00		25.00	2145.00
Polyplus	22.68	706.7				141.10	141.10		141.10	99715.37
Polysal	25	156.7				243.10	243.10		243.10	38093.77
Potassium Bicarb.	25	229.5				144.30	144.30		144.30	33116.85
Pot. Hydroxide	25	170.7				327.70	327.70		327.70	55938.39
Silicon Defoamer	200	4305				1.00	1.00		1.00	4305.00
Soda Ash	25	58.3				1.40	1.40		1.40	81.62
Tackle Plus	25	570.5				109.50	109.50		109.50	62469.75
XCD Polymer	25	1696				191.10	191.10		191.10	324105.60

ENGINEERING	N/Day	DAYS	Tt COST
1st Engineer	4000.00	55.00	220000.00
2nd Engineer	3900.00	55.00	214500.00

MATERIALS COST SUB-TOTAL :	1690235.11
ENGINEERING SERVICE COST:	434500.00
TOTAL INTERVAL MUD COST:	2124735.11

U-687 .3

GEOLAB NOR

Geochemical Report for

Well NOCS 35/11-5

Vol I

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Date : 31.01.92

Chapter 1

INTRODUCTION

Well NOCS 35/11-5 was analysed on the behalf of Mobil Exploration Norway by authorization of Dag Isaksen.

The well is located in the Norwegian sector of the North Sea and is situated north-west of the Troll gas field. The well is located at 61°04'45.6"N, 03°23'53.5"E. The water depth was 355.5 m and KB elevation was 26.5 m. All depths given are relative to KB unless otherwise specified. The location of the well is shown in Figure 1.

Samples (cuttings, side-wall cores, conventional cores and "oil") were supplied by Mobil and delivered to Geolab Nor's laboratory in Trondheim. A preliminary stratigraphy based on seismic and biostratigraphic data to date was provided by Mobil and is used in this report. Note that this stratigraphy may deviate somewhat from the final stratigraphy.

Both screening and follow-up analyses were performed. Samples for analyses were selected in agreement with Dag Isaksen on a continuous basis. The well was analyzed from 1020 m to 3769 m (range of samples supplied to Geolab Nor). Conventional core samples were preferred for analyses where available and side-wall cores were preferred to cuttings samples. Two "oil" samples (2888.5 m and 3214.5 m) were also analyzed. The results are presented in the relevant stratigraphic sections in the report.

1.1 General Comments

The cuttings samples were supplied unwashed in cans. The samples were analysed for headspace and occluded gas, washed and described by Geolab Nor and the samples were picked before analyses commenced. The conventional core samples were supplied as core-chips which were used as they were after cleansing of any superficial contamination. The side-wall cores were cleansed of drill mud before analyses.

The quality of the rock samples was good. No analytical problems were encountered.

1.2 Analytical Program

In accordance with the contract, sample availability and the screening analyses results, the following analytical program was executed for Well NOCS 35/11-5 in the section from 1020 m to 3769 m:

Analysis type	No of samples	Figures	Tables
Headspace and Occluded Gas	125	2a-c	1a-c
Lithology description	411	3	2
Rock-Eval pyrolysis	28	4a,5a,6	3
Thermal extraction GC (GHM, S_1)	1		
Pyrolysis GC (GHM, S_2)	1	9	4
Quantitative GHM (S_1 and S_2), wellsite	295	4b,4c,5b 7a-g,8a-d	5
Soxhlet Extraction of organic matter	22		
MPLC/HPLC separation	22		6a-e
Whole oil GC	2		
Saturated hydrocarbon GC	22	10a-f	7
Aromatic hydrocarbon GC	22	11a-g	8

Vitrinite reflectance	27	12	9
Visual kerogen microscopy	17		1310
Isotope composition C_{15}+ fractions	15	14,15	11a-b
GC - MS of saturated and aromatic HC	15	16a-j	12a-i
GC - MS cross-plots		17a-e	

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
1060.00	61284	697	437	252	41	27	62711	1427	2.3	6.15
1100.00	37664	206	199	137	13	15	38219	555	1.5	10.54
1140.00	23201	158	174	145	17	55	23695	494	2.1	8.53
1180.00	36084	224	238	178	28	82	36752	668	1.8	6.36
1220.00	16466	144	143	95	22	52	16870	404	2.4	4.32
1260.00	13706	128	105	57	14	13	14010	304	2.2	4.07
1300.00	2281	83	129	101	30	42	2624	343	13.1	3.37
1340.00	8894	132	133	75	20	21	9254	360	3.9	3.75
1380.00	17862	261	158	51	16	11	18348	486	2.7	3.19
1420.00	30783	399	213	65	21	13	31481	698	2.2	3.10
1460.00	17279	242	107	25	11	9	17664	385	2.2	2.27
1500.00	9609	126	85	30	13	11	9863	254	2.6	2.31
1540.00	11691	84	45	15	10	8	11845	154	1.3	1.50
1580.00	9762	107	46	10	7	4	9932	170	1.7	1.43
1620.00	11766	156	54	10	6	3	11992	226	1.9	1.67
1660.00	29740	13711	4687	943	528	1646	49609	19869	40.1	1.79
1700.00	4734	80	51	17	7	5	4889	155	3.2	2.43
1740.00	8006	135	78	18	12	8	8249	243	3.0	1.50
1780.00	8251	156	155	32	58	49	8652	401	4.6	0.55
1820.00	3902	8	82	18	40	24	4050	148	3.7	0.45
1860.00	1190	29	32	8	17	17	1276	86	6.7	0.47
1900.00	1456	37	24	6	8	7	1531	75	4.9	0.75
1940.00	1298	34	20	7	4	5	1363	65	4.8	1.75

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
1980.00	1464	35	16	7	3	3	1525	61	4.0	2.33
2020.00	2062	44	24	12	6	5	2148	86	4.0	2.00
2060.00	1084	32	21	12	6	4	1155	71	6.2	2.00
2100.00	43	3	3	3	1	1	53	10	18.9	3.00
2140.00	1286	31	15	7	4	3	1343	57	4.2	1.75
2180.00	2608	47	20	7	3	3	2685	77	2.9	2.33
2220.00	1537	39	16	6	3	2	1601	64	4.0	2.00
2260.00	649	23	13	5	3	2	693	44	6.4	1.67
2300.00	728	32	19	9	4	3	792	64	8.1	2.25
2340.00	1125	64	39	16	8	4	1252	127	10.1	2.00
2380.00	1688	83	55	30	12	8	1868	180	9.6	2.50
2420.00	1220	67	45	23	9	7	1364	144	10.6	2.56
2460.00	1130	51	32	15	6	10	1234	104	8.4	2.50
2500.00	464	38	41	20	8	5	571	107	18.7	2.50
2518.00	694	41	51	25	10	6	821	127	15.5	2.50
2536.00	408	18	22	13	5	20	466	58	12.5	2.60
2554.00	850	69	80	27	12	4	1038	188	18.1	2.25
2572.00	1013	60	51	18	8	3	1150	137	11.9	2.25
2581.00	245	32	48	11	13	10	349	104	29.8	0.85
2599.00	246	45	63	14	9	1	377	131	34.8	1.56
2617.00	2970	376	307	41	37	2	3731	761	20.4	1.11
2635.00	3390	368	298	44	61	13	4161	771	18.5	0.72
2671.00	4229	488	916	203	436	454	6272	2043	32.6	0.47

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 / nC4
2680.00	21303	2664	4110	726	1799	740	30602	9299	30.4	0.40
2689.00	26469	8697	15565	2167	6142	2525	59040	32571	55.2	0.35
2707.00	2771	1062	2828	419	1637	815	8717	5946	68.2	0.26
2725.00	24306	11692	39481	5783	25567	13643	106829	82523	77.3	0.23
2743.00	58483	15630	33918	3645	17326	7758	129002	70519	54.7	0.21
2761.00	41564	11605	20965	2074	9975	4284	86183	44619	51.8	0.21
2779.00	31735	10300	18668	1720	8138	3095	70561	38826	55.0	0.21
2797.00	25929	8650	15801	1384	6145	2023	57909	31980	55.2	0.23
2815.00	33971	14023	24475	2006	9256	3386	83731	49760	59.4	0.22
2833.00	32361	14329	26003	2292	10340	4183	85325	52964	62.1	0.22
2851.00	31176	16281	30203	2803	12082	5220	92545	61369	66.3	0.23
2869.00	31860	15908	28335	3039	12302	4734	91444	59584	65.2	0.25
2887.00	60823	17565	20323	2486	8967	4886	110164	49341	44.8	0.28
2896.00	90554	26296	19826	1904	6082	3279	144662	54108	37.4	0.31
2905.00	67568	16237	9291	880	2587	2209	96563	28995	30.0	0.34
2914.00	69360	23783	15423	1661	4433	3594	114660	45300	39.5	0.37
2923.00	27242	9462	6887	666	1705	720	45962	18720	40.7	0.39
2932.00	27428	11514	10345	1121	2926	17090	53334	25906	48.6	0.38
2941.00	34949	8397	6373	555	1447	448	51721	16772	32.4	0.38
2950.00	64438	18150	13459	1045	3028	1215	100120	35682	35.6	0.35
2959.00	26135	11664	9546	689	2250	1240	50284	24149	48.0	0.31
2977.00	85666	28676	22597	1690	4655	1489	143284	57618	40.2	0.36
2995.00	25577	8035	6044	424	1247	373	41327	15750	38.1	0.34

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wetness	iC4/nC4
3013.00	11435	6937	7253	541	1798	792	27964	16529	59.1	0.30
3031.00	11540	7656	14589	159	549	2985	34493	22953	66.5	0.29
3049.00	14515	12348	19865	176	719	4554	47623	33108	69.5	0.24
3067.00	24848	17588	23738	188	823	4934	67185	42337	63.0	0.23
3085.00	16463	14611	21228	171	755	4278	53228	36765	69.1	0.23
3103.00	21944	14777	19079	166	699	4142	56665	34721	61.3	0.24
3121.00	15616	11666	15635	1269	5394	2535	49580	33964	68.5	0.24
3139.00	10711	9721	14930	1300	5555	2813	42217	31506	74.6	0.23
3157.00	16535	15866	26348	2421	10327	5167	71497	54962	76.9	0.23
3175.00	11152	10606	15853	1324	5718	3351	44653	33501	75.0	0.23
3184.00	10925	7515	10256	868	3467	1892	33031	22106	66.9	0.25
3193.00	17040	9087	9230	757	2858	1094	38972	21932	56.3	0.26
3202.00	15213	8430	8231	636	2372	882	34882	19669	56.4	0.27
3211.00	32905	11386	9686	863	2645	1118	57485	24580	42.8	0.33
3220.00	779	114	91	8	77	88	1069	290	27.1	0.10
3229.00	59711	9364	3070	388	897	747	73430	13719	18.7	0.43
3238.00	181898	32659	9940	1168	2020	2286	227685	45787	20.1	0.58
3247.00	136783	25380	11085	1492	3053	4077	177793	41010	23.1	0.49
3256.00	86404	14212	4724	333	705	913	106378	19974	18.8	0.47
3265.00	354935	41166	13173	1344	2562	2732	413180	58245	14.1	0.52
3274.00	79440	12678	4274	380	643	589	97415	17975	18.5	0.59
3283.00	89480	15090	6267	715	1464	1185	113016	23536	20.8	0.49
3292.00	170024	23453	8089	673	1371	1595	203610	33586	16.5	0.49

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
3301.00	11285	6266	3618	409	739	827	22317	11032	49.4	0.55
3310.00	4313	1478	1693	254	759	2504	8497	4184	49.2	0.33
3319.00	3581	1463	1253	164	589	1422	7050	3469	49.2	0.28
3328.00	31125	9549	12448	2254	7158	22044	62534	31409	50.2	0.31
3337.00	1219	431	585	109	421	1364	2765	1546	55.9	0.26
3355.00	658	310	522	108	399	1496	1997	1339	67.1	0.27
3373.00	17506	3899	2948	512	1400	2060	26265	8759	33.4	0.37
3391.00	1527	979	969	122	311	535	3908	2381	60.9	0.39
3409.00	3245	2618	4092	858	2049	1598	12862	9617	74.8	0.42
3427.00	4532	2260	2527	476	1188	2019	10983	6451	58.7	0.40
3445.00	1578	882	976	189	460	567	4085	2507	61.4	0.41
3463.00	2805	916	769	137	306	400	4933	2128	43.1	0.45
3481.00	2318	900	739	111	257	522	4325	2007	46.4	0.43
3499.00	465	310	244	30	80	264	1129	664	58.8	0.38
3517.00	1699	1081	776	93	208	368	3857	2158	56.0	0.45
3535.00	1284	1059	812	88	229	197	3472	2188	63.0	0.38
3553.00	611	300	449	98	238	267	1696	1085	64.0	0.41
3571.00	1046	324	547	121	327	472	2365	1319	55.8	0.37
3589.00	2496	1129	1146	186	459	531	5416	2920	53.9	0.41
3607.00	1298	879	959	134	317	169	3587	2289	63.8	0.42
3625.00	1616	1139	1257	203	461	490	4676	3060	65.4	0.44
3643.00	888	1237	2269	400	1094	611	5888	5000	84.9	0.37
3652.00	1120	1601	3770	704	1990	1712	9185	8065	87.8	0.35

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
3661.00	685	771	1870	369	1013	1014	4708	4023	85.5	0.36
3670.00	-	-	-	-	-	-	-	-	-	-
3679.00	1248	1137	1688	305	725	776	5103	3855	75.5	0.42
3688.00	1861	1823	2600	437	967	498	7688	5827	75.8	0.45
3697.00	1988	1405	1632	263	569	413	5857	3869	66.1	0.46
3715.00	1991	1974	2589	409	890	1083	7853	5862	74.7	0.46
3733.00	7468	2472	1449	187	444	696	12020	4552	37.9	0.42
3751.00	5843	2063	1049	108	241	299	9304	3461	37.2	0.45
3760.00	46897	9980	3553	351	692	904	61473	14576	23.7	0.51
3769.00	19519	3686	1338	133	229	195	24905	5386	21.6	0.58

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
1060.00	85	5	7	4	3	8	104	19	18.3	1.33
1100.00	74	4	6	12	2	14	98	24	24.5	6.00
1140.00	57	4	4	8	2	16	75	18	24.0	4.00
1180.00	73	6	6	10	3	23	98	25	25.5	3.33
1220.00	54	6	8	14	5	31	87	33	37.9	2.80
1260.00	86	10	20	31	16	102	163	77	47.2	1.94
1300.00	14	2	5	11	5	36	37	23	62.2	2.20
1340.00	32	4	8	13	5	21	62	30	48.4	2.60
1380.00	43	7	22	17	8	14	97	54	55.7	2.13
1420.00	52	11	31	22	11	21	127	75	59.1	2.00
1460.00	59	15	40	24	14	25	152	93	61.2	1.71
1500.00	28	3	5	4	3	14	43	15	34.9	1.33
1540.00	22	2	1	1	1	6	27	5	18.5	1.00
1580.00	31	4	7	4	4	10	50	19	38.0	1.00
1620.00	31	6	14	8	6	11	65	34	52.3	1.33
1660.00	38	7	12	7	5	12	69	31	44.9	1.40
1700.00	22	3	2	2	1	5	30	8	26.7	2.00
1740.00	30	5	14	9	10	29	68	38	55.9	0.90
1780.00	27	5	19	12	35	81	98	71	72.5	0.34
1820.00	34	5	6	4	13	48	62	28	45.2	0.31
1860.00	31	5	2	1	2	10	41	10	24.4	0.50
1900.00	29	5	6	3	6	21	49	20	40.8	0.50
1940.00	19	3	3	2	2	8	29	10	34.5	1.00

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wetness	iC4/nC4
1980.00	16	2	4	4	3	10	29	13	44.8	1.33
2020.00	35	6	6	7	6	18	60	25	41.7	1.17
2060.00	18	3	2	2	2	8	27	9	33.3	1.00
2100.00	18	3	1	1	1	7	24	6	25.0	1.00
2140.00	23	4	4	2	3	10	36	13	36.1	0.67
2180.00	28	4	4	3	3	11	42	14	33.3	1.00
2220.00	33	5	6	4	4	11	52	19	36.5	1.00
2260.00	58	9	5	3	3	14	78	20	25.6	1.00
2300.00	30	5	4	2	3	9	44	14	31.8	0.67
2340.00	28	4	4	3	3	8	42	14	33.3	1.00
2380.00	25	4	4	3	3	9	39	14	35.9	1.00
2420.00	28	5	8	7	6	13	54	26	48.2	1.17
2460.00	31	6	12	10	7	17	66	35	53.0	1.43
2500.00	34	5	16	14	11	27	80	46	57.5	1.27
2518.00	19	3	7	5	4	7	38	19	50.0	1.25
2536.00	47	7	12	9	8	22	83	36	43.4	1.13
2554.00	42	8	24	14	11	11	99	57	57.6	1.27
2572.00	26	6	14	8	7	8	61	35	57.4	1.14
2581.00	50	7	13	8	8	13	86	36	41.9	1.00
2599.00	61	14	40	15	25	18	155	94	60.7	0.60
2617.00	63	40	214	51	97	7	465	402	86.5	0.53
2635.00	102	109	552	137	342	47	1242	1140	91.8	0.40
2671.00	64	38	294	99	368	349	863	799	92.6	0.27

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
2680.00	136	169	1033	345	1285	1467	2968	2832	95.4	0.27
2689.00	92	350	2798	752	2674	1823	6666	6574	98.6	0.28
2707.00	43	166	2051	597	2780	2168	5637	5594	99.2	0.21
2725.00	34	116	1999	628	3283	1442	6060	6026	99.4	0.19
2743.00	144	492	4672	1053	5890	2607	12251	12107	98.8	0.18
2761.00	359	1195	7421	1248	6653	1951	16876	16517	97.9	0.19
2779.00	671	2189	11797	1780	9269	2360	25706	25035	97.4	0.19
2797.00	479	1586	9631	1603	8278	2239	21577	21098	97.8	0.19
2815.00	386	1487	9329	1495	7752	2364	20449	20063	98.1	0.19
2833.00	150	830	6402	1187	6119	2308	14688	14538	99.0	0.19
2851.00	197	933	6921	1358	6525	2093	15934	15737	98.8	0.21
2869.00	321	1565	8725	1595	7307	2449	19513	19192	98.4	0.22
2887.00	675	1812	5470	1064	4400	2168	13421	12746	95.0	0.24
2896.00	519	1753	4420	775	2708	1823	10175	9656	94.9	0.29
2905.00	576	2019	3852	618	2020	1390	9085	8509	93.7	0.31
2914.00	262	1086	2528	415	1415	1104	5706	5444	95.4	0.29
2923.00	428	1691	4086	588	2414	1792	9207	8779	95.4	0.24
2932.00	322	1268	4276	697	3016	1374	9579	9257	96.6	0.23
2941.00	1035	2600	5121	595	2254	1072	11605	10570	91.1	0.26
2950.00	324	1333	2710	284	1135	453	5786	5462	94.4	0.25
2959.00	187	981	2666	294	1235	491	5363	5176	96.5	0.24
2977.00	188	900	2582	270	1138	405	5078	4890	96.3	0.24
2995.00	216	939	2453	257	1159	406	5024	4808	95.7	0.22

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 / nC4
3013.00	91	376	1473	177	844	370	2961	2870	96.9	0.21
3031.00	103	145	1077	233	1211	1417	2769	2666	96.3	0.19
3049.00	161	117	1285	306	1743	2197	3612	3451	95.5	0.18
3067.00	97	276	2360	448	2502	1450	5683	5586	98.3	0.18
3085.00	91	325	2505	450	2515	2141	5886	5795	98.5	0.18
3103.00	156	902	4893	876	4487	2655	11314	11158	98.6	0.20
3121.00	184	952	5150	941	4750	2691	11977	11793	98.5	0.20
3139.00	138	577	3853	804	4229	3038	9601	9463	98.6	0.19
3157.00	117	341	2812	619	3300	2036	7189	7072	98.4	0.19
3175.00	215	423	3110	654	3491	2967	7893	7678	97.3	0.19
3184.00	160	457	2524	455	2316	1856	5912	5752	97.3	0.20
3193.00	257	1101	4019	580	2768	1725	8725	8468	97.1	0.21
3202.00	204	884	3430	532	2550	1738	7600	7396	97.3	0.21
3211.00	1073	1117	3454	557	2472	1696	8673	7600	87.6	0.23
3220.00	26929	16788	8032	721	1494	616	53964	27035	50.1	0.48
3229.00	23514	15997	6011	538	1012	563	47072	23558	50.1	0.53
3238.00	10067	12595	5363	468	887	350	29380	19313	65.7	0.53
3247.00	3351	5324	3912	502	1366	1127	14455	11104	76.8	0.37
3256.00	2667	2681	1455	125	396	453	7324	4657	63.6	0.32
3265.00	21307	12789	5160	337	627	136	40220	18913	47.0	0.54
3274.00	5539	7143	4376	388	811	339	18257	12718	69.7	0.48
3283.00	3087	2612	1935	223	646	658	8503	5416	63.7	0.35
3292.00	10816	8468	4775	394	908	337	25361	14545	57.4	0.43

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
3301.00	330	842	1489	234	667	530	3562	3232	90.7	0.35
3310.00	159	138	194	22	101	277	614	455	74.1	0.22
3319.00	99	198	209	23	107	281	636	537	84.4	0.21
3328.00	204	243	403	55	240	368	1145	941	82.2	0.23
3337.00	47	13	69	17	94	358	240	193	80.4	0.18
3355.00	102	9	11	2	11	94	135	33	24.4	0.18
3373.00	97	122	208	30	118	335	575	478	83.1	0.25
3391.00	77	48	82	11	47	149	265	188	70.9	0.23
3409.00	89	73	139	31	126	389	458	369	80.6	0.25
3427.00	58	111	294	110	429	1196	1002	944	94.2	0.26
3445.00	63	38	122	43	179	518	445	382	85.8	0.24
3463.00	83	143	263	61	236	576	786	703	89.4	0.26
3481.00	60	16	55	16	70	303	217	157	72.4	0.23
3499.00	144	42	72	10	58	106	326	182	55.8	0.17
3517.00	78	29	93	15	80	212	295	217	73.6	0.19
3535.00	70	27	64	9	49	68	219	149	68.0	0.18
3553.00	58	13	25	7	38	186	141	83	58.9	0.18
3571.00	38	8	37	18	89	440	190	152	80.0	0.20
3589.00	67	31	114	29	140	326	381	314	82.4	0.21
3607.00	62	25	105	24	122	271	338	276	81.7	0.20
3625.00	78	37	217	72	302	720	706	628	89.0	0.24
3643.00	57	29	295	112	511	687	1004	947	94.3	0.22
3652.00	48	22	278	119	524	1095	991	943	95.2	0.23

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wetness	iC4/nC4
3661.00	49	20	228	94	437	612	828	779	94.1	0.22
3670.00	61	18	130	50	229	659	488	427	87.5	0.22
3679.00	75	57	309	83	371	519	895	820	91.6	0.22
3688.00	54	38	257	81	343	766	773	719	93.0	0.24
3697.00	54	73	304	73	288	345	792	738	93.2	0.25
3715.00	49	19	116	29	136	327	349	300	86.0	0.21
3733.00	114	313	461	60	235	290	1183	1069	90.4	0.26
3751.00	107	171	290	40	174	328	782	675	86.3	0.23
3760.00	639	2214	1590	142	452	157	5037	4398	87.3	0.31
3769.00	641	1360	1185	123	341	207	3650	3009	82.4	0.36

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
1060.00	61369	702	444	256	44	35	62815	1446	2.3	5.82
1100.00	37738	210	205	149	15	29	38317	579	1.5	9.93
1140.00	23258	162	178	153	19	71	23770	512	2.2	8.05
1180.00	36157	230	244	188	31	105	36850	693	1.9	6.06
1220.00	16520	150	151	109	27	83	16957	437	2.6	4.04
1260.00	13792	138	125	88	30	115	14173	381	2.7	2.93
1300.00	2295	85	134	112	35	78	2661	366	13.8	3.20
1340.00	8926	136	141	88	25	42	9316	390	4.2	3.52
1380.00	17905	268	180	68	24	25	18445	540	2.9	2.83
1420.00	30835	410	244	87	32	34	31608	773	2.5	2.72
1460.00	17338	257	147	49	25	34	17816	478	2.7	1.96
1500.00	9637	129	90	34	16	25	9906	269	2.7	2.13
1540.00	11713	86	46	16	11	14	11872	159	1.3	1.45
1580.00	9793	111	53	14	11	14	9982	189	1.9	1.27
1620.00	11797	162	68	18	12	14	12057	260	2.2	1.50
1660.00	29778	13718	4699	950	533	1658	49678	19900	40.1	1.78
1700.00	4756	83	53	19	8	10	4919	163	3.3	2.38
1740.00	8036	140	92	27	22	37	8317	281	3.4	1.23
1780.00	8278	161	174	44	93	130	8750	472	5.4	0.47
1820.00	3936	13	88	22	53	72	4112	176	4.3	0.42
1860.00	1221	34	34	9	19	27	1317	96	7.3	0.47
1900.00	1485	42	30	9	14	28	1580	95	6.0	0.64

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
1940.00	1317	37	23	9	6	13	1392	75	5.4	1.50
1980.00	1480	37	20	11	6	13	1554	74	4.8	1.83
2020.00	2097	50	30	19	12	23	2208	111	5.0	1.58
2060.00	1102	35	23	14	8	12	1182	80	6.8	1.75
2100.00	61	6	4	4	2	8	77	16	20.8	2.00
2140.00	1309	35	19	9	7	13	1379	70	5.1	1.29
2180.00	2636	51	24	10	6	14	2727	91	3.3	1.67
2220.00	1570	44	22	10	7	13	1653	83	5.0	1.43
2260.00	707	32	18	8	6	16	771	64	8.3	1.33
2300.00	758	37	23	11	7	12	836	78	9.3	1.57
2340.00	1153	68	43	19	11	12	1294	141	10.9	1.73
2380.00	1713	87	59	33	15	17	1907	194	10.2	2.20
2420.00	1248	72	53	30	15	20	1418	170	12.0	2.00
2460.00	1161	57	44	25	13	27	1300	139	10.7	1.92
2500.00	498	43	57	34	19	32	651	153	23.5	1.79
2518.00	713	44	58	30	14	13	859	146	17.0	2.14
2536.00	455	25	34	22	13	42	549	94	17.1	1.69
2554.00	892	77	104	41	23	15	1137	245	21.6	1.78
2572.00	1039	66	65	26	15	11	1211	172	14.2	1.73
2581.00	295	39	61	19	21	23	435	140	32.2	0.90
2599.00	307	59	103	29	34	19	532	225	42.3	0.85
2617.00	3033	416	521	92	134	9	4196	1163	27.7	0.69

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wetness	iC4/nC4
2635.00	3492	477	850	181	403	60	5403	1911	35.4	0.45
2671.00	4293	526	1210	302	804	803	7135	2842	39.8	0.38
2680.00	21439	2833	5143	1071	3084	2207	33570	12131	36.1	0.35
2689.00	26561	9047	18363	2919	8816	4348	65706	39145	59.6	0.33
2707.00	2814	1228	4879	1016	4417	2983	14354	11540	80.4	0.23
2725.00	24340	11808	41480	6411	28850	15085	112889	88549	78.4	0.22
2743.00	58627	16122	38590	4698	23216	10365	141253	82626	58.5	0.20
2761.00	41923	12800	28386	3322	16628	6235	103059	61136	59.3	0.20
2779.00	32406	12489	30465	3500	17407	5455	96267	63861	66.3	0.20
2797.00	26408	10236	25432	2987	14423	4262	79486	53078	66.8	0.21
2815.00	34357	15510	33804	3501	17008	5750	104180	69823	67.0	0.21
2833.00	32511	15159	32405	3479	16459	6491	100013	67502	67.5	0.21
2851.00	31373	17214	37124	4161	18607	7313	108479	77106	71.1	0.22
2869.00	32181	17473	37060	4634	19609	7183	110957	78776	71.0	0.24
2887.00	61498	19377	25793	3550	13367	7054	123585	62087	50.2	0.27
2896.00	91073	28049	24246	2679	8790	5102	154837	63764	41.2	0.30
2905.00	68144	18256	13143	1498	4607	3599	105648	37504	35.5	0.33
2914.00	69622	24869	17951	2076	5848	4698	120366	50744	42.2	0.35
2923.00	27670	11153	10973	1254	4119	2512	55169	27499	49.9	0.30
2932.00	27750	12782	14621	1818	5942	18464	62913	35163	55.9	0.31
2941.00	35984	10997	11494	1150	3701	1520	63326	27342	43.2	0.31
2950.00	64762	19483	16169	1329	4163	1668	105906	41144	38.9	0.32

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
2959.00	26322	12645	12212	983	3485	1731	55647	29325	52.7	0.28
2977.00	85854	29576	25179	1960	5793	1894	148362	62508	42.1	0.34
2995.00	25793	8974	8497	681	2406	779	46351	20558	44.4	0.28
3013.00	11526	7313	8726	718	2642	1162	30925	19399	62.7	0.27
3031.00	11643	7801	15666	392	1760	4402	37262	25619	68.8	0.22
3049.00	14676	12465	21150	482	2462	6751	51235	36559	71.4	0.20
3067.00	24945	17864	26098	636	3325	6384	72868	47923	65.8	0.19
3085.00	16554	14936	23733	621	3270	6419	59114	42560	72.0	0.19
3103.00	22100	15679	23972	1042	5186	6797	67979	45879	67.5	0.20
3121.00	15800	12618	20785	2210	10144	5226	61557	45757	74.3	0.22
3139.00	10849	10298	18783	2104	9784	5851	51818	40969	79.1	0.22
3157.00	16652	16207	29160	3040	13627	7203	78686	62034	78.8	0.22
3175.00	11367	11029	18963	1978	9209	6318	52546	41179	78.4	0.21
3184.00	11085	7972	12780	1323	5783	3748	38943	27858	71.5	0.23
3193.00	17297	10188	13249	1337	5626	2819	47697	30400	63.7	0.24
3202.00	15417	9314	11661	1168	4922	2620	42482	27065	63.7	0.24
3211.00	33978	12503	13140	1420	5117	2814	66158	32180	48.6	0.28
3220.00	27708	16902	8123	729	1571	704	55033	27325	49.7	0.46
3229.00	83225	25361	9081	926	1909	1310	120502	37277	30.9	0.49
3238.00	191965	45254	15303	1636	2907	2636	257065	65100	25.3	0.56
3247.00	140134	30704	14997	1994	4419	5204	192248	52114	27.1	0.45
3256.00	89071	16893	6179	458	1101	1366	113702	24631	21.7	0.42

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
3265.00	376242	53955	18333	1681	3189	2868	453400	77158	17.0	0.53
3274.00	84979	19821	8650	768	1454	928	115672	30693	26.5	0.53
3283.00	92567	17702	8202	938	2110	1843	121519	28952	23.8	0.44
3292.00	180840	31921	12864	1067	2279	1932	228971	48131	21.0	0.47
3301.00	11615	7108	5107	643	1406	1357	25879	14264	55.1	0.46
3310.00	4472	1616	1887	276	860	2781	9111	4639	50.9	0.32
3319.00	3680	1661	1462	187	696	1703	7686	4006	52.1	0.27
3328.00	31329	9792	12851	2309	7398	22412	63679	32350	50.8	0.31
3337.00	1266	444	654	126	515	1722	3005	1739	57.9	0.24
3355.00	760	319	533	110	410	1590	2132	1372	64.4	0.27
3373.00	17603	4021	3156	542	1518	2395	26840	9237	34.4	0.36
3391.00	1604	1027	1051	133	358	684	4173	2569	61.6	0.37
3409.00	3334	2691	4231	889	2175	1987	13320	9986	75.0	0.41
3427.00	4590	2371	2821	586	1617	3215	11985	7395	61.7	0.36
3445.00	1641	920	1098	232	639	1085	4530	2889	63.8	0.36
3463.00	2888	1059	1032	198	542	976	5719	2831	49.5	0.37
3481.00	2378	916	794	127	327	825	4542	2164	47.6	0.39
3499.00	609	352	316	40	138	370	1455	846	58.1	0.29
3517.00	1777	1110	869	108	288	580	4152	2375	57.2	0.38
3535.00	1354	1086	876	97	278	265	3691	2337	63.3	0.35
3553.00	669	313	474	105	276	453	1837	1168	63.6	0.38
3571.00	1084	332	584	139	416	912	2555	1471	57.6	0.33

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

Project: NOCS 35/11-5
Well: NOCS 35/11-5
Depth unit of measure: m * Indicated values in ml gas/kg source rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4/nC4
3589.00	2563	1160	1260	215	599	857	5797	3234	55.8	0.36
3607.00	1360	904	1064	158	439	440	3925	2565	65.4	0.36
3625.00	1694	1176	1474	275	763	1210	5382	3688	68.5	0.36
3643.00	945	1266	2564	512	1605	1298	6892	5947	86.3	0.32
3652.00	1168	1623	4048	823	2514	2807	10176	9008	88.5	0.33
3661.00	734	791	2098	463	1450	1626	5536	4802	86.7	0.32
3670.00	61	18	130	50	229	659	488	427	87.5	0.22
3679.00	1323	1194	1997	388	1096	1295	5998	4675	77.9	0.35
3688.00	1915	1861	2857	518	1310	1264	8461	6546	77.4	0.40
3697.00	2042	1478	1936	336	857	758	6649	4607	69.3	0.39
3715.00	2040	1993	2705	438	1026	1410	8202	6162	75.1	0.43
3733.00	7582	2785	1910	247	679	986	13203	5621	42.6	0.36
3751.00	5950	2234	1339	148	415	627	10086	4136	41.0	0.36
3760.00	47536	12194	5143	493	1144	1061	66510	18974	28.5	0.43
3769.00	20160	5046	2523	256	570	402	28555	8395	29.4	0.45

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1020.00		swc				0001
			100	Sh/Clst: brn gy to m drk brn gy, calc		0001-1L
1040.00		swc				0002
			100	Sh/Clst: brn gy to m drk brn gy, slt		0002-1L
1060.00						0042
			60	Sltst : lt gy to lt gy w, calc, cly		0042-1L
		1.48	40	Sh/Clst: y gy to lt or, calc, slt		0042-2L
			tr	Cont : dd		0042-3L
			tr	Cont : prp		0042-4L
1062.00		swc				0003
			100	Sh/Clst: brn gy to m drk brn gy, slt, calc		0003-1L
1089.00		swc				0004
			100	Sh/Clst: brn gy to m drk brn gy, slt, calc		0004-1L
			tr	Ca : lt or gy		0004-2L
1100.00						0336
			100	Sh/Clst: lt brn gy, slt		0336-1L
			tr	Cont : prp		0336-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
1140.00						0337
			100	Sh/Clst: lt brn gy, slt		0337-1L
			tr	Cont : prp		0337-2L
1150.00		swc				0005
			100	Sh/Clst: brn gy to m drk brn gy, slt		0005-1L
1180.00		swc				0006
			100	Sh/Clst: m drk brn gy to drk brn gy, slt		0006-1L
1180.00						0338
			100	Sh/Clst: lt brn gy, slt		0338-1L
			tr	Cont : prp		0338-2L
1220.00						0339
			100	Sh/Clst: lt brn gy, slt, mic, glauc		0339-1L
			tr	Cont : prp		0339-2L
1223.00		swc				0007
			100	Sh/Clst: drk gy, slt, calc		0007-1L
1260.00						0047
	1.31		95	Sh/Clst: m gy to drk gy, slt, mic		0047-1L
			5	Cont : prp		0047-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1261.00	swc					0008
			100	Sh/Clst: drk gy to drk brn gy, slt		0008-1L
1295.00	swc					0009
			100	Sh/Clst: drk brn gy, slt		0009-1L
1300.00						0340
			85	Sh/Clst: lt brn gy, slt, mic, fos, glauc		0340-1L
			10	Other : lt bl gn, fos, glauc		0340-2L
			5	Cont : prp		0340-3L
1332.00	swc					0010
			100	Sh/Clst: drk brn gy, slt		0010-1L
1340.00						0341
			100	Sh/Clst: lt brn gy to y gy to brn gy, slt, mic, fos, glauc		0341-1L
			tr	Other : lt bl gn, fos, glauc		0341-2L
			tr	Cont : prp		0341-3L
			tr	Coal : blk, f		0341-4L
1370.00	swc					0011
			100	Sh/Clst: drk brn gy to drk brn		0011-1L
1380.00						0342
			85	Sh/Clst: lt brn gy to y gy to brn gy, pyr, slt, fos, glauc		0342-1L
			5	Sh/Clst: ol gy, calc, slt		0342-2L
			5	Cont : prp		0342-3L
			5	Cont : gy brn, bar		0342-4L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1411.00		swc				0012
			100	Sh/Clst: drk brn gy to brn blk		0012-1L
1420.00						0343
			95	Sh/Clst: brn gy, pyr, slt, fos		0343-1L
			5	Sh/Clst: ol gy, calc, slt		0343-2L
			tr	S/Sst : lt gy w, mic, glauc, f		0343-3L
			tr	Cont : prp		0343-4L
1449.00		swc				0013
			100	Sh/Clst: drk brn		0013-1L
1460.00						0052
		2.34	95	Sh/Clst: brn gy to m gy to gn gy, slt		0052-1L
			5	Cont : prp		0052-2L
1485.00		swc				0014
			100	Sh/Clst: dsk y gn to drk gn gy		0014-1L
1500.00						0344
			90	Sh/Clst: gn gy to m brn, glauc, fe		0344-1L
			10	Sh/Clst: lt brn gy, slt, mic		0344-2L
1520.00		swc				0015
			100	Sh/Clst: dsk y gn to drk gn gy		0015-1L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth Int	Depth Cvd	Type	TOC%	%	Lithology description	Trb	Sample
1540.00							0345
				100	Sh/Clst: gn gy, glauc, fe		0345-1L
				tr	Sh/Clst: lt brn gy, slt, mic		0345-2L
				tr	Cont : prp		0345-3L
1560.00		swc					0016
				100	Sh/Clst: drk gn gy to ol gy		0016-1L
1580.00							0346
				100	Sh/Clst: gn gy to brn gy, pyr		0346-1L
				tr	S/Sst : lt gn gy, mic, f		0346-2L
				tr	Cont : prp		0346-3L
1620.00							0347
				100	Sh/Clst: gn gy to brn gy, pyr		0347-1L
				tr	S/Sst : lt gn gy, mic, f		0347-2L
				tr	Cont : prp		0347-3L
1626.00		swc					0017
				100	Sh/Clst: drk gn gy to ol gy		0017-1L
1660.00		swc					0018
				100	Sh/Clst: pl brn, mic, calc		0018-1L
1660.00							0057
			0.73	90	Sh/Clst: m gy to brn gy to gy brn to drk gn gy, slt, mic		0057-1L
				5	Sh/Clst: m brn, calc, slt		0057-2L
				5	Cont : prp		0057-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1696.00	swc					0019
			100	Sh/Clst: pl brn to gy brn, mic		0019-1L
1700.00						0349
			90	Sh/Clst: gn gy to m brn, fe		0349-1L
			10	Sh/Clst: brn gy, slt, mic		0349-2L
			tr	S/Sst : lt gy, glauc, f		0349-3L
1709.00	swc					0020
			100	Sh/Clst: drk gy, calc		0020-1L
1740.00						0350
			90	Sh/Clst: gn gy to m brn, glauc, fe		0350-1L
			10	Sh/Clst: brn gy, slt, mic		0350-2L
			tr	S/Sst : lt gy, glauc, f		0350-3L
			tr	Cont : prp		0350-4L
1749.00	swc					0021
			100	Sh/Clst: drk gy, calc		0021-1L
1755.00	swc					0023
			100	Sh/Clst: drk gy		0023-1L
1770.00	swc					0022
			100	Sh/Clst: drk gy		0022-1L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1780.00						0351
			90	Sh/Clst: m gy to drk gy, calc		0351-1L
			5	Sh/Clst: m brn, fe		0351-2L
			5	Sltst : m gy		0351-3L
			tr	Cont : prp		0351-4L
1797.00	swc					0024
			100	Sh/Clst: drk gn gy to gn pu		0024-1L
1820.00						0061
		0.36	85	Sh/Clst: m gy to brn gy to gn gy, slt, mic, glauc		0061-1L
			5	Sh/Clst: m brn to gy brn, calc, slt		0061-2L
			5	S/Sst : drk gy, cly		0061-3L
			5	Cont : prp		0061-4L
1834.00	swc					0025
			100	Sh/Clst: m bl gy to gn pu, slt		0025-1L
1845.00	swc					0026
			100	Sh/Clst: drk gy, pyr, calc		0026-1L
			tr	Ca : w, lam		0026-2L
1853.00	swc					0027
			100	Sh/Clst: drk bl gy to drk gn gy to drk gy		0027-1L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
1860.00							0352
			95	Sh/Clst	: brn gy to m gn gy		0352-1L
			5	Cont	: prp		0352-2L
1890.00		swc					0028
			100	Sh/Clst	: drk gy, slt		0028-1L
1900.00							0353
			95	Sh/Clst	: lt y gn to brn gy to m brn to y gy to m gy, calc		0353-1L
			5	S/Sst	: w, calc, pyr		0353-2L
			tr	Cont	: w, bar		0353-3L
			tr	Coal	: blk, f		0353-4L
1940.00							0354
			90	Sh/Clst	: m gn gy to brn gy to m gy, calc		0354-1L
			5	S/Sst	: w, calc, pyr, mic		0354-2L
			5	Cont	: prp		0354-3L
			tr	Cont	: bar		0354-4L
1980.00							0355
			90	Sh/Clst	: lt gy to m gy to brn gy		0355-1L
			5	S/Sst	: w, calc, pyr, glauc, f		0355-2L
			5	Cont	: prp		0355-3L
			tr	Cont	: w, bar		0355-4L
2020.00							0066
		0.86	100	Sh/Clst	: m gy to drk gy to gy brn to lt ol gy, pyr, slt, mic		0066-1L
			tr	Sh/Clst	: m brn, calc, slt		0066-2L
			tr	Cont	: prp		0066-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2060.00						0356
			85	Sh/Clst: m gy to drk gy		0356-1L
			10	Ca : w to lt brn gy, dol		0356-2L
			5	Cont : prp		0356-3L
			tr	Other : dsk y gn, fos, glauc		0356-4L
2100.00						0357
			60	Sh/Clst: lt gy to m gy to brn gy, pyr		0357-1L
			30	Ca : w to lt brn gy, dol		0357-2L
			10	Cont : prp		0357-3L
			tr	Other : dsk y gn, fos, glauc		0357-4L
			tr	S/Sst : w, pyr		0357-5L
			tr	Cont : w, bar		0357-6L
2140.00						0358
			55	Sh/Clst: lt gy to m gy to brn gy to m brn gy, pyr		0358-1L
			30	Ca : w to lt brn gy, dol		0358-2L
			10	Cont : prp		0358-3L
			5	Sh/Clst: m brn, slt, fe		0358-4L
			tr	S/Sst : w, pyr, glauc		0358-5L
			tr	Cont : blk, Coal-ad		0358-6L
2180.00						0359
			45	Sh/Clst: lt gy to m gy to drk gy, pyr		0359-1L
			25	Sh/Clst: brn gy to m brn gy, slt		0359-2L
			10	Ca : w, pyr, dol		0359-3L
			10	Sh/Clst: m brn, mic, fe		0359-4L
			10	Cont : prp		0359-5L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2220.00						0360
			65	Sh/Clst: lt gy to m gy, pyr		0360-1L
			15	Sh/Clst: brn gy to m brn gy, slt		0360-2L
			15	Sh/Clst: m brn, mic, fe		0360-3L
			5	Cont : prp		0360-4L
			tr	Ca : w, glauc, f		0360-5L
			tr	S/Sst : lt gy w, pyr, glauc		0360-6L
2260.00						0072
		0.51	85	Sh/Clst: m gy to drk gy, pyr, slt, mic		0072-1L
			5	Sh/Clst: m brn, calc, slt		0072-2L
			5	Ca : w, f, chk		0072-3L
			5	Cont : prp		0072-4L
			tr	Cont : dd		0072-5L
2300.00						0361
			65	Sh/Clst: lt gy to m gy, pyr		0361-1L
			10	Sh/Clst: brn gy to m brn gy, slt		0361-2L
			10	Sh/Clst: m brn, mic, fe		0361-3L
			10	Cont : prp		0361-4L
			5	Ca : w, glauc, f		0361-5L
			tr	S/Sst : lt gy w, pyr, glauc		0361-6L
2314.00	swc					0029
			100	Sh/Clst: m gy to drk gy, calc, slt		0029-1L
2340.00						0362
			80	Sh/Clst: lt gy to m gy, pyr		0362-1L
			5	Sh/Clst: brn gy to m brn gy, slt		0362-2L
			5	Sh/Clst: m brn, mic, fe		0362-3L
			5	Cont : prp		0362-4L
			5	Ca : w, glauc, f		0362-5L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2351.00		swc				0030
			100	Sh/Clst: m gy, pyr		0030-1L
2380.00						0363
			55	Sh/Clst: lt gy to m gy, pyr, slt		0363-1L
			25	Cont : prp		0363-2L
			10	Ca : w, glauc, f		0363-3L
			5	Sh/Clst: m brn, slt, fe		0363-4L
			5	Sh/Clst: brn gy to m brn gy, slt		0363-5L
			tr	S/Sst : lt gy w, pyr, glauc		0363-6L
2384.00		swc				0031
			100	Sh/Clst: drk gy to gy blk		0031-1L
2420.00						0364
			55	Sh/Clst: lt gy to m gy, pyr, slt		0364-1L
			20	Sh/Clst: brn gy to m brn gy, slt		0364-2L
			15	Cont : prp		0364-3L
			5	Sh/Clst: m brn, mic, fe		0364-4L
			5	Ca : w, dol, f		0364-5L
2421.00		swc				0032
			100	Sh/Clst: drk gy to gy blk		0032-1L
2449.00		swc				0033
			100	Sh/Clst: drk gy to gy blk		0033-1L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
2460.00							0077
		1.05	90	Sh/Clst:	m gy to gy brn to drk gy to gn gy to drk gn, slt, mic		0077-1L
			5	Sh/Clst:	m brn, calc, slt		0077-2L
			5	Cont :	prp		0077-3L
			tr	Ca :	w, f, chk		0077-4L
			tr	Chert :	dsk brn		0077-5L
2480.00	swc						0034
			100	Sh/Clst:	drk gy		0034-1L
2500.00							0365
			65	Sh/Clst:	lt gy to m gy, pyr, slt		0365-1L
			20	Cont :	prp		0365-2L
			10	Sh/Clst:	brn gy to m brn gy, slt		0365-3L
			5	Sh/Clst:	m brn, mic, fe		0365-4L
			tr	Ca :	w, dol		0365-5L
2515.00	swc						0035
			100	Sh/Clst:	drk gy to gy blk, calc		0035-1L
2518.00							0366
			60	Sh/Clst:	lt gy to m gy, pyr, slt		0366-1L
			25	Sh/Clst:	brn gy to m brn gy, slt		0366-2L
			5	Sh/Clst:	m brn, mic, fe		0366-3L
			5	Cont :	prp		0366-4L
			5	Cont :	lt gy, dd		0366-5L
			tr	Ca :	w to drk brn, dol		0366-6L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2536.00						0082
		1.20	65	Sh/Clst: m gy to drk gy to lt gn gy to drk gn, pyr, slt		0082-1L
			20	Sh/Clst: gy brn, slt, mic		0082-2L
			10	Cont : prp		0082-3L
			5	Sh/Clst: m brn, calc, slt		0082-4L
			tr	Ca : w, f, chk		0082-5L
2546.00	swc					0036
			100	Sh/Clst: drk gy to gy blk, calc		0036-1L
2554.00	swc					0037
			100	Sh/Clst: lt gy to m gy, calc		0037-1L
2554.00						0367
			55	Sh/Clst: m gy to drk gy, slt		0367-1L
			25	Sh/Clst: brn gy to m brn gy, slt		0367-2L
			10	Sh/Clst: gn gy		0367-3L
			5	Sh/Clst: m brn, mic, fe		0367-4L
			5	Cont : prp		0367-5L
			tr	Ca : w to drk brn, dol		0367-6L
2572.00						0368
			55	Sh/Clst: m gy to drk gy, pyr, slt		0368-1L
			25	Sh/Clst: brn gy to m brn gy, slt, st		0368-2L
			10	Ca : lt gy w to drk brn, dol		0368-3L
			5	Cont : prp		0368-4L
			5	Sh/Clst: m brn, mic, fe		0368-5L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2581.00						0087
		0.64	75	Sh/Clst: m gy to drk gy to gy gn to lt gn gy, pyr, slt		0087-1L
			15	Cont : prp		0087-2L
			10	Sh/Clst: gy brn, slt, mic		0087-3L
			tr	Sh/Clst: m brn, calc, slt		0087-4L
			tr	Sltst : lt gy w		0087-5L
			tr	Chert : brn gy		0087-6L
2582.00	swc					0038
			100	Sh/Clst: drk gy to gy blk, calc		0038-1L
2599.00						0369
			75	Sh/Clst: lt gy to m gy, pyr, slt, st		0369-1L
			10	Sh/Clst: brn gy to m brn gy, slt, st		0369-2L
			10	Cont : prp		0369-3L
			5	S/Sst : lt gy, calc, glauc, f, crs		0369-4L
2617.00						0091
		0.90	90	Sh/Clst: m gy to drk gy to gy blk, slt, mic		0091-1L
			10	Cont : prp		0091-2L
			tr	Sh/Clst: gy brn, slt		0091-3L
			tr	Ca : lt gy w, f		0091-4L
2625.00	swc					0039
			100	Sh/Clst: gy blk to brn blk, calc		0039-1L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
2635.00							0093
		0.94	75	Sh/Clst:	m gy to drk gy to gy blk, pyr, slt, mic		0093-1L
			20	Cont :	prp		0093-2L
			5	Sh/Clst:	m brn, calc, slt		0093-3L
			tr	Cont :	lt brn, dd		0093-4L
			tr	Ca :	lt gy w, f		0093-5L
2638.50	swc						0040
			100	Sh/Clst:	lt gy to lt brn gy, calc		0040-1L
2651.00	swc						0041
			100	Sh/Clst:	lt gy to m gy, calc		0041-1L
2671.00							0097
		1.13	80	Sh/Clst:	lt gy to m gy to drk gy to gy blk, pyr, slt, mic		0097-1L
			10	Cont :	prp		0097-2L
			5	Sh/Clst:	m brn, calc, slt		0097-3L
			5	Ca :	lt gy w, f		0097-4L
2680.00							0370
			45	Sh/Clst:	lt gy to m gy, pyr, slt		0370-1L
		3.97	35	Sh/Clst:	brn gy to m brn gy, slt, st		0370-2L
			10	Ca :	w to lt gy w, f		0370-3L
			5	Coal :	blk, crs, ang		0370-4L
			5	Cont :	prp		0370-5L
			tr	Sh/Clst:	m brn, mic, fe		0370-6L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2689.00						0371
			85	Sh/Clst: brn gy to m brn gy to drk gy, slt, st		0371-1L
			10	Sh/Clst: lt gy to m gy, slt		0371-2L
			5	Cont : prp		0371-3L
			tr	Ca : lt gy w, f		0371-4L
			tr	Coal : blk, ang		0371-5L
2690.00	swc					0291
			95	Sh/Clst: gy blk to blk		0291-1L
			5	Cont : m brn, dd		0291-2L
2698.00						0372
			50	Sh/Clst: brn gy to m gy to drk gy, slt, st		0372-1L
			40	Cont : w, cem		0372-2L
			10	Cont : prp		0372-3L
			tr	Ca : w, dol		0372-4L
2706.00	swc					0290
			95	Sh/Clst: gy blk to blk		0290-1L
			5	Cont : m brn, dd		0290-2L
2707.00						0373
			70	Sh/Clst: brn gy to drk gy to gy blk, pyr, slt, st		0373-1L
			15	Cont : w, cem		0373-2L
			15	Cont : prp		0373-3L
			tr	Coal : blk, f		0373-4L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
2715.00		swc					0312
			100	Sh/Clst:	brn blk		0312-1L
			tr	Cont	: lt brn gy, dd		0312-2L
2716.00							0374
			75	Sh/Clst:	brn gy to drk gy to gy blk, pyr, slt, st		0374-1L
			20	Cont	: prp		0374-2L
			5	Cont	: lt gy w, cem		0374-3L
			tr	Cont	: w, bar		0374-4L
2723.00		swc					0289
			100	Sh/Clst:	gy blk		0289-1L
			tr	Cont	: m brn, dd		0289-2L
2725.00							0375
			75	Sh/Clst:	brn gy to drk gy to gy blk, pyr, slt, st		0375-1L
			20	Cont	: prp		0375-2L
			5	Cont	: lt gy w, cem		0375-3L
			tr	Cont	: w, bar		0375-4L
2734.00							0376
			80	Sh/Clst:	brn gy to drk gy to gy blk, pyr, slt, st		0376-1L
			15	Cont	: prp		0376-2L
			5	Cont	: lt gy w, cem		0376-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2740.00	swc					0288
			95	Sh/Clst: gy blk to blk		0288-1L
			5	Cont : m brn, dd		0288-2L
2743.00						0377
			80	Sh/Clst: brn gy to drk gy to gy blk, pyr, slt, st		0377-1L
			20	Cont : prp		0377-2L
			tr	Cont : w, bar		0377-3L
2748.50	swc					0311
			100	Sh/Clst: drk gy to dsk y brn		0311-1L
			tr	Cont : lt brn gy, dd		0311-2L
2752.00						0378
			80	Sh/Clst: brn gy to drk gy to gy blk, pyr, slt, st		0378-1L
			20	Cont : prp		0378-2L
			tr	Cont : lt gy w, cem		0378-3L
2759.00	swc					0287
			95	Sh/Clst: dsk y brn to gy blk, pyr, slt		0287-1L
			5	Cont : m brn, dd		0287-2L
2761.00						0379
		6.37	90	Sh/Clst: brn gy to drk gy to gy blk, pyr, slt, st, lam		0379-1L
			10	Cont : prp		0379-2L
			tr	Cont : lt gy w, cem		0379-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
2770.00							0380
			90	Sh/Clst:	brn gy to drk gy to gy blk, pyr, slt, st, lam		0380-1L
			10	Cont	: prp		0380-2L
			tr	Ca	: w, f		0380-3L
2774.00	swc						0310
			95	Sh/Clst:	dsk y brn		0310-1L
			5	Cont	: lt brn gy, dd		0310-2L
2779.00							0381
			85	Sh/Clst:	brn gy to drk gy to gy blk, pyr, slt, st, lam		0381-1L
			15	Cont	: prp		0381-2L
2788.00							0382
			95	Sh/Clst:	brn gy to drk gy to gy blk, pyr, slt, st, lam		0382-1L
			5	Cont	: prp		0382-2L
			tr	Cont	: w, bar		0382-3L
2790.00	swc						0286
			100	Sh/Clst:	dsk y brn to gy blk, pyr, slt		0286-1L
			tr	Cont	: m brn, dd		0286-2L
2797.00							0383
		6.21	90	Sh/Clst:	brn gy to drk gy to gy blk, slt, st, lam		0383-1L
			10	Cont	: prp		0383-2L
			tr	Cont	: w, bar		0383-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2806.00						0384
			90	Sh/Clst: brn gy to drk gy to gy blk, slt, st, lam		0384-1L
			10	Cont : prp		0384-2L
			tr	Cont : lt gy w, cem		0384-3L
2809.00	swc					0285
			100	Sh/Clst: brn blk to gy blk, lam		0285-1L
			tr	Cont : lt brn gy, dd		0285-2L
			tr	Coal : blk		0285-3L
2815.00						0385
			95	Sh/Clst: brn gy to drk gy to gy blk, slt, st, lam		0385-1L
			5	Cont : prp		0385-2L
			tr	Coal : blk, crs, ang		0385-3L
			tr	Cont : lt gy w, cem		0385-4L
2824.00						0386
			95	Sh/Clst: brn gy to drk gy to gy blk, pyr, slt, st		0386-1L
			5	Cont : prp		0386-2L
			tr	Coal : blk, crs, ang		0386-3L
2830.00	swc					0284
			100	Sh/Clst: brn blk to gy blk, slt, l, lam		0284-1L
			tr	Sltst : lt gy w		0284-2L
			tr	Cont : m brn, dd		0284-3L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
2833.00						0387
			95	Sh/Clst: brn gy to drk gy to gy blk, pyr, slt, st		0387-1L
			5	Cont : prp		0387-2L
2842.00						0388
			90	Sh/Clst: brn gy to drk gy to gy blk, pyr, slt, st		0388-1L
			5	Sltst : lt gy to m gy		0388-2L
			5	Cont : prp		0388-3L
			tr	Coal : blk, f		0388-4L
2850.00	swc					0283
			100	Sh/Clst: brn blk, l		0283-1L
			tr	Coal : blk		0283-2L
			tr	Cont : m brn, dd		0283-3L
2851.00						0389
			90	Sh/Clst: brn gy to drk gy to gy blk, pyr, slt, st		0389-1L
			5	Sltst : lt gy to m gy		0389-2L
			5	Cont : prp		0389-3L
			tr	Coal : blk, f		0389-4L
2859.00	swc					0309
			70	Sh/Clst: dsk y brn, slt		0309-1L
			30	Cont : lt brn gy, dd		0309-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
2860.00							0390
			90	Sh/Clst	: brn gy to drk gy to gy blk, pyr, slt, st		0390-1L
			5	Sltst	: lt gy to m gy		0390-2L
			5	Cont	: prp		0390-3L
			tr	Coal	: blk, f		0390-4L
2869.00							0391
		5.24	85	Sh/Clst	: drk gy to gy blk, pyr, slt, st		0391-1L
			10	Sltst	: lt gy w to m gy, calc		0391-2L
			5	Cont	: prp		0391-3L
2870.00	swc						0282
			100	Sh/Clst	: brn blk, l, lam		0282-1L
			tr	Cont	: lt brn gy to brn gy, dd		0282-2L
2875.00	swc						0308
			100	Sh/Clst	: dsk y brn, slt		0308-1L
			tr	Cont	: lt brn gy, dd		0308-2L
2875.40	swc						0333
			100	Ca	: gy brn to drk brn to w, carb, cly		0333-1L
			tr	Cont	: m brn, dd		0333-2L
2878.00							0392
			75	Sh/Clst	: drk gy to gy blk, pyr, slt, st		0392-1L
			20	Cont	: prp		0392-2L
			5	Cont	: lt gy w, cem		0392-3L
			tr	Ca	: w, f		0392-4L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
2886.30		swc					0281
			100	Sh/Clst	: brn blk to drk brn, slt, mic, l, lam		0281-1L
			tr	Sltst	: lt gy w		0281-2L
			tr	Cont	: lt brn gy, dd		0281-3L
2887.00							0393
			85	Sh/Clst	: drk gy to gy blk to drk brn gy, pyr, slt, st		0393-1L
			10	Sltst	: lt gy w to m gy, calc, st		0393-2L
			5	Cont	: prp		0393-3L
2888.30		swc					0332
			100	S/Sst	: lt gy to lt brn gy, mic, crs, st		0332-1L
			tr	Cont	: m brn, dd		0332-2L
			tr	Coal	: blk		0332-3L
2888.70		swc					0331
			90	S/Sst	: lt gy w to lt gy to lt brn gy, mic, glauc, crs, st		0331-1L
			10	Cont	: m brn, dd		0331-2L
			tr	Coal	: blk		0331-3L
2889.10		swc					0330
			80	S/Sst	: lt gy w to lt gy to lt brn gy, pyr, mic, crs, st		0330-1L
			20	Cont	: m brn, dd		0330-2L
			tr	Coal	: blk		0330-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
2889.50		swc					0329
			100	S/Sst	: lt gy w to lt gy to lt brn gy, pyr, mic, crs, st		0329-1L
			tr	Coal	: blk		0329-2L
			tr	Cont	: m brn, dd		0329-3L
2890.00		swc					0328
			100	S/Sst	: lt gy w to lt gy to lt brn gy, mic, crs, st		0328-1L
			tr	Coal	: blk		0328-2L
			tr	Cont	: m brn, dd		0328-3L
2893.00		swc					0280
			100	Sltst	: brn blk to dsk brn, cly, mic, l		0280-1L
			tr	Cont	: lt brn gy, dd		0280-2L
2896.00							0394
			70	Sh/Clst	: drk gy to gy blk to drk brn gy, pyr, slt, st		0394-1L
			25	Cont	: lt gy w, bar		0394-2L
			5	Cont	: prp		0394-3L
2900.00		swc					0327
			100	S/Sst	: lt gy w to lt gy to lt brn gy, mic, crs, st		0327-1L
			tr	Coal	: blk		0327-2L
			tr	Cont	: m brn, dd		0327-3L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2902.00		swc				0326
			100	S/Sst : lt gy w to lt gy to lt brn gy, mic, crs		0326-1L
			tr	Coal : blk		0326-2L
2903.00		swc				0325
			95	S/Sst : lt gy w to lt gy to lt brn gy, mic, crs		0325-1L
			5	Cont : m brn, dd		0325-2L
			tr	Coal : blk		0325-3L
2905.00						0395
	5.11		50	Sh/Clst: drk gy to gy blk to drk brn gy, pyr, slt, st		0395-1L
			35	Cont : lt gy w, bar		0395-2L
			15	Cont : prp		0395-3L
2906.50		swc				0279
			100	Sh/Clst: brn blk, slt, mic, l		0279-1L
			tr	Sltst : lt gy w, l		0279-2L
2914.00						0396
			40	Sh/Clst: drk gy to gy blk to drk brn gy, pyr, slt, st		0396-1L
			30	Cont : lt gy w, bar		0396-2L
			15	Cont : prp		0396-3L
			15	S/Sst : w, crs, l		0396-4L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2916.20	swc					0324
			95	S/Sst : lt gy w to lt gy, mic, crs		0324-1L
			5	Cont : m brn, dd		0324-2L
			tr	Coal : blk		0324-3L
2917.50	swc					0323
			90	S/Sst : lt gy w to lt gy, mic, crs		0323-1L
			10	Cont : m brn, dd		0323-2L
			tr	Coal : blk		0323-3L
2922.50	swc					0322
			100	S/Sst : lt gy w to lt gy, mic, crs		0322-1L
			tr	Coal : blk		0322-2L
2923.00	swc					0321
			85	S/Sst : lt gy w to lt gy, calc, mic, crs		0321-1L
			15	Cont : m brn, dd		0321-2L
2923.00						0397
			40	Sh/Clst: drk gy to gy blk to drk brn gy, pyr, slt, st		0397-1L
			25	Cont : prp		0397-2L
			15	S/Sst : w, crs, l		0397-3L
			10	Cont : w, bar		0397-4L
			10	Sltst : brn gy to lt gy		0397-5L
2923.50	swc					0320
			95	S/Sst : lt gy w to lt gy, calc, mic, crs		0320-1L
			5	Cont : m brn, dd		0320-2L
			tr	Coal : blk		0320-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2924.30	swc					0319
			100	S/Sst : lt gy w to lt gy, calc, mic		0319-1L
			tr	Coal : gy blk to blk		0319-2L
			tr	Cont : m brn, dd		0319-3L
2926.40	swc					0318
			95	Sltst : brn blk to blk, carb, mic		0318-1L
			5	Cont : drk brn, dd		0318-2L
2930.00	swc					0278
			100	Sh/Clst: brn blk to gy blk, slt, mic, l		0278-1L
			tr	Cont : lt brn gy, dd		0278-2L
2932.00						0398
			45	Cont : w, bar		0398-1L
			30	Sh/Clst: gy blk to drk gy, slt		0398-2L
			10	Sltst : lt gy to m gy		0398-3L
			10	Cont : prp		0398-4L
			5	S/Sst : w, kln		0398-5L
2941.00						0399
			60	Sh/Clst: drk gy to gy blk to blk, slt, st		0399-1L
			20	Cont : prp		0399-2L
			10	Cont : w, bar		0399-3L
			5	Sltst : lt gy to brn gy		0399-4L
			5	S/Sst : w, kln		0399-5L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
2944.00	swc					0277
			100	Sh/Clst: blk to gy blk, slt, mic, l		0277-1L
			tr	Cont : lt brn gy, dd		0277-2L
2945.20	swc					0317
			100	S/Sst : w to lt gy w to lt gy, mic, crs		0317-1L
			tr	Coal : blk		0317-2L
			tr	Cont : drk brn, dd		0317-3L
2946.00	swc					0316
			100	S/Sst : w to lt gy w to lt gy, mic, crs		0316-1L
			tr	Coal : blk		0316-2L
2946.50	swc					0315
			95	S/Sst : w to lt gy w to lt gy, calc, mic, crs		0315-1L
			5	Cont : drk brn, dd		0315-2L
			tr	Coal : blk		0315-3L
2947.50	swc					0314
			90	S/Sst : w to lt gy w to lt gy, calc, mic, crs		0314-1L
			10	Cont : m brn, dd		0314-2L
2948.00	swc					0313
			95	S/Sst : w to lt gy w, calc, mic		0313-1L
			5	Cont : drk brn, dd		0313-2L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2950.00						0400
			45	Sh/Clst: drk gy to gy blk to blk, slt, st		0400-1L
			30	Cont : prp		0400-2L
			10	Cont : w, bar		0400-3L
			10	Sltst : lt gy to brn gy		0400-4L
			5	S/Sst : w, kln		0400-5L
2951.00	swc					0307
			100	Sh/Clst: gy blk, calc, slt, mic		0307-1L
			tr	S/Sst : lt gy to lt gn gy		0307-2L
2955.00	swc					0306
			100	Sh/Clst: dsk y brn to drk gy, slt, l		0306-1L
			tr	Cont : m brn, dd		0306-2L
2959.00						0401
		4.02	40	Sh/Clst: drk gy to gy blk to blk, slt, st		0401-1L
			30	Cont : prp		0401-2L
			15	Cont : w, bar		0401-3L
			10	Sltst : lt gy to brn gy		0401-4L
			5	S/Sst : w, kln		0401-5L
2969.00	swc					0276
			100	Sltst : blk to gy blk, pyr, cly, mic, l		0276-1L
2975.50	swc					0305
			100	Sh/Clst: dsk brn, slt, mic, l		0305-1L
			tr	Cont : prp		0305-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2977.00						0402
			60	Sh/Clst: drk gy to gy blk to blk, slt, fos, st		0402-1L
			15	Ca : lt gy to lt brn gy, dol		0402-2L
			15	Cont : prp		0402-3L
			10	Sltst : drk gy, st		0402-4L
			tr	Cont : w, bar		0402-5L
2988.00	swc					0275
			90	Sltst : dsk brn to gy blk, cly, mic, l		0275-1L
			10	Cont : drk y brn, dd		0275-2L
			tr	S/Sst : lt gy w, crs, l, kln		0275-3L
2995.00						0403
		3.29	40	Sh/Clst: drk gy to brn gy, calc, slt, mic		0403-1L
			25	Cont : prp		0403-2L
			20	Ca : lt brn gy to lt gy w, dol, ang		0403-3L
			15	Sltst : brn gy, mic		0403-4L
3004.00	swc					0274
			100	Sltst : dsk brn, pyr, cly, mic, l		0274-1L
			tr	Cont : drk y brn, dd		0274-2L
3013.00	swc					0304
			100	Sh/Clst: brn gy, slt, mic, l		0304-1L
			tr	Cont : prp		0304-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3013.00							0404
			35	Sh/Clst	: lt gy to m gy, calc, slt, mic		0404-1L
			35	Cont	: prp		0404-2L
			10	Sltst	: brn gy, cly, mic		0404-3L
			10	S/Sst	: lt gy to brn gy, calc, glauc, f, crs		0404-4L
			10	Ca	: lt gy to brn gy, dol, ang		0404-5L
3023.00	swc						0303
			100	Sh/Clst	: dsk brn to brn blk, slt, mic		0303-1L
3031.00							0405
			40	Cont	: prp		0405-1L
			35	Sh/Clst	: brn gy to drk gy, calc, slt, mic		0405-2L
			10	S/Sst	: brn gy, calc, f		0405-3L
			10	Ca	: lt gy to brn gy, dol, ang		0405-4L
			5	Sh/Clst	: blk, carb		0405-5L
3043.00	swc						0273
			100	Sltst	: dsk brn, cly, mic, l		0273-1L
			tr	Cont	: drk y brn, dd		0273-2L
3049.00							0406
	2.00		40	Sh/Clst	: m gy to brn gy, calc, slt, mic, st		0406-1L
			30	Cont	: ns		0406-2L
			15	Cont	: prp		0406-3L
			15	S/Sst	: lt gy w to lt gy to w, calc, pyr, f		0406-4L
			tr	Sh/Clst	: gy blk, carb		0406-5L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
3060.00		swc				0272
			100	Sltst : dsk brn, cly, mic, l		0272-1L
			tr	Cont : prp		0272-2L
3067.00						0407
			75	Sh/Clst: m gy to brn gy, calc, slt, mic, st		0407-1L
			15	Cont : prp		0407-2L
			5	Sh/Clst: gy blk, carb		0407-3L
			5	Sltst : lt brn gy		0407-4L
3079.00		swc				0271
			100	Sltst : dsk brn, cly, mic, l		0271-1L
			tr	Cont : lt brn gy, dd		0271-2L
3085.00						0408
			80	Sh/Clst: m gy to brn gy, calc, slt, mic, st		0408-1L
			15	Cont : prp		0408-2L
			5	Sltst : lt brn gy to lt gy, calc		0408-3L
			tr	Sh/Clst: gy blk		0408-4L
3097.30		swc				0270
			100	Sh/Clst: dsk brn, slt, mic, l		0270-1L
3103.00						0409
	3.36		90	Sh/Clst: m gy to brn gy, calc, slt, mic, st		0409-1L
			5	Sltst : lt brn gy to lt gy, calc		0409-2L
			5	Cont : prp		0409-3L
			tr	Sh/Clst: gy blk		0409-4L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3114.00	swc						0269
			100	Sh/Clst:	dsk brn, slt, mic, l		0269-1L
			tr	Cont	: drk y brn, dd		0269-2L
3121.00							0410
			85	Sh/Clst:	m gy to brn gy, slt, mic, st		0410-1L
			10	Cont	: prp		0410-2L
			5	Sltst	: lt gy to brn gy, calc		0410-3L
			tr	Sh/Clst:	gy blk		0410-4L
3130.00	swc						0302
			100	Sh/Clst:	dsk brn to brn blk, carb, slt, mic		0302-1L
3139.00							0411
			85	Sh/Clst:	m gy to brn gy, slt, mic, st		0411-1L
			10	Cont	: prp		0411-2L
			5	Sltst	: lt gy to m gy, calc, st		0411-3L
			tr	Sh/Clst:	gy blk		0411-4L
3157.00							0412
			75	Sh/Clst:	brn gy to dsk y brn, slt, mic, st		0412-1L
			20	Sltst	: lt gy to m gy, calc, st		0412-2L
			5	Cont	: prp		0412-3L
3161.00	swc						0268
			100	Sh/Clst:	dsk brn to drk brn, slt, mic, l		0268-1L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3170.00		swc				0301
			100	Sh/Clst: gy blk to brn blk to drk gy, slt, s, mic		0301-1L
			tr	Coal : blk		0301-2L
			tr	Cont : drk brn, dd		0301-3L
3175.00						0413
			80	Sh/Clst: brn gy to dsk y brn, slt, mic, st		0413-1L
			10	Sltst : lt gy to brn gy, calc, st		0413-2L
			10	Cont : prp		0413-3L
			tr	Ca : lt brn gy, f		0413-4L
3178.00		swc				0267
			100	Sh/Clst: dsk brn to drk brn, slt, mic, l		0267-1L
3184.00						0414
			75	Sh/Clst: dsk y brn to drk y brn, slt, mic, glauc, st		0414-1L
			10	Sltst : lt gy to brn gy, calc, glauc		0414-2L
			10	Cont : prp		0414-3L
			5	Ca : lt brn gy		0414-4L
3185.00		swc				0300
			100	Sh/Clst: gy blk to blk, pyr, slt, s, mic		0300-1L
3193.00						0415
			80	Sh/Clst: dsk y brn to drk y brn, slt, mic, st		0415-1L
			10	Sltst : lt gy to brn gy, calc, glauc, st		0415-2L
			10	Cont : prp		0415-3L
			tr	Ca : lt brn gy		0415-4L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3194.30		swc					0266
			100	Sh/Clst:	drk gy to gy blk, carb, slt, mic, l		0266-1L
3202.00							0416
		2.68	80	Sh/Clst:	dsk y brn to brn gy, pyr, slt, mic, st		0416-1L
			10	Sltst :	lt gy to brn gy, calc, mic		0416-2L
			10	Cont :	prp		0416-3L
3203.00		swc					0299
			100	Sltst :	gy blk to blk, cly, mic		0299-1L
			tr	Cont :	drk brn, dd		0299-2L
3206.00		swc					0298
			100	Sh/Clst:	blk to gy blk, slt, mic		0298-1L
			tr	S/Sst :	lt gy w		0298-2L
			tr	Cont :	m brn, dd		0298-3L
3211.00							0417
			85	Sltst :	dsk y brn to brn gy, pyr, cly, mic, st		0417-1L
			15	Cont :	prp		0417-2L
			tr	S/Sst :	w, glauc		0417-3L
			tr	Ca :	lt brn gy		0417-4L
3215.00		ccp					0099
			100	S/Sst :	gy pi to pl brn, slt, crs, ang, l		0099-1L
			tr	Coal :	blk		0099-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3216.20	ccp					0100
			85	S/Sst : ol gy to pl brn, slt, mic, crs, ang, l		0100-1L
			15	Coal : blk		0100-2L
3217.00	ccp					0101
			100	S/Sst : pl y brn, slt, f, crs, l		0101-1L
			tr	Coal : blk		0101-2L
3218.00	ccp					0102
			100	Coal : blk, pyr		0102-1L
3219.00	ccp					0103
			100	Coal : blk, s, lam		0103-1L
3220.00	ccp					0104
			100	Coal : blk to gy blk, s, lam		0104-1L
3220.00						0418
			40	S/Sst : w, f, crs, l		0418-1L
			40	Coal : blk, crs, ang		0418-2L
			10	Sh/Clst: brn gy, slt, mic		0418-3L
			5	Cont : lt gy, dd		0418-4L
			5	Cont : prp		0418-5L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3221.00		ccp					0105
		8.77	100	Coal	: blk to brn blk to gy blk		0105-1L
3222.00		ccp					0106
			100	Coal	: blk to brn blk to gy blk, pyr		0106-1L
3223.00		ccp					0107
			100	Coal	: blk to gy blk, pyr		0107-1L
3224.00		ccp					0108
			85	S/Sst	: brn gy, mic, crs, hd, ang		0108-1L
			15	Coal	: blk		0108-2L
3225.00		ccp					0109
			100	Coal	: gy blk to blk, mic, hd		0109-1L
3226.00		ccp					0110
			100	S/Sst	: pl y brn, slt, mic, hd		0110-1L
			tr	Cont	: lt brn		0110-2L
3227.00		ccp					0111
			100	S/Sst	: drk y brn to gy brn, mic, hd, lam		0111-1L
			tr	Coal	: blk		0111-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3228.00	ccp						0112
			100	Sltst	: lt or to or gy, calc, s, mic		0112-1L
			tr	Coal	: blk		0112-2L
3229.00	ccp						0113
			100	Coal	: drk gy to lt blk, mic, hd		0113-1L
			tr	Cont	: lt brn, dd		0113-2L
3229.00							0419
			30	Sh/Clst	: brn gy, slt, mic		0419-1L
			25	S/Sst	: w, f, crs, l		0419-2L
			20	Coal	: blk, ang		0419-3L
			20	Cont	: prp		0419-4L
			5	Cont	: lt gy, dd		0419-5L
3230.00	ccp						0114
			100	Coal	: blk, hd		0114-1L
			tr	Cont	: lt brn, dd		0114-2L
3231.00	ccp						0115
			100	Coal	: blk, hd		0115-1L
			tr	Cont	: lt brn, dd		0115-2L
3232.00	ccp						0116
			100	Coal	: gy blk, s, mic, hd		0116-1L
			tr	Cont	: lt brn, dd		0116-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3233.00	ccp					0117
			60	S/Sst : lt gy to lt brn gy, mic, hd		0117-1L
			40	Coal : blk, s, mic, hd		0117-2L
			tr	Cont : lt brn, dd		0117-3L
3234.00	ccp					0118
			100	Coal : blk, hd		0118-1L
			tr	Cont : lt brn		0118-2L
3235.00	ccp					0119
			100	S/Sst : pl brn, cly, f, hd		0119-1L
			tr	Cont : lt brn, dd		0119-2L
3236.00	ccp					0120
			100	Coal : drk brn to m brn to blk, pyr, mic, hd		0120-1L
			tr	Cont : lt brn, dd		0120-2L
3236.80	ccp					0121
			90	S/Sst : drk y brn, slt, mic, hd		0121-1L
			10	Coal : blk, mic		0121-2L
			tr	Cont : lt brn, dd		0121-3L
3238.00						0420
			45	Coal : blk, ang		0420-1L
			30	Cont : prp		0420-2L
			20	Sh/Clst: brn gy, slt, mic, st		0420-3L
			5	S/Sst : w, f, ang		0420-4L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3239.00	ccp					0122
			80	S/Sst : drk y brn, lam		0122-1L
			20	Coal : blk		0122-2L
			tr	Cont : lt brn, dd		0122-3L
3240.00	ccp					0123
			100	Coal : blk		0123-1L
			tr	Cont : lt brn, dd		0123-2L
3241.00	ccp					0124
			95	S/Sst : w to lt gy w, calc, crs, hd		0124-1L
			5	Coal : lt brn gy, slt		0124-2L
3241.60	ccp					0138
			100	S/Sst : m y brn to or gy, slt, mic, hd		0138-1L
			tr	Coal : blk		0138-2L
			tr	Cont : lt brn, dd		0138-3L
3242.00	ccp					0125
			100	Coal : blk, hd		0125-1L
			tr	S/Sst : lt gy		0125-2L
			tr	Cont : lt brn, dd		0125-3L
3242.50	ccp					0126
			90	S/Sst : m y brn to pl y brn to blk, mic, crs, hd		0126-1L
			10	Coal : blk		0126-2L
			tr	Cont : lt brn, dd		0126-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3243.00		ccp				0127
			90	S/Sst : lt gy to m y brn, mic, crs, hd		0127-1L
			10	Coal : blk		0127-2L
			tr	Cont : lt brn, dd		0127-3L
3244.00		ccp				0128
			100	Coal : blk to gy blk to m gy, s		0128-1L
			tr	Cont : lt brn, dd		0128-2L
3245.00		ccp				0129
			100	Coal : gy blk to blk, cly, hd		0129-1L
			tr	Cont : lt brn, dd		0129-2L
3246.00		ccp				0130
			90	Coal : blk, hd		0130-1L
			5	Other : gy blk		0130-2L
			5	Cont : lt brn, dd		0130-3L
3247.00		ccp				0131
		58.08	100	Coal : ol blk to blk, hd, fis		0131-1L
3247.00						0421
			35	Cont : prp		0421-1L
			25	Coal : blk, ang		0421-2L
			25	Sh/Clst: brn gy, slt, mic		0421-3L
			10	S/Sst : w, f, crs, l		0421-4L
			5	Cont : lt gy, dd		0421-5L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth	Type			Trb	Sample
Int Cvd	TOC%	%	Lithology description		
3248.00	ccp				0132
		95	Sh/Clst: drk gy to gy blk, carb, hd		0132-1L
		5	Cont : lt brn, dd		0132-2L
3249.00	ccp				0133
		95	Coal : brn blk to blk, cly, hd, fis		0133-1L
		5	Cont : drk y brn, dd		0133-2L
3250.00	ccp				0134
		100	Sh/Clst: lt brn gy, hd		0134-1L
		tr	Coal : blk		0134-2L
		tr	Cont : lt brn, dd		0134-3L
3250.50	ccp				0135
		100	Sh/Clst: brn gy to drk gy, hd		0135-1L
		tr	Cont : lt brn, dd		0135-2L
		tr	Coal : blk		0135-3L
3251.00	ccp				0136
		100	Sh/Clst: drk y brn, hd		0136-1L
		tr	Coal : blk		0136-2L
		tr	Cont : lt brn, dd		0136-3L
3251.50	ccp				0137
		100	Sh/Clst: brn gy, hd		0137-1L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3252.80	ccp					0139
			100	Sh/Clst: brn gy, mic, hd		0139-1L
			tr	Coal : blk		0139-2L
3253.50	ccp					0140
			100	S/Sst : brn gy, pyr, hd		0140-1L
			tr	Cont : lt brn, dd		0140-2L
3254.00	ccp					0141
			100	Sh/Clst: brn gy, hd		0141-1L
			tr	Cont : lt gy		0141-2L
3255.00	ccp					0142
			100	Sh/Clst: gy brn to dsk brn, hd, fis		0142-1L
			tr	Coal : blk		0142-2L
			tr	Cont : lt brn, dd		0142-3L
3256.00	ccp					0143
			95	S/Sst : lt brn gy, mic, hd		0143-1L
			5	Coal : blk		0143-2L
			tr	Cont : lt brn, dd		0143-3L
3256.00						0422
			45	Cont : prp		0422-1L
			20	Coal : blk, ang		0422-2L
			15	Sh/Clst: m gy to drk gy		0422-3L
			15	S/Sst : w, f, crs, l		0422-4L
			5	Cont : lt gy, dd		0422-5L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3257.00		ccp				0144
			100	S/Sst : lt brn gy to lt gy, mic, hd		0144-1L
			tr	Coal : blk		0144-2L
			tr	Cont : lt brn		0144-3L
3257.80		ccp				0145
			100	S/Sst : lt brn gy, mic, crs, hd		0145-1L
			tr	Coal : blk		0145-2L
			tr	Cont : lt brn, dd		0145-3L
3258.30		ccp				0146
			100	S/Sst : lt gy w to lt brn gy, mic, crs, hd		0146-1L
			tr	Coal : blk		0146-2L
3259.00		ccp				0147
			95	S/Sst : lt gy w to w to m y brn, mic, f, l		0147-1L
			5	Cont : blk		0147-2L
			tr	Coal : lt brn gy, dd		0147-3L
3260.00		ccp				0148
			95	S/Sst : lt gy w to m y brn to pl y brn, mic, f, hd		0148-1L
			5	Coal : blk		0148-2L
			tr	Cont : lt brn, dd		0148-3L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3261.00		ccp				0149
			70	S/Sst : lt gy w to lt brn gy, mic, f, hd		0149-1L
			30	Coal : blk, hd		0149-2L
3262.00		ccp				0150
			95	S/Sst : lt brn gy, mic, f, hd		0150-1L
			5	Cont : lt brn		0150-2L
			tr	Coal : blk, dd		0150-3L
3263.00		ccp				0151
			95	Coal : blk, hd		0151-1L
			5	Cont : lt brn, dd		0151-2L
3264.00		ccp				0152
			100	Sh/Clst: drk gy, slt, hd		0152-1L
			tr	Cont : lt brn, dd		0152-2L
3265.00		ccp				0153
			100	S/Sst : blk to drk brn, mic, fis		0153-1L
			tr	Cont : lt brn, dd		0153-2L
3265.00						0423
			45	Coal : blk, ang		0423-1L
			25	Sh/Clst: brn gy to m brn gy		0423-2L
			20	Cont : prp		0423-3L
			10	Ca : w, f		0423-4L
			tr	S/Sst : w, f		0423-5L
			tr	Cont : lt gy, dd		0423-6L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3266.00		ccp				0154
			100	S/Sst : lt gy to lt brn to blk, mic, crs, l		0154-1L
3267.00		ccp				0155
			100	S/Sst : lt brn gy to gy brn, mic, fis		0155-1L
			tr	Cont : lt brn, dd		0155-2L
3267.50		ccp				0156
			100	Sltst : dsk y brn to drk gy, mic, hd		0156-1L
			tr	Cont : lt brn		0156-2L
			tr	Coal : blk		0156-3L
3267.80		ccp				0157
			100	Sltst : brn blk to m gy, carb, mic, hd		0157-1L
			tr	Cont : lt brn, dd		0157-2L
			tr	Coal : blk		0157-3L
3269.00		ccp				0158
			100	S/Sst : gy brn to blk, carb, slt, mic, hd, lam		0158-1L
			tr	Cont : lt brn gy, dd		0158-2L
3270.00		ccp				0159
			100	S/Sst : w to blk, mic, f, crs, hd, calc		0159-1L
			tr	Cont : lt brn gy, dd		0159-2L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3271.00	ccp						0160
			70	Coal	: blk, hd		0160-1L
			30	S/Sst	: drk y brn to gy brn, mic, f, hd		0160-2L
			tr	Cont	: lt brn gy, dd		0160-3L
3272.00	ccp						0161
			100	S/Sst	: lt brn gy to pl brn, mic, f, hd, lam		0161-1L
			tr	Cont	: lt brn gy, dd		0161-2L
3273.00	ccp						0162
			100	S/Sst	: lt gy w to gy brn, cly, mic, f, hd, lam		0162-1L
3274.00	ccp						0163
			95	Sh/Clst	: dsk y brn, carb, slt, mic, hd		0163-1L
			5	Cont	: lt brn gy, dd		0163-2L
3274.00							0424
			45	Sh/Clst	: gy blk to blk, carb		0424-1L
			25	Sh/Clst	: brn gy to m brn gy		0424-2L
			25	Cont	: prp		0424-3L
			5	S/Sst	: w, f		0424-4L
			tr	Cont	: lt gy, dd		0424-5L
3275.00	ccp						0164
			100	S/Sst	: pl y brn to lt brn gy, carb, mic, f, hd		0164-1L
			tr	Cont	: lt brn gy, dd		0164-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3276.00	ccp					0165
			100	Sh/Clst: gy blk to blk, carb, slt, mic, hd		0165-1L
			tr	Cont : lt brn gy, dd		0165-2L
3277.10	ccp					0166
			100	Sh/Clst: dsk brn to brn gy, hd		0166-1L
			tr	Coal : blk		0166-2L
			tr	Cont : lt brn gy, dd		0166-3L
3278.00	ccp					0167
			95	S/Sst : lt gy w to lt brn gy to w, mic, f, hd		0167-1L
			5	Cont : lt brn gy, dd		0167-2L
			tr	Coal : blk		0167-3L
3279.00	ccp					0168
			100	S/Sst : lt gy w to w, mic, f, hd		0168-1L
			tr	Cont : lt brn gy, dd		0168-2L
3280.00	ccp					0169
			100	S/Sst : w to lt gy w, mic, f, hd		0169-1L
			tr	Cont : lt brn gy, dd		0169-2L
			tr	Coal : blk		0169-3L
3281.00	ccp					0170
			95	S/Sst : lt gy w to lt gy, mic, f, hd		0170-1L
			5	Cont : lt brn gy, dd		0170-2L
			tr	Coal : blk		0170-3L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3282.00	ccp					0171
			95	S/Sst : dsk brn to blk, carb, mic, hd, lam, fis		0171-1L
			5	Cont : lt brn gy, dd		0171-2L
3283.00	ccp					0172
			70	Coal : gy blk to blk, hd		0172-1L
			30	S/Sst : lt gy to m gy, crs, hd		0172-2L
			tr	Cont : lt brn gy, dd		0172-3L
3284.00	ccp					0173
			100	S/Sst : lt gy w to brn gy to lt brn gy, mic, f, hd, lam		0173-1L
			tr	Coal : blk		0173-2L
			tr	Cont : lt brn gy, dd		0173-3L
3285.00	ccp					0174
			70	Sh/Clst: drk brn to dsk brn, slt, s, mic, hd		0174-1L
			20	S/Sst : lt gy, mic, f, hd		0174-2L
			10	Other : drk y brn, rnd		0174-3L
			tr	Coal : blk		0174-4L
			tr	Cont : lt brn gy, dd		0174-5L
3286.00	ccp					0175
			50	S/Sst : lt gy w to ol gy, mic, f, hd		0175-1L
			40	Sh/Clst: gy brn to blk, slt, s, mic, hd		0175-2L
			5	Coal : blk		0175-3L
			5	Cont : lt brn gy, dd		0175-4L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3286.60		ccp				0176
			100	S/Sst : w to lt gy w, crs, hd, kln		0176-1L
			tr	Cont : lt brn gy, dd		0176-2L
			tr	Coal : blk		0176-3L
3287.00		ccp				0177
			100	S/Sst : lt gy w to lt gy to gy brn to brn gy, carb, mic, crs, hd, lam, kln		0177-1L
3288.00		ccp				0178
			95	S/Sst : lt gy to dsk brn to blk, carb, mic, hd, lam		0178-1L
			5	Cont : m brn gy, dd		0178-2L
3289.00		ccp				0179
			100	Sh/Clst: dsk brn, slt, mic, hd		0179-1L
			tr	Cont : lt brn gy, dd		0179-2L
3289.90		ccp				0180
			90	S/Sst : lt brn gy, mic, f, hd		0180-1L
			10	Coal : blk to dsk brn		0180-2L
3291.00		ccp				0181
			95	S/Sst : lt gy to gy brn to blk, carb, slt, mic, f, hd, lam		0181-1L
			5	Cont : lt brn gy, dd		0181-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3292.00						0426
			40	Cont : prp		0426-1L
			25	Sh/Clst: brn gy, slt, mic		0426-2L
			15	Sh/Clst: gy blk to blk, carb, slt		0426-3L
			10	Coal : blk, ang		0426-4L
			5	S/Sst : lt gy w, mic, f		0426-5L
			5	Cont : lt gy, dd		0426-6L
3293.00	ccp					0182
			85	S/Sst : lt gy to lt gy w to y gy, carb, slt, mic, f, hd, lam		0182-1L
			15	Coal : blk to dsk brn		0182-2L
3294.00	ccp					0183
			100	S/Sst : lt gy w to lt gy, carb, slt, mic, f, hd, lam		0183-1L
3295.00	ccp					0184
			95	Sltst : gy blk, carb, mic, hd		0184-1L
			5	Cont : lt brn gy, dd		0184-2L
3296.00	ccp					0185
			100	S/Sst : w to pl y brn to drk y brn, mic, crs, l, kln		0185-1L
			tr	Cont : lt brn gy, dd		0185-2L
3297.00	ccp					0186
			95	S/Sst : w to pl y brn to drk y brn, mic, crs, hd, kln		0186-1L
			5	Cont : m brn gy, dd		0186-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3298.00	ccp						0187
			100	S/Sst	: w to pl y brn to drk y brn, mic, f, hd, kln		0187-1L
			tr	Cont	: m brn gy, dd		0187-2L
			tr	Coal	: blk		0187-3L
3299.00	ccp						0188
			100	S/Sst	: w to pl y brn to drk y brn, mic, f, hd, kln		0188-1L
			tr	Cont	: m brn gy, dd		0188-2L
3299.60	ccp						0189
			100	S/Sst	: w to lt gy to m gy, crs, hd, kln, rnd		0189-1L
			tr	Cont	: lt brn gy, dd		0189-2L
			tr	Coal	: blk		0189-3L
3301.00							0427
			45	S/Sst	: w, f, crs, l		0427-1L
			30	Cont	: prp		0427-2L
			15	Sh/Clst	: drk gy to gy blk, slt		0427-3L
			10	Cont	: lt gy, dd		0427-4L
			tr	Coal	: blk, ang		0427-5L
3304.00	ccp						0190
			100	Congl	: w to lt gy to m gy, crs, hd, kln		0190-1L
			tr	Cont	: lt brn gy, dd		0190-2L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3304.82	ccp					0193
			100	Congl : w to lt gy to m gy, mic, crs, hd, l, kln		0193-1L
			tr	Coal : blk		0193-2L
3305.00	ccp					0191
			100	Congl : w to lt gy to m gy, crs, hd, l, kln		0191-1L
			tr	Cont : prp		0191-2L
3306.00	ccp					0192
			100	Congl : w to lt gy to m gy, mic, crs, hd, kln		0192-1L
			tr	Coal : blk		0192-2L
3307.00	ccp					0194
			50	S/Sst : w to lt gy to m gy, carb, mic, crs, hd, kln		0194-1L
			25	Congl : w to lt gy to m gy, mic, crs, hd, l, kln		0194-2L
			25	Coal : gy blk to blk		0194-3L
3309.00	ccp					0195
			100	S/Sst : w to lt gy to m gy to brn gy, pyr, mic, crs, hd, lam, kln		0195-1L
			tr	Coal : blk		0195-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Lithology description	Trb	Sample
3310.00		ccp				0196
			100	S/Sst : w to lt gy to m gy, pyr, mic, crs, hd, kln		0196-1L
3310.00						0428
			50	S/Sst : w, crs, l		0428-1L
			35	Cont : prp		0428-2L
			5	Sh/Clst: drk gy to brn gy, slt		0428-3L
			5	Cont : lt gy, dd		0428-4L
			5	Ca : w, f		0428-5L
3311.00		ccp				0197
			100	S/Sst : w to m brn to drk brn, mic, hd, cngl, kln		0197-1L
			tr	Cont : brn gy, dd		0197-2L
			tr	Coal : blk		0197-3L
3311.53		ccp				0198
			100	S/Sst : w to lt gy to brn gy, mic, f, hd, lam, kln		0198-1L
			tr	Cont : lt brn gy, dd		0198-2L
3312.00		ccp				0199
			100	S/Sst : lt gy w to lt gy, mic, f, hd, lam, kln		0199-1L
			tr	Coal : blk		0199-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3313.00	ccp					0200
			100	S/Sst : lt gy w to lt gy to m gy, mic, f, hd, kln		0200-1L
			tr	Coal : blk		0200-2L
			tr	Cont : lt brn gy, dd		0200-3L
3314.00	ccp					0201
			100	S/Sst : lt gy w to lt gy to y gy, mic, f, hd, lam, kln		0201-1L
			tr	Cont : lt brn gy		0201-2L
3315.00	ccp					0202
			100	S/Sst : lt gy w to lt gy to y gy, mic, f, hd, kln, lam		0202-1L
			tr	Coal : blk		0202-2L
			tr	Cont : prp		0202-3L
3316.00	ccp					0203
			95	S/Sst : lt gy w to lt gy to pl y brn, mic, f, hd, lam		0203-1L
			5	Cont : lt brn gy, dd		0203-2L
			tr	Coal : blk		0203-3L
3317.00	ccp					0204
			100	S/Sst : lt gy w to lt gy to pl y brn, mic, f, hd, lam		0204-1L
			tr	Coal : blk		0204-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3318.00	ccp					0205
			100	S/Sst : lt gy to y gy, mic, f, hd, l		0205-1L
			tr	Coal : blk		0205-2L
			tr	Cont : lt brn gy, dd		0205-3L
3319.00	ccp					0206
			100	S/Sst : lt gy w to lt gy to m gy, mic, f, hd		0206-1L
			tr	Coal : blk		0206-2L
3319.00						0429
			80	S/Sst : w, crs, l		0429-1L
			10	Cont : prp		0429-2L
			10	Cont : lt gy, dd		0429-3L
			tr	Ca : w, f		0429-4L
			tr	Sh/Clst: drk gy, slt		0429-5L
3320.00	ccp					0207
			100	S/Sst : lt gy w to lt gy to m gy, mic, f, hd, l		0207-1L
			tr	Coal : blk		0207-2L
			tr	Cont : lt brn gy, dd		0207-3L
3320.75	ccp					0208
			100	S/Sst : y gy to m gy, f, hd		0208-1L
			tr	Coal : blk		0208-2L
			tr	Cont : lt brn gy, dd		0208-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3321.20	ccp					0209
			100	S/Sst : y gy to m gy, mic, f, hd		0209-1L
			tr	Cont : lt brn gy, dd		0209-2L
3328.00	ccp					0210
			100	S/Sst : y gy to m gy, mic, f, hd		0210-1L
			tr	Cont : lt brn gy, dd		0210-2L
			tr	Cont : prp		0210-3L
3328.00						0430
			50	S/Sst : w, f, crs, ang, l		0430-1L
			25	Cont : lt gy, dd		0430-2L
			20	Cont : prp		0430-3L
			5	Sh/Clst: drk gy, slt		0430-4L
3329.00	ccp					0211
			100	S/Sst : y gy to m gy to lt brn, mic, f, hd		0211-1L
			tr	Cont : lt brn gy, dd		0211-2L
			tr	Coal : blk		0211-3L
3330.00	ccp					0212
			100	S/Sst : y gy to m gy to lt brn, mic, f, hd, lam		0212-1L
			tr	Coal : blk		0212-2L
			tr	Cont : prp		0212-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3331.00	ccp					0213
			100	S/Sst : y gy to m gy to lt brn, mic, f, hd, lam		0213-1L
			tr	Coal : blk		0213-2L
3332.00	ccp					0214
			100	S/Sst : y gy to m gy to lt brn, mic, f, hd, lam		0214-1L
			tr	Coal : blk		0214-2L
3333.00	ccp					0215
			100	S/Sst : y gy to m gy to lt brn, mic, f, hd, lam		0215-1L
			tr	Coal : blk		0215-2L
			tr	Cont : lt brn gy, dd		0215-3L
3334.00	ccp					0216
			100	S/Sst : pl y brn to blk to lt gy, carb, mic, glauc, hd, lam, fis		0216-1L
			tr	Cont : lt brn gy, dd		0216-2L
3335.00	ccp					0217
			100	S/Sst : lt gy to lt gy w, mic, glauc, hd		0217-1L
			tr	Coal : blk		0217-2L
			tr	Cont : lt brn gy, dd		0217-3L
3336.00	ccp					0218
			100	S/Sst : lt gy to m gy to drk brn, mic, f, hd		0218-1L
			tr	Coal : blk		0218-2L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3337.00	ccp						0219
			100	Sh/Clst	: gy blk to drk gy, slt, mic, hd, fis, lam		0219-1L
			tr	S/Sst	: lt gy w, f		0219-2L
			tr	Coal	: blk		0219-3L
3337.00							0431
			40	Cont	: lt gy, dd		0431-1L
			30	Cont	: prp		0431-2L
			25	S/Sst	: w, f, crs, l		0431-3L
			5	Sh/Clst	: gy blk		0431-4L
3338.00	ccp						0220
			75	S/Sst	: gy blk, carb, pyr, slt, cly, mic, f, hd, lam		0220-1L
			25	S/Sst	: lt gy w to lt gy, mic, f, hd		0220-2L
3339.00	ccp						0221
			100	S/Sst	: lt gy to y gy, mic, f, hd		0221-1L
			tr	Coal	: blk		0221-2L
3340.00	ccp						0222
			100	Sltst	: gy blk, pyr, mic, hd		0222-1L
			tr	Coal	: blk		0222-2L
3341.00	ccp						0223
			50	Sh/Clst	: gy blk to blk, carb, s, mic, hd, lam		0223-1L
			50	S/Sst	: lt gy to m gy, mic, f, hd		0223-2L
			tr	Coal	: blk		0223-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3342.00	ccp					0224
			50	Sh/Clst: gy blk to blk, carb, slt, hd, lam		0224-1L
			50	S/Sst : lt gy w to m gy to drk y brn, carb, mic, f, crs, hd		0224-2L
3343.00	ccp					0225
		2.37	100	Sh/Clst: gy blk to blk, carb, pyr, slt, hd		0225-1L
			tr	Cont : lt brn gy, dd		0225-2L
3344.00	ccp					0226
			100	S/Sst : lt gy w to lt gy to m gy, mic, crs, hd, kln		0226-1L
			tr	Coal : blk		0226-2L
3345.00	ccp					0227
			100	S/Sst : lt gy w to lt gy to m gy, mic, crs, hd, kln		0227-1L
			tr	Coal : blk		0227-2L
			tr	Cont : lt brn gy, dd		0227-3L
3346.00	ccp					0228
			100	S/Sst : lt gy w to lt gy to m gy, mic, crs, hd, kln		0228-1L
			tr	Coal : blk		0228-2L
			tr	Cont : lt brn gy, dd		0228-3L
			tr	Cont : prp		0228-4L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3346.28	ccp					0229
			95	S/Sst : lt gy w to lt gy to m gy, mic, crs, hd, kln		0229-1L
			5	Cont : m brn gy, dd		0229-2L
			tr	Coal : blk		0229-3L
3347.00	ccp					0230
			100	S/Sst : w to lt gy to m gy, mic, crs, hd, kln		0230-1L
3348.00	ccp					0231
			100	S/Sst : w to lt gy to m gy, mic, crs, hd, kln		0231-1L
			tr	Coal : gy blk		0231-2L
3349.00	ccp					0232
			100	S/Sst : w to lt gy to m gy, pyr, mic, crs, hd, kln		0232-1L
			tr	Cont : m gy brn, dd		0232-2L
3350.00	ccp					0233
			100	S/Sst : w to lt gy to m gy, pyr, mic, crs, hd, kln		0233-1L
			tr	Coal : gy blk		0233-2L
			tr	Cont : m gy brn, dd		0233-3L
3351.00	ccp					0234
			100	S/Sst : w to lt gy to m gy, pyr, mic, crs, hd, kln		0234-1L
			tr	Coal : gy blk		0234-2L
			tr	Cont : m gy brn, dd		0234-3L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3352.00	ccp					0235
			100	S/Sst : w to lt gy to y gy, pyr, mic, crs, hd, kln		0235-1L
			tr	Coal : gy blk		0235-2L
3353.00	ccp					0236
			100	S/Sst : w to lt gy to m gy, mic, crs, hd, kln		0236-1L
			tr	Cont : lt brn gy, dd		0236-2L
3354.00	ccp					0237
			100	S/Sst : w to lt gy to m gy, pyr, mic, crs, hd, kln		0237-1L
			tr	Coal : gy blk		0237-2L
			tr	Cont : lt brn gy, dd		0237-3L
3355.00	ccp					0238
			100	S/Sst : w to lt gy to m gy, pyr, mic, crs, hd, kln		0238-1L
			tr	Coal : gy blk		0238-2L
			tr	Cont : lt brn gy, dd		0238-3L
3355.00						0432
			65	S/Sst : w, glauc, f, crs, l		0432-1L
			15	Cont : prp		0432-2L
			10	Sh/Clst: lt gy to m gy, calc, slt		0432-3L
			10	Cont : lt gy, dd		0432-4L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3355.87	ccp					0239
			100	S/Sst : w to lt gy to m gy, pyr, mic, crs, hd, kln		0239-1L
			tr	Coal : gy blk		0239-2L
			tr	Cont : lt brn gy, dd		0239-3L
3373.00						0433
			55	S/Sst : w, mic, f, crs, l		0433-1L
			15	Cont : prp		0433-2L
			15	Cont : lt gy, dd		0433-3L
			10	Sh/Clst: brn gy		0433-4L
			5	Sh/Clst: drk gy to gy blk, slt		0433-5L
			tr	Coal : blk, ang		0433-6L
3386.00	swc					0297
			100	S/Sst : lt gy w to m gy to lt gn gy, calc, mic, crs		0297-1L
3391.00						0434
			65	S/Sst : w, mic, crs, l		0434-1L
			20	Cont : prp		0434-2L
			15	Cont : lt gy, dd		0434-3L
			tr	Sh/Clst: brn gy		0434-4L
			tr	Sh/Clst: drk gy to gy blk, slt		0434-5L
			tr	Coal : blk, ang		0434-6L
3396.50	swc					0265
			100	Sh/Clst: blk to gy blk, slt, mic		0265-1L
			tr	Cont : lt brn gy, dd		0265-2L
			tr	Cont : prp		0265-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3408.00		swc					0264
			90	S/Sst	: lt gy w to lt gy, mic, l, kln		0264-1L
			10	Sh/Clst	: drk gy		0264-2L
			tr	Coal	: blk		0264-3L
3409.00							0435
			70	S/Sst	: w, mic, crs, l		0435-1L
			20	Cont	: lt gy to lt brn gy, dd		0435-2L
			5	Sh/Clst	: brn gy		0435-3L
			5	Cont	: prp		0435-4L
3418.00		swc					0263
		0.62	90	Sltst	: m gy to drk gy, mic, l		0263-1L
			10	Cont	: drk y brn, dd		0263-2L
			tr	Coal	: blk		0263-3L
3427.00							0436
			60	S/Sst	: w, mic, f, crs, l		0436-1L
			15	Cont	: lt gy to lt brn gy, dd		0436-2L
			15	Cont	: prp		0436-3L
			10	Sh/Clst	: brn gy to m gy, slt		0436-4L
			tr	Sh/Clst	: brn gy		0436-5L
3435.00		swc					0262
			100	S/Sst	: lt gy w to lt gy, mic, crs, l, kln		0262-1L
			tr	Cont	: drk y brn, dd		0262-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3442.00	swc					0296
			85	S/Sst : lt gy w to lt gy, calc, mic		0296-1L
			15	Cont : m brn, dd		0296-2L
			tr	Coal : blk		0296-3L
3445.00						0437
			65	S/Sst : w, mic, f, crs, l		0437-1L
			15	Cont : prp		0437-2L
			10	Sh/Clst: lt gy, calc, slt		0437-3L
			5	Sltst : brn gy, cly, mic		0437-4L
			5	Cont : w, f, bar		0437-5L
3453.50	swc					0261
			100	S/Sst : lt gy w to lt gy, mic, l, kln		0261-1L
			tr	Coal : blk		0261-2L
3463.00						0438
			75	S/Sst : w, mic, f, crs, l		0438-1L
			15	Cont : prp		0438-2L
			10	Cont : lt gy, dd		0438-3L
3465.50	swc					0260
			100	S/Sst : lt gy w to lt gy to drk gy, mic, l, lam, kln		0260-1L
			tr	Coal : blk		0260-2L
			tr	Cont : drk y brn, dd		0260-3L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3481.00						0452
			85	S/Sst : w, calc, mic, f, crs, l		0452-1L
			10	Cont : prp		0452-2L
			5	Cont : lt gy, dd		0452-3L
			tr	Sh/Clst: drk gy, slt		0452-4L
3483.50	swc					0259
			100	S/Sst : lt gy w to lt gy to drk gy, calc, pyr, cly, mic, l		0259-1L
			tr	Coal : blk		0259-2L
3499.00						0453
			80	S/Sst : w, calc, mic, f, crs, l		0453-1L
			15	Cont : prp		0453-2L
			5	Cont : lt gy, dd		0453-3L
3517.00						0454
			85	S/Sst : w, calc, mic, crs, l		0454-1L
			10	Cont : lt gy, dd		0454-2L
			5	Cont : prp		0454-3L
3520.00	swc					0295
			80	S/Sst : lt gy w to lt gy to m gy, calc, mic		0295-1L
			20	Cont : m brn, dd		0295-2L
			tr	Coal : blk		0295-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3531.00	swc					0258
			95	S/Sst : lt gy w to lt gy, mic, f, l		0258-1L
			5	Cont : drk y brn, dd		0258-2L
			tr	Coal : blk		0258-3L
3534.00	swc					0257
			100	S/Sst : lt gy to m gy, mic, crs, l		0257-1L
			tr	Coal : blk		0257-2L
			tr	Cont : drk y brn, dd		0257-3L
			tr	Cont : prp		0257-4L
3535.00						0455
			90	S/Sst : w, calc, mic, f, crs, l		0455-1L
			10	Cont : prp		0455-2L
			tr	Sh/Clst: m brn, slt, fe		0455-3L
			tr	Cont : lt gy, dd		0455-4L
3546.00	swc					0294
			100	S/Sst : lt gy w to lt gy to m gy, calc, mic		0294-1L
			tr	Coal : blk		0294-2L
3553.00						0456
			45	S/Sst : w, calc, mic, glauc, f, crs, l		0456-1L
			40	Cont : lt gy to m gy, dd		0456-2L
			15	Cont : prp		0456-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3558.50	swc					0256
			90	Sltst : lt gy to lt gy w to gy blk, carb, pyr, mic, l		0256-1L
			10	Cont : drk y brn, dd		0256-2L
3567.00	swc					0255
			100	S/Sst : dsk y brn to brn gy to lt gy, carb, cly, mic, l		0255-1L
			tr	Cont : drk y brn, dd		0255-2L
3571.00						0457
			60	S/Sst : w, calc, mic, glauc, f, crs, l		0457-1L
			15	Cont : lt gy to lt brn gy, dd		0457-2L
			15	Cont : prp		0457-3L
			10	Sh/Clst: lt gy to m gy, calc		0457-4L
3576.90	swc					0254
			100	S/Sst : lt gy w to lt gy to m gy, mic, f, l		0254-1L
			tr	Coal : blk		0254-2L
			tr	Cont : drk y brn, dd		0254-3L
3588.00	swc					0253
			100	Sltst : lt gy to m gy to gy blk, carb, mic, l		0253-1L
			tr	Cont : drk y brn, dd		0253-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3589.00						0458
			85	S/Sst : w, calc, mic, f, crs, l		0458-1L
			10	Cont : prp		0458-2L
			5	Cont : lt brn gy, dd		0458-3L
3607.00						0459
			80	S/Sst : w to lt gy w, calc, mic, glauc, f		0459-1L
			10	Cont : prp		0459-2L
			5	Cont : lt brn gy, dd		0459-3L
			5	Sh/Clst: lt gy to m gy, calc		0459-4L
3609.00	swc					0252
			95	S/Sst : lt gy to drk gy to gy blk, carb, mic, f, l		0252-1L
			5	Cont : lt brn gy, dd		0252-2L
3616.00	swc					0251
			100	S/Sst : lt gy to m gy to blk, carb, slt, cly, mic, l		0251-1L
			tr	Cont : brn gy, dd		0251-2L
3625.00						0460
			75	S/Sst : w to lt gy w to brn gy, calc, mic, f, crs, l		0460-1L
			15	Cont : prp		0460-2L
			10	Sh/Clst: m gy, calc, slt, mic		0460-3L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3629.00		swc				0250
			70	S/Sst : lt gy to m gy, mic, l		0250-1L
			30	Sh/Clst: brn gy to drk gy, slt, mic		0250-2L
3635.00		swc				0249
			100	Sltst : lt gy to m gy to brn gy, cly, mic, l		0249-1L
			tr	Coal : blk		0249-2L
			tr	Cont : gy brn, dd		0249-3L
3640.30		swc				0293
			100	S/Sst : lt gy w to lt gy to drk gy to gy blk, cly, mic, f, lam		0293-1L
3643.00						0440
			60	S/Sst : w to lt gy, calc, mic, f, crs, l		0440-1L
			15	Sh/Clst: brn gy, slt, mic		0440-2L
			15	Cont : prp		0440-3L
			10	Sh/Clst: lt gy, calc, slt		0440-4L
3649.00		swc				0248
	1.36		100	Sh/Clst: brn gy to dsk brn, slt, mic, l		0248-1L
			tr	Cont : pl brn, dd		0248-2L
3652.00						0441
			55	Sh/Clst: lt brn gy to lt gy, calc, slt		0441-1L
			25	Sltst : brn gy, calc, cly, mic		0441-2L
			10	S/Sst : w to lt gy, calc, f, crs		0441-3L
			10	Cont : prp		0441-4L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth	Type			Trb	Sample
Int Cvd	TOC%	%	Lithology description		
3660.30	swc				0247
		100	Sltst : lt gy to drk gy to gy blk, carb, cly, mic, l		0247-1L
3661.00					0442
		40	S/Sst : w to lt gy, calc, carb, f, crs, l		0442-1L
		35	Sh/Clst: lt gy, calc, slt		0442-2L
		15	Cont : prp		0442-3L
		10	Sltst : brn gy, cly, mic		0442-4L
3670.00					0443
		70	S/Sst : w to lt gy, calc, carb, f, crs, l		0443-1L
		10	Sh/Clst: lt brn gy to lt gy, calc, slt		0443-2L
		10	Cont : prp		0443-3L
		10	Sltst : brn gy, cly, mic		0443-4L
		tr	Cont : lt gy, dd		0443-5L
3676.00	swc				0292
		100	S/Sst : lt gy w to lt gy to m gy to drk gy, cly, mic, f, lam		0292-1L
		tr	Coal : blk		0292-2L
3679.00	swc				0246
		95	Sltst : lt gy to m gy to gy brn, pyr, mic, f, l		0246-1L
		5	Cont : lt brn, dd		0246-2L
		tr	Coal : blk		0246-3L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3679.00						0444
			70	S/Sst : w to lt gy, calc, f, crs, l		0444-1L
			20	Sltst : brn gy, cly, mic		0444-2L
			10	Cont : prp		0444-3L
			tr	Coal : blk, f		0444-4L
3686.00	swc					0245
			95	S/Sst : lt gy to gy blk, cly, mic, l		0245-1L
			5	Cont : gy brn, dd		0245-2L
			tr	Coal : blk		0245-3L
3688.00						0445
			40	S/Sst : w to lt gy, calc, f, crs, l		0445-1L
			35	Cont : lt gy to lt brn gy, dd		0445-2L
			10	Sltst : brn gy, cly, mic		0445-3L
			10	Sh/Clst: lt gy, calc, slt		0445-4L
			5	Cont : prp		0445-5L
			tr	Coal : blk, f		0445-6L
3690.20	swc					0244
			100	S/Sst : lt gy w to lt gy to m gy, calc, mic, crs, l		0244-1L
			tr	Cont : gy brn, dd		0244-2L
3697.00						0446
			70	S/Sst : w to lt gy, calc, f, crs, l		0446-1L
			15	Cont : lt gy to lt brn gy, dd		0446-2L
			10	Sh/Clst: lt gy, calc, slt		0446-3L
			5	Cont : prp		0446-4L
			tr	Coal : blk, f		0446-5L

Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type				Trb	Sample
Int	Cvd	TOC%	%	Lithology description			
3700.20	swc						0243
			100	S/Sst	: lt gy w to lt gy, calc, pyr, mic, l		0243-1L
			tr	Cont	: brn gy, dd		0243-2L
3715.00							0447
			95	S/Sst	: w to lt gy, calc, f, crs, l		0447-1L
			5	Cont	: prp		0447-2L
			tr	Coal	: blk, f		0447-3L
3715.40	swc						0242
			90	S/Sst	: lt gy w to lt gy, pyr, mic, l		0242-1L
			10	Coal	: blk to gy blk to brn blk		0242-2L
3724.00	swc						0241
			100	S/Sst	: lt gy to lt brn gy, mic, f, l		0241-1L
3733.00							0448
			85	S/Sst	: w to lt gy, calc, f, crs, l		0448-1L
			5	Cont	: prp		0448-2L
			5	Cont	: w, f, bar		0448-3L
			5	Coal	: blk, crs, ang		0448-4L
3734.00	swc						0240
			85	Sltst	: w to lt gy to brn gy, carb, pyr, mic		0240-1L
			15	Coal	: blk to m blk		0240-2L

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Table 2 : Lithology description for well NOCS 35/11-5

Depth unit of measure: m

Depth		Type			Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
3751.00						0449
			85	S/Sst : w to lt gy, calc, crs, l		0449-1L
			5	Cont : w, f, bar		0449-2L
			5	Coal : blk, crs, ang		0449-3L
			5	Cont : lt gy, dd		0449-4L
			tr	Cont : prp		0449-5L
3760.00						0450
			75	S/Sst : w to lt gy, calc, f, crs, l		0450-1L
			10	Coal : blk, crs, ang		0450-2L
			10	Sh/Clst: lt gy to m gy		0450-3L
			5	Cont : prp		0450-4L
3769.00						0451
			45	Sh/Clst: lt gy to m gy, calc, slt		0451-1L
			30	S/Sst : w, calc, f, crs, l		0451-2L
			15	Coal : blk, crs, ang		0451-3L
			5	Cont : lt gy, dd		0451-4L
			5	Cont : prp		0451-5L

Table 3 : Rock-Eval table for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1060.00	cut	Sh/Clst: y gy to lt or	0.24	2.45	3.08	0.80	1.48	166	208	2.7	0.09	427	0042-2L
1260.00	cut	Sh/Clst: m gy to drk gy	0.15	1.71	0.70	2.44	1.31	131	53	1.9	0.08	425	0047-1L
1460.00	cut	Sh/Clst: brn gy to m gy to gn gy	0.10	1.98	1.94	1.02	2.34	85	83	2.1	0.05	430	0052-1L
1660.00	cut	Sh/Clst: m gy to brn gy to gy brn to drk gn gy	-	0.43	0.63	0.68	0.73	59	86	0.4	-	425	0057-1L
1820.00	cut	Sh/Clst: m gy to brn gy to gn gy	0.01	0.08	0.27	0.30	0.36	22	75	0.1	0.11	418	0061-1L
2020.00	cut	Sh/Clst: m gy to drk gy to gy brn to lt ol gy	0.01	0.29	0.30	0.97	0.86	34	35	0.3	0.03	427	0066-1L
2260.00	cut	Sh/Clst: m gy to drk gy	0.01	0.13	0.49	0.27	0.51	25	96	0.1	0.07	423	0072-1L
2460.00	cut	Sh/Clst: m gy to gy brn to drk gy to gn gy to drk gn	0.04	0.64	0.97	0.66	1.05	61	92	0.7	0.06	427	0077-1L
2536.00	cut	Sh/Clst: m gy to drk gy to lt gn gy to drk gn	0.02	0.40	0.50	0.80	1.20	33	42	0.4	0.05	425	0082-1L
2581.00	cut	Sh/Clst: m gy to drk gy to gy gn to lt gn gy	0.01	0.29	0.69	0.42	0.64	45	108	0.3	0.03	425	0087-1L
2617.00	cut	Sh/Clst: m gy to drk gy to gy blk	0.04	0.32	0.74	0.43	0.90	36	82	0.4	0.11	433	0091-1L
2635.00	cut	Sh/Clst: m gy to drk gy to gy blk	0.05	0.34	0.70	0.49	0.94	36	74	0.4	0.13	431	0093-1L

Table 3 : Rock-Eval table for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	0.10	0.92	0.90	1.02	1.13	81	80	1.0	0.10	435	0097-1L
2680.00	cut	Sh/Clst: brn gy to m brn gy	1.36	19.06	0.44	43.32	3.97	480	11	20.4	0.07	429	0370-2L
2761.00	cut	Sh/Clst: brn gy to drk gy to gy blk	3.43	31.00	0.36	86.11	6.37	487	6	34.4	0.10	436	0379-1L
2797.00	cut	Sh/Clst: brn gy to drk gy to gy blk	3.22	28.73	0.42	68.40	6.21	463	7	31.9	0.10	435	0383-1L
2869.00	cut	Sh/Clst: drk gy to gy blk	2.88	21.78	0.47	46.34	5.24	416	9	24.7	0.12	437	0391-1L
2905.00	cut	Sh/Clst: drk gy to gy blk to drk brn gy	2.18	18.48	0.46	40.17	5.11	362	9	20.7	0.11	440	0395-1L
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	0.90	6.89	0.66	10.44	4.02	171	16	7.8	0.12	442	0401-1L
2995.00	cut	Sh/Clst: drk gy to brn gy	0.75	7.49	0.61	12.28	3.29	228	19	8.2	0.09	440	0403-1L
3049.00	cut	Sh/Clst: m gy to brn gy	0.78	6.63	0.50	13.26	2.00	332	25	7.4	0.11	442	0406-1L
3103.00	cut	Sh/Clst: m gy to brn gy	2.13	15.06	0.41	36.73	3.36	448	12	17.2	0.12	437	0409-1L
3202.00	cut	Sh/Clst: dsk y brn to brn gy	1.14	10.92	0.47	23.23	2.68	407	18	12.1	0.09	442	0416-1L
3221.00	ccp	Coal : blk to brn blk to gy blk	2.65	19.38	-	-	8.77	221	-	22.0	0.12	449	0105-1L
3247.00	ccp	Coal : ol blk to blk	12.80	137.40	0.90	152.67	58.08	237	2	150.2	0.09	449	0131-1L

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Table 3 : Rock-Eval table for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3343.00	ccp	Sh/Clst: gy blk to blk	0.47	2.29	0.12	19.08	2.37	97	5	2.8	0.17	452	0225-1L
3418.00	swc	Sltst : m gy to drk gy	0.24	1.14	0.26	4.38	0.62	184	42	1.4	0.17	463	0263-1L
3649.00	swc	Sh/Clst: brn gy to dsk brn	0.62	2.09	0.29	7.21	1.36	154	21	2.7	0.23	451	0248-1L

Table 4 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
1260.00	cut	Sh/Clst: m gy to drk gy	10.70	28.86	56.44	4.01	1.71	0047-1L

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Table 5: GHM Analysis data Well 35/11-5

Sample depth	Sample type	Lithology	S1	S2	PP	PI	Tmax
1700	CUT	CLST	0.21	0.44	0.65	0.33	337
1800	CUT	CLST	0.18	0.19	0.37	0.49	338
1910	CUT	SST	0.00	0.00	0.00	0.00	0
2000	CUT	CLST	0.27	0.46	0.73	0.37	431
2100	CUT	CLST	0.10	0.19	0.29	0.36	418
2200	CUT	CLST	0.13	0.28	0.41	0.32	428
2300	CUT	CLST	0.10	0.25	0.35	0.29	423
2400	CUT	CLST	0.15	0.10	0.25	0.61	484
2420	CUT	CLST	0.04	0.48	0.52	0.08	543
2430	CUT	CLST	0.11	0.17	0.28	0.39	380
2440	CUT	CLST	0.06	0.69	0.76	0.08	432
2450	CUT	CLST	0.05	0.78	0.83	0.06	425
2460	CUT	CLST	0.04	0.52	0.56	0.06	425
2462	CUT	DOL	0.02	0.13	0.14	0.13	440
2470	CUT	CLST	0.07	0.58	0.65	0.11	436
2475	CUT	CLST	0.11	0.46	0.57	0.19	432
2480	CUT	CLST	0.04	0.45	0.49	0.09	432
2485	CUT	CLST	0.05	0.56	0.61	0.08	436
2490	CUT	CLST	0.05	0.83	0.87	0.05	438
2495	CUT	CLST	0.09	0.54	0.63	0.14	436
2500	CUT	CLST	0.05	0.64	0.69	0.07	434
2501	CUT	CLST	0.03	0.41	0.43	0.06	434
2506	CUT	CLST	0.04	2.13	2.17	0.02	411
2512	CUT	CLST	0.04	0.62	0.66	0.05	440
2518	CUT	CLST	0.09	0.27	0.35	0.25	425
2524	CUT	CLST	0.05	0.40	0.46	0.12	429
2527	CUT	CLST	0.06	0.38	0.45	0.14	432
2530	CUT	CLST	0.05	0.39	0.44	0.12	433
2536	CUT	CLST	0.05	0.43	0.48	0.11	430
2548	CUT	CLST	0.07	0.49	0.56	0.13	436
2554	CUT	CLST	0.06	0.45	0.50	0.11	434
2560	CUT	CLST	0.04	0.41	0.45	0.10	435
2563	CUT	LST	0.04	0.25	0.29	0.14	438
2569	CUT	LST	0.04	0.26	0.31	0.14	427
2575	CUT	LST	0.04	1.93	1.97	0.02	462
2581	CUT	LST	0.04	0.34	0.38	0.11	434
2587	CUT	CLST	0.09	0.78	0.87	0.10	428
2593	CUT	CLST	0.10	0.89	0.99	0.10	428
2596	CUT	CLST	0.06	0.32	0.37	0.15	436
2605	CUT	CLST	0.12	1.09	1.22	0.10	436
2611	CUT	CLST	0.10	0.66	0.76	0.14	436
2617	CUT	CLST	0.11	1.08	1.19	0.09	437
2626	CUT	CLST	0.15	0.73	0.88	0.18	435
2644	CUT	BULK	0.04	0.11	0.15	0.24	433
2650	CUT	CLST	0.11	0.76	0.87	0.13	435
2656	CUT	CLST	0.11	0.56	0.67	0.16	434
2662	CUT	CLST	1.09	15.78	16.87	0.06	424
2665	CUT	CLST	1.16	9.44	10.59	0.11	435
2668	CUT	CLST	0.55	10.69	11.24	0.05	433
2671	CUT	CLST	0.70	5.76	6.46	0.11	430
2677	CUT	CLST	2.11	15.57	17.68	0.12	425
2680	CUT	CLST	2.05	20.50	22.56	0.09	427
2683	CUT	CLST	2.41	21.79	24.20	0.10	427
2686	CUT	CLST	2.63	18.32	20.95	0.13	424

Table 5: GHM Analysis data Well 35/11-5

Sample depth	Sample type	Lithology	S1	S2	PP	PI	Tmax
2688	CUT	CLST	0.90	14.59	15.49	0.06	434
2692	CUT	CLST	2.52	28.74	31.26	0.08	438
2701	CUT	CLST	1.36	14.91	16.26	0.08	436
2710	CUT	CLST	2.11	6.52	8.63	0.24	441
2719	CUT	CLST	1.25	11.32	12.57	0.10	436
2728	CUT	CLST	1.61	14.82	16.43	0.10	440
2737	CUT	CLST	3.01	13.61	16.62	0.18	433
2749	CUT	CLST	1.98	27.00	28.98	0.07	435
2761	CUT	CLST	4.69	43.20	47.89	0.10	428
2773	CUT	CLST	5.76	51.55	57.32	0.10	431
2782	CUT	CLST	2.97	32.29	35.27	0.08	429
2791	CUT	CLST	3.68	21.27	24.95	0.15	436
2800	CUT	CLST	2.20	34.05	36.25	0.06	428
2809	CUT	CLST	4.52	32.73	37.25	0.12	430
2818	CUT	CLST	2.51	18.60	21.11	0.12	435
2827	CUT	CLST	2.57	19.92	22.49	0.11	432
2836	CUT	CLST	2.05	26.07	28.13	0.07	427
2845	CUT	CLST	2.44	23.05	25.49	0.10	424
2854	CUT	CLST	3.21	23.46	26.67	0.12	432
2863	CUT	CLST	3.48	25.39	28.87	0.12	431
2869	CUT	CLST	4.26	24.67	28.93	0.15	435
2874	CUT	CLST	1.97	9.98	11.95	0.16	438
2878	CUT	CLST	2.68	12.14	14.82	0.18	432
2887	CUT	CLST	0.17	1.03	1.20	0.14	395
2893	CUT	SST	0.04	0.44	0.49	0.09	429
2896	CUT	CLST	0.66	9.58	10.24	0.06	440
2899	CUT	CLST	1.12	9.98	11.11	0.10	425
2911	CUT	CLST	1.28	33.03	34.30	0.04	450
2917	CUT	CLST	0.06	1.77	1.83	0.03	440
2926	CUT	SST	0.01	0.02	0.03	0.41	-0
2935	CUT	CLST	1.17	15.17	16.34	0.07	431
2944	CUT	CLST	0.60	5.02	5.62	0.11	435
2953	CUT	LST	0.12	0.42	0.54	0.23	437
2962	CUT	CLST	0.67	5.13	5.80	0.12	435
2971	CUT	CLST	0.61	5.29	5.89	0.10	435
2980	CUT	CLST	0.54	4.14	4.69	0.12	437
2989	CUT	CLST	0.52	3.92	4.44	0.12	445
2998	CUT	CLST	0.53	2.85	3.39	0.16	436
3007	CUT	CLST	0.39	1.53	1.91	0.20	436
3016	CUT	CLST	0.17	1.31	1.49	0.12	440
3025	CUT	CLST	0.39	2.73	3.12	0.12	436
3033	CUT	CLST	0.99	4.15	5.13	0.19	430
3037	CUT	CLST	0.62	1.98	2.61	0.24	430
3043	CUT	CLST	0.55	3.71	4.25	0.13	435
3046	CUT	CLST	0.67	6.20	6.88	0.10	435
3052	CUT	CLST	1.56	8.40	9.96	0.16	435
3058	CUT	CLST	0.59	5.05	5.63	0.10	435
3064	CUT	CLST	0.91	6.54	7.45	0.12	435
3070	CUT	SLTST	0.96	6.44	7.40	0.13	436
3076	CUT	CLST	0.70	6.11	6.81	0.10	435
3082	CUT	SLTST	0.68	10.38	11.06	0.06	433
3091	CUT	SLTST	3.17	22.10	25.28	0.13	432
3100	CUT	CLST	3.61	30.16	33.77	0.11	434
3109	CUT	CLST	2.06	14.74	16.80	0.12	431

Table 5: GHM Analysis data Well 35/11-5

Sample depth	Sample type	Lithology	S1	S2	PP	PI	Tmax
3118	CUT	CLST	1.82	15.84	17.67	0.10	433
3127	CUT	SLTST	1.89	15.41	17.30	0.11	433
3136	CUT	SLTST	1.19	9.83	11.02	0.11	433
3145	CUT	CLST	1.26	10.39	11.65	0.11	435
3154	CUT	CLST	1.68	11.53	13.22	0.13	436
3163	CUT	SLTST	1.58	14.27	15.85	0.10	433
3172	CUT	SLTST	1.34	11.24	12.58	0.11	435
3181	CUT	SLTST	1.25	5.40	6.65	0.19	435
3190	CUT	SLTST	0.89	8.19	9.08	0.10	434
3196	CUT	SLTST	0.54	3.04	3.58	0.15	432
3199	CUT	SLTST	1.12	12.53	13.65	0.08	434
3202	CUT	SLTST	1.60	12.34	13.94	0.11	434
3209	CUT	SLTST	1.54	9.90	11.44	0.13	433
3211	CUT	SLT SH	0.95	9.66	10.61	0.09	434
3214	CUT	SLT SH	1.42	7.52	8.94	0.16	433
3215	CCP	SST	5.79	0.46	6.25	0.93	426
3215	MUD	SST+SH	1.51	9.69	11.20	0.13	436
3215	CUT	SST	1.09	3.76	4.86	0.23	434
3216	CCP	SST	2.95	0.59	3.54	0.83	439
3217	CCP	SST	1.63	0.58	2.21	0.74	439
3217	CUT	SST	1.51	0.39	1.89	0.80	340
3220	CUT	COAL	21.33	175.45	196.78	0.11	428
3220	CUT	SST+COAL	0.30	0.43	0.73	0.41	440
3221	CUT	SST	2.42	0.64	3.06	0.79	436
3222	CCP	SLTST	3.23	22.47	25.70	0.13	441
3223	CCP	SLTST	1.78	16.44	18.22	0.10	441
3223	CUT	SST+SH	1.73	8.79	10.52	0.16	436
3224	CCP	SST/SH	1.88	12.90	14.79	0.13	438
3224	CUT	SST+?ADD	0.72	2.37	3.10	0.23	438
3225	CUT	COAL	20.60	159.31	179.91	0.11	441
3226	CCP	SST	2.49	0.91	3.41	0.73	437
3227	CCP	SST	0.34	0.40	0.74	0.46	444
3228	CCP	SST	0.31	0.26	0.57	0.54	437
3231	CUT	SST/COAL	1.15	3.51	4.66	0.25	439
3232	CCP	SST/SH	0.51	1.70	2.21	0.23	448
3232	CUT	SST	1.46	0.55	2.01	0.73	470
3233	CCP	SST/SH	0.27	0.78	1.04	0.26	457
3233	CUT	SST	1.56	0.46	2.02	0.77	446
3234	CUT	SST	1.48	1.13	2.61	0.57	438
3235	CUT	SST	1.73	0.63	2.36	0.73	433
3235	CCP	SST	1.70	0.59	2.29	0.74	438
3236	CUT	COAL	11.20	63.73	74.93	0.15	441
3236	CCP	SST	1.44	1.48	2.91	0.49	439
3237	CCP	SST	2.93	0.52	3.45	0.85	439
3237	CUT	SST	1.10	1.58	2.68	0.41	437
3238	CUT	SST	1.53	1.21	2.74	0.56	439
3239	CUT	SST	0.74	2.45	3.19	0.23	439
3239	CCP	SST	0.90	1.29	2.19	0.41	445
3240	CUT	SST	1.00	0.30	1.30	0.77	441
3240	CCP	SST	0.87	1.20	2.07	0.42	441
3241	CCP	SST	0.02	0.03	0.05	0.37	445
3241	CUT	SST	1.36	0.51	1.87	0.73	445
3241.6	CCP	SST	4.62	0.26	4.88	0.95	435
3242	CCP	SLTST/SS	0.84	7.35	8.20	0.10	440

Table 5: GHM Analysis data Well 35/11-5

Sample depth	Sample type	Lithology	S1	S2	PP	PI	Tmax
3242	CUT	SST	0.61	0.43	1.04	0.59	433
3242.5	CCP	SST	2.37	1.47	3.84	0.62	443
3243	CCP	SST	0.69	0.91	1.60	0.43	446
3244	CCP	SLT SST	2.71	16.54	19.25	0.14	436
3245	CCP	SST	0.66	4.47	5.13	0.13	438
3246	CUT	SST	2.24	1.57	3.81	0.59	434
3247	CCP	COAL	35.32	264.96	300.28	0.12	440
3248	CCP	SST/SLTS	0.47	3.92	4.39	0.11	439
3249	CCP	SH	0.32	5.07	5.39	0.06	441
3249	CUT	SST	0.74	1.61	2.36	0.32	441
3250	CCP	SLT SH	0.04	0.17	0.21	0.20	445
3252	CUT	SST	2.67	2.04	4.71	0.57	438
3253	CCP	SH	0.04	0.27	0.31	0.12	446
3253	CCP	SH	0.04	0.27	0.31	0.12	446
3254	CUT	SST	0.23	0.36	0.59	0.39	435
3256	CUT	SST	0.83	5.34	6.17	0.13	440
3257	CCP	SST	0.21	1.19	1.40	0.15	439
3258.3	CCP	SST	0.01	0.05	0.06	0.23	429
3259	CCP	SST	0.03	0.08	0.11	0.25	437
3260	CCP	SST	0.01	0.06	0.07	0.18	439
3261	CCP	SST	0.06	0.45	0.51	0.11	445
3261	CUT	SST	2.03	0.88	2.90	0.70	438
3262	CCP	SST	0.24	1.95	2.18	0.11	444
3263	CUT	SST	0.46	0.90	1.36	0.34	438
3265	CUT	SST	0.39	3.34	3.72	0.10	440
3266	CCP	SST	1.34	0.37	1.71	0.78	439
3267	CUT	SST	1.87	5.94	7.81	0.24	448
3267	CCP	SST	0.19	1.21	1.40	0.14	442
3268	CCP	SLT/SST	1.29	9.54	10.83	0.12	442
3269	CUT	SST	0.91	3.07	3.98	0.23	442
3269	CCP	SST/SLTS	0.50	2.85	3.35	0.15	445
3270	CCP	SST	0.31	0.22	0.53	0.59	434
3271	CCP	SST	5.72	34.67	40.39	0.14	441
3272	CUT	SST	0.57	0.71	1.28	0.44	436
3273	CCP	SST	0.11	0.69	0.80	0.14	444
3274	CUT	SST	0.39	1.49	1.88	0.21	434
3275	CCP	SST	0.11	0.84	0.95	0.12	449
3276	CUT	SST	0.27	0.85	1.11	0.24	440
3277	CUT	SST	0.15	0.80	0.95	0.15	442
3278	CCP	SST	1.79	0.88	2.68	0.67	427
3279	CUT	SST	1.12	1.68	2.80	0.40	438
3280	CUT	SST	1.28	12.70	13.98	0.09	437
3281	CCP	SST	0.03	0.12	0.15	0.20	428
3282	CUT	SST	1.52	1.40	2.92	0.52	434
3283	CCP	SST	0.73	2.47	3.20	0.23	450
3284	CUT	SST	0.77	1.99	2.75	0.28	435
3284	CCP	SST	0.10	0.42	0.53	0.20	451
3286	CUT	SST	1.13	20.31	21.44	0.05	435
3287	CCP	SST	2.08	1.84	3.92	0.53	445
3287	CUT	SST	0.08	0.16	0.24	0.33	440
3288	CCP	SST	0.32	1.90	2.22	0.14	446
3288	CUT	SST	0.27	1.23	1.50	0.18	441
3289.9	CCP	SST	0.43	0.94	1.37	0.31	446
3290	CUT	SST	0.31	1.41	1.72	0.18	438

Table 5: GHM Analysis data Well 35/11-5

Sample depth	Sample type	Lithology	S1	S2	PP	PI	Tmax
3292	CUT	SST	0.19	0.95	1.14	0.17	442
3292	CCP	SST	0.28	0.71	0.99	0.29	442
3293	CCP	SST	0.23	1.25	1.49	0.16	446
3294	CUT	SST	0.52	2.80	3.32	0.16	438
3294	CCP	SST	2.55	0.52	3.07	0.83	414
3295	CUT	SST	2.14	1.82	3.96	0.54	439
3296	CCP	SST	2.38	1.19	3.57	0.67	428
3297	CUT	SST	1.14	1.94	3.08	0.37	434
3297	CCP	SST	2.40	0.78	3.18	0.75	434
3298	CCP	SST	1.70	0.28	1.98	0.86	433
3298	CUT	SST	0.92	3.71	4.63	0.20	442
3299	CUT	SST	0.56	0.49	1.05	0.53	439
3301	CUT	SST	0.41	0.31	0.72	0.57	435
3302	CUT	SST	0.65	0.45	1.10	0.59	439
3303.4	CUT	SST	0.39	0.27	0.66	0.59	463
3303.5	CCP	SST	2.69	0.76	3.45	0.78	417
3304	CCP	SST	0.02	0.07	0.09	0.25	433
3305	CCP	SST	2.38	0.73	3.11	0.77	418
3306	CUT	SST	0.64	0.97	1.61	0.39	436
3308	CCP	SST	0.09	0.08	0.17	0.54	440
3309	CUT	SST	0.14	0.27	0.40	0.34	441
3310	CCP	SST	0.02	0.06	0.08	0.26	436
3312	CCP	SST	0.03	0.06	0.09	0.30	436
3314	CCP	SST	0.03	0.07	0.10	0.30	450
3315	CUT	SST	0.10	0.18	0.28	0.35	435
3315	CCP	SST	0.03	0.07	0.10	0.30	450
3319	CCP	SST	0.07	0.15	0.22	0.32	436
3323	CUT	SST	0.08	0.40	0.48	0.17	440
3328	CCP	SST	0.03	0.06	0.08	0.31	446
3329	CCP	SST	0.06	0.06	0.12	0.51	462
3331	CUT	SST	0.11	0.26	0.37	0.30	332
3332	CCP	SST	0.03	0.07	0.10	0.26	448
3334	CUT	SST	0.06	0.15	0.21	0.29	340
3335	CCP	SST	0.02	0.08	0.10	0.22	454
3337	CUT	SST	0.06	0.50	0.56	0.11	344
3338	CCP	CLST	0.08	0.75	0.83	0.10	449
3340	CUT	SST	0.03	0.10	0.12	0.21	442
3344	CCP	SST	0.02	0.04	0.06	0.32	332
3345	CUT	SST	0.06	0.12	0.18	0.33	442
3347	CCP	SST	0.04	0.04	0.08	0.48	399
3348	CUT	SST	0.12	0.07	0.19	0.65	432
3350	CCP	SST	0.03	0.12	0.15	0.19	409
3351	CUT	SST	0.02	0.07	0.08	0.20	437
3351	CCP	SST	0.14	0.31	0.45	0.32	442
3353	CCP	SST	0.06	0.07	0.13	0.46	410
3356	CCP	SST	0.07	0.06	0.13	0.50	442
3356	CCP	SST	0.43	0.18	0.61	0.70	415
3364	CUT	SST	0.02	0.07	0.09	0.25	435
3367	CUT	CLST	0.18	1.76	1.94	0.09	444
3376	CUT	SST	0.05	0.34	0.39	0.12	353
3385	CUT	CLST	0.19	1.89	2.08	0.09	447
3394	CUT	SST	0.08	0.00	0.08	0.99	442
3403	CUT	SST	0.02	0.10	0.12	0.16	444
3412	CUT	SST	0.12	0.17	0.29	0.41	445

Table 5: GHM Analysis data Well 35/11-5

Sample depth	Sample type	Lithology	S1	S2	PP	PI	Tmax
3418	CUT	SST	0.18	0.76	0.94	0.19	445
3423	CUT	SST	0.23	0.13	0.36	0.65	435
3460	CUT	SST	0.18	0.03	0.21	0.86	446
3469	CUT	SST	0.04	0.18	0.22	0.18	441
3502	CUT	SST	0.03	0.07	0.10	0.33	444
3511	CUT	SST	0.03	0.10	0.12	0.21	445
3526	CUT	SST	0.02	0.09	0.10	0.16	438
3532	CUT	SST+LST	0.09	0.42	0.51	0.18	445
3541	CUT	CLST+SST	0.10	0.23	0.33	0.30	435
3562	CUT	CLST	0.11	0.60	0.71	0.15	433
3568	CUT	SST	0.12	0.31	0.43	0.28	441
3589	CUT	CLST+SST	0.14	0.33	0.48	0.30	448
3598	CUT	CLST+SST	0.11	0.30	0.41	0.26	433
3607	CUT	CLST+SST	0.14	0.77	0.91	0.15	436
3616	CUT	CLST+SST	0.05	0.33	0.38	0.14	440
3628	CUT	SST	0.03	0.14	0.17	0.18	446
3640	CUT	CLST	0.21	1.91	2.12	0.10	445
3649	CUT	CLST	0.41	1.77	2.18	0.19	449
3658	CUT	SST	0.10	0.26	0.36	0.27	451
3682	CUT	CLST+SST	0.80	1.89	2.69	0.30	441
3700	CUT	SST+LST	0.03	0.17	0.20	0.15	447
3703	CUT	SST	0.00	0.06	0.06	0.02	444
3715	CUT	SST	0.09	0.23	0.33	0.28	448
3724	CUT	SST+LST	0.12	0.22	0.34	0.35	455
3730	CUT	SST	0.03	0.10	0.14	0.23	454

Table 6 a: Weight of EOM and Chromatographic Fraction for well NOCS 35/11-5

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
3241.00	ccp	S/Sst : w to lt gy w	9.1	2.5	0.9	0.6	0.5	0.5	1.5	1.0	0.18	0124-1L
3242.50	ccp	S/Sst : m y brn to pl y brn to blk	9.7	12.5	6.8	2.6	2.0	1.1	9.4	3.1	0.87	0126-1L
3271.00	ccp	S/Sst : drk y brn to gy brn	5.4	30.1	7.2	7.6	12.4	2.9	14.8	15.3	7.65	0160-2L
3278.00	ccp	S/Sst : lt gy w to lt brn gy to w	9.1	15.6	9.2	3.5	1.5	1.4	12.7	2.9	0.33	0167-1L
3287.00	ccp	S/Sst : lt gy w to lt gy to gy brn to brn gy	11.2	4.2	0.9	1.2	1.5	0.6	2.1	2.1	0.34	0177-1L
3294.00	ccp	S/Sst : lt gy w to lt gy	9.3	4.1	1.1	1.2	1.3	0.5	2.3	1.8	0.46	0183-1L
3297.00	ccp	S/Sst : w to pl y brn to drk y brn	12.1	22.1	13.3	5.2	1.9	1.7	18.5	3.6	0.31	0186-1L
3305.00	ccp	Congl : w to lt gy to m gy	12.7	20.9	14.2	4.0	1.1	1.6	18.2	2.7	0.21	0191-1L
3355.87	ccp	S/Sst : w to lt gy to m gy	9.4	2.1	0.8	0.5	0.3	0.5	1.3	0.8	0.10	0239-1L

Table 6 a: Weight of EOM and Chromatographic Fraction for well NOCS 35/11-5

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
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	9.1	3.9	0.9	0.8	0.7	1.5	1.7	2.2	1.06	0097-1L
2689.00	com	Composite sample - see table 6 e	5.4	23.8	6.3	6.8	2.7	8.0	13.1	10.7	5.06	0462-0B
2761.00	cut	Sh/Clst: brn gy to drk gy to gy blk	7.8	42.6	14.2	13.2	3.6	11.6	27.4	15.2	6.62	0379-1L
2869.00	cut	Sh/Clst: drk gy to gy blk	7.9	45.1	13.5	14.5	5.1	12.0	28.0	17.1	5.69	0391-1L
2888.50	oil	bulk	-	91.0	54.0	18.9	1.7	16.4	72.9	18.1	-	0334-0B
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	7.0	15.4	2.8	4.7	5.4	2.5	7.5	7.9	3.94	0401-1L
3202.00	cut	Sh/Clst: dsk y brn to brn gy	11.1	24.2	6.9	7.1	5.0	5.2	14.0	10.2	2.91	0416-1L
3214.50	oil	bulk	-	78.9	60.9	15.9	0.6	1.5	76.8	2.1	-	0335-0B
3215.00	ccp	S/Sst : gy pi to pl brn	8.7	24.0	16.7	4.3	1.3	1.7	21.0	3.0	0.52	0099-1L
3216.20	ccp	S/Sst : ol gy to pl brn	4.7	13.7	7.7	3.0	1.9	1.1	10.7	3.0	1.12	0100-1L
3222.00	ccp	Coal : blk to brn blk to gy blk	6.2	14.4	3.3	3.8	5.5	1.8	7.1	7.3	3.31	0106-1L
3226.00	ccp	S/Sst : pl y brn	6.0	8.6	4.5	2.3	1.0	0.8	6.8	1.8	0.37	0110-1L
3236.80	ccp	S/Sst : drk y brn	10.6	16.5	10.4	3.2	1.5	1.4	13.6	2.9	0.58	0121-1L

Table 6 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	429	99	88	77	165	187	242	0097-1L
2689.00	com	Composite sample - see table 6 e	4375	1158	1250	496	1470	2408	1966	0462-0B
2761.00	cut	Sh/Clst: brn gy to drk gy to gy blk	5447	1815	1687	460	1483	3503	1943	0379-1L
2869.00	cut	Sh/Clst: drk gy to gy blk	5680	1700	1826	642	1511	3526	2153	0391-1L
2888.50	oil	bulk	-	-	-	-	-	-	-	0334-0B
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	2212	402	675	775	359	1077	1135	0401-1L
3202.00	cut	Sh/Clst: dsk y brn to brn gy	2178	621	639	450	468	1260	918	0416-1L
3214.50	oil	bulk	-	-	-	-	-	-	-	0335-0B
3215.00	ccp	S/Sst : gy pi to pl brn	2755	1917	493	149	195	2411	344	0099-1L
3216.20	ccp	S/Sst : ol gy to pl brn	2946	1655	645	408	236	2301	645	0100-1L
3222.00	ccp	Coal : blk to brn blk to gy blk	2322	532	612	887	290	1145	1177	0106-1L
3226.00	ccp	S/Sst : pl y brn	1426	746	381	165	132	1127	298	0110-1L
3236.80	ccp	S/Sst : drk y brn	1558	982	302	141	132	1284	273	0121-1L

Table 6 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3241.00	ccp	S/Sst : w to lt gy w	274	98	65	54	54	164	109	0124-1L
3242.50	ccp	S/Sst : m y brn to pl y brn to blk	1284	698	267	205	113	966	318	0126-1L
3271.00	ccp	S/Sst : drk y brn to gy brn	5533	1323	1397	2279	533	2720	2812	0160-2L
3278.00	ccp	S/Sst : lt gy w to lt brn gy to w	1706	1006	382	164	153	1389	317	0167-1L
3287.00	ccp	S/Sst : lt gy w to lt gy to gy brn to brn gy	376	80	107	134	53	188	188	0177-1L
3294.00	ccp	S/Sst : lt gy w to lt gy	440	118	128	139	53	247	193	0183-1L
3297.00	ccp	S/Sst : w to pl y brn to drk y brn	1829	1100	430	157	140	1531	298	0186-1L
3305.00	ccp	Congl : w to lt gy to m gy	1641	1115	314	86	125	1429	212	0191-1L
3355.87	ccp	S/Sst : w to lt gy to m gy	222	84	52	31	52	137	84	0239-1L

Table 6 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	40.48	9.34	8.30	7.26	15.57	17.64	22.83	0097-1L
2689.00	com	Composite sample - see table 6 e	86.46	22.89	24.70	9.81	29.06	47.59	38.87	0462-0B
2761.00	cut	Sh/Clst: brn gy to drk gy to gy blk	82.29	27.43	25.50	6.95	22.41	52.93	29.36	0379-1L
2869.00	cut	Sh/Clst: drk gy to gy blk	99.83	29.88	32.09	11.29	26.56	61.98	37.85	0391-1L
2888.50	oil	bulk	-	-	-	-	-	-	-	0334-0B
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	56.16	10.21	17.14	19.69	9.12	27.35	28.81	0401-1L
3202.00	cut	Sh/Clst: dsk y brn to brn gy	74.85	21.34	21.96	15.47	16.08	43.30	31.55	0416-1L
3214.50	oil	bulk	-	-	-	-	-	-	-	0335-0B
3215.00	ccp	S/Sst : gy pi to pl brn	529.89	368.72	94.94	28.70	37.53	463.66	66.24	0099-1L
3216.20	ccp	S/Sst : ol gy to pl brn	263.06	147.85	57.60	36.48	21.12	205.45	57.60	0100-1L
3222.00	ccp	Coal : blk to brn blk to gy blk	70.17	16.08	18.52	26.80	8.77	34.60	35.57	0106-1L
3226.00	ccp	S/Sst : pl y brn	385.46	201.69	103.09	44.82	35.86	304.78	80.68	0110-1L
3236.80	ccp	S/Sst : drk y brn	268.63	169.32	52.10	24.42	22.79	221.42	47.21	0121-1L

Table 6 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3241.00	ccp	S/Sst : w to lt gy w	152.63	54.95	36.63	30.53	30.53	91.58	61.05	0124-1L
3242.50	ccp	S/Sst : m y brn to pl y brn to blk	147.67	80.33	30.71	23.63	12.99	111.04	36.62	0126-1L
3271.00	ccp	S/Sst : drk y brn to gy brn	72.33	17.30	18.26	29.80	6.97	35.56	36.76	0160-2L
3278.00	ccp	S/Sst : lt gy w to lt brn gy to w	517.21	305.02	116.04	49.73	46.42	421.06	96.15	0167-1L
3287.00	ccp	S/Sst : lt gy w to lt gy to gy brn to brn gy	110.69	23.72	31.63	39.53	15.81	55.34	55.34	0177-1L
3294.00	ccp	S/Sst : lt gy w to lt gy	95.74	25.69	28.02	30.36	11.68	53.71	42.03	0183-1L
3297.00	ccp	S/Sst : w to pl y brn to drk y brn	590.15	355.16	138.86	50.74	45.40	494.02	96.13	0186-1L
3305.00	ccp	Congl : w to lt gy to m gy	781.81	531.18	149.63	41.15	59.85	680.81	101.00	0191-1L
3355.87	ccp	S/Sst : w to lt gy to m gy	222.22	84.66	52.91	31.75	52.91	137.57	84.66	0239-1L

Table 6 d: Composition of material extracted from the rock (%) for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	Sat / EOM	Aro / EOM	Asph / EOM	NSO / EOM	HC / EOM	Non-HC / EOM	Sat / Aro	HC / Non-HC	Sample
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	23.08	20.51	17.95	38.46	43.59	56.41	112.50	77.27	0097-1L
2689.00	com	Composite sample - see table 6 e	26.47	28.57	11.34	33.61	55.04	44.96	92.65	122.43	0462-0B
2761.00	cut	Sh/Clst: brn gy to drk gy to gy blk	33.33	30.99	8.45	27.23	64.32	35.68	107.58	180.26	0379-1L
2869.00	cut	Sh/Clst: drk gy to gy blk	29.93	32.15	11.31	26.61	62.08	37.92	93.10	163.74	0391-1L
2888.50	oil	bulk	59.34	20.77	1.87	18.02	80.11	19.89	285.71	402.76	0334-0B
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	18.18	30.52	35.06	16.23	48.70	51.30	59.57	94.94	0401-1L
3202.00	cut	Sh/Clst: dsk y brn to brn gy	28.51	29.34	20.66	21.49	57.85	42.15	97.18	137.25	0416-1L
3214.50	oil	bulk	77.19	20.15	0.76	1.90	97.34	2.66	383.02	3657.15	0335-0B
3215.00	ccp	S/Sst : gy pi to pl brn	69.58	17.92	5.42	7.08	87.50	12.50	388.37	700.00	0099-1L
3216.20	ccp	S/Sst : ol gy to pl brn	56.20	21.90	13.87	8.03	78.10	21.90	256.67	356.67	0100-1L
3222.00	ccp	Coal : blk to brn blk to gy blk	22.92	26.39	38.19	12.50	49.31	50.69	86.84	97.26	0106-1L
3226.00	ccp	S/Sst : pl y brn	52.33	26.74	11.63	9.30	79.07	20.93	195.65	377.78	0110-1L
3236.80	ccp	S/Sst : drk y brn	63.03	19.39	9.09	8.48	82.42	17.58	325.00	468.97	0121-1L

Depth unit of measure: m

Depth	Typ	Lithology	Sat / EOM	Aro / EOM	Asph / EOM	NSO / EOM	HC / EOM	Non-HC / EOM	Sat / Aro	HC / Non-HC	Sample
3241.00	ccp	S/Sst : w to lt gy w	36.00	24.00	20.00	20.00	60.00	40.00	150.00	150.00	0124-1L
3242.50	ccp	S/Sst : m y brn to pl y brn to blk	54.40	20.80	16.00	8.80	75.20	24.80	261.54	303.23	0126-1L
3271.00	ccp	S/Sst : drk y brn to gy brn	23.92	25.25	41.20	9.63	49.17	50.83	94.74	96.73	0160-2L
3278.00	ccp	S/Sst : lt gy w to lt brn gy to w	58.97	22.44	9.62	8.97	81.41	18.59	262.86	437.93	0167-1L
3287.00	ccp	S/Sst : lt gy w to lt gy to gy brn to brn gy	21.43	28.57	35.71	14.29	50.00	50.00	75.00	100.00	0177-1L
3294.00	ccp	S/Sst : lt gy w to lt gy	26.83	29.27	31.71	12.20	56.10	43.90	91.67	127.78	0183-1L
3297.00	ccp	S/Sst : w to pl y brn to drk y brn	60.18	23.53	8.60	7.69	83.71	16.29	255.77	513.89	0186-1L
3305.00	ccp	Congl : w to lt gy to m gy	67.94	19.14	5.26	7.66	87.08	12.92	355.00	674.07	0191-1L
3355.87	ccp	S/Sst : w to lt gy to m gy	38.10	23.81	14.29	23.81	61.90	38.10	160.00	162.50	0239-1L

Table 6eList of composite samples appearing in well NOCS 35/11-5

Depth unit of measure: m

NOTE: Depths shown in results tables correspond to the composite samples' lower depth.

Upper depth	Lower depth	Typ	Sample		Depth	Typ	Lithology	Sample
2680.00	2689.00	com	0462-0	is composed of:	2680.00	cut	Sh/Clst: brn gy to m brn gy, slt, st	370-2
					2689.00	cut	Sh/Clst: brn gy to m brn gy to drk gy, slt, st	371-1

Table 7 : Saturated Hydrocarbon Ratios for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	Pristane / nC17	Pristane / Phytane	Pristane + Phytane / nC17 + nC18	Phytane / nC18	CPI	Sample
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	1.04	2.90	0.84	0.54	1.26	0097-1L
2689.00	com	bulk	1.31	1.55	1.19	1.04	1.20	0462-0B
2761.00	cut	Sh/Clst: brn gy to drk gy to gy blk	1.07	1.48	0.98	0.87	1.07	0379-1L
2869.00	cut	Sh/Clst: drk gy to gy blk	1.14	1.65	1.00	0.83	1.09	0391-1L
2888.50	oil	bulk	0.50	1.73	0.42	0.33	1.06	0334-0B
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	1.50	3.48	1.02	0.49	1.24	0401-1L
3202.00	cut	Sh/Clst: dsk y brn to brn gy	1.00	4.05	0.67	0.29	1.18	0416-1L
3214.50	oil	bulk	0.53	2.80	0.38	0.22	1.07	0335-0B
3215.00	ccp	S/Sst : gy pi to pl brn	0.56	2.24	0.39	0.23	1.07	0099-1L
3216.20	ccp	S/Sst : ol gy to pl brn	0.65	2.46	0.45	0.26	1.08	0100-1L
3222.00	ccp	Coal : blk to brn blk to gy blk	0.78	4.34	0.50	0.19	1.21	0106-1L
3226.00	ccp	S/Sst : pl y brn	0.74	1.97	0.46	0.27	1.06	0110-1L
3236.80	ccp	S/Sst : drk y brn	0.49	2.19	0.33	0.19	1.07	0121-1L

Table 7 : Saturated Hydrocarbon Ratios for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	Pristane / nC17	Pristane / Phytane	Pristane + Phytane / nC17 + nC18	Phytane / nC18	CPI	Sample
3241.00	ccp	S/Sst : w to lt gy w	0.42	2.01	0.28	0.17	1.07	0124-1L
3242.50	ccp	S/Sst : m y brn to pl y brn to blk	0.59	1.96	0.40	0.24	1.08	0126-1L
3271.00	ccp	S/Sst : drk y brn to gy brn	13.94	3.82	5.94	1.86	1.18	0160-2L
3278.00	ccp	S/Sst : lt gy w to lt brn gy to w	0.74	1.90	0.56	0.39	1.06	0167-1L
3287.00	ccp	S/Sst : lt gy w to lt gy to gy brn to brn gy	1.08	1.51	0.92	0.75	1.15	0177-1L
3294.00	ccp	S/Sst : lt gy w to lt gy	1.11	2.74	0.80	0.46	1.02	0183-1L
3297.00	ccp	S/Sst : w to pl y brn to drk y brn	0.70	1.87	0.55	0.40	1.07	0186-1L
3305.00	ccp	Congl : w to lt gy to m gy	0.70	1.79	0.55	0.39	1.06	0191-1L
3355.87	ccp	S/Sst : w to lt gy to m gy	0.58	1.68	0.44	0.31	1.11	0239-1L

Table 8 : Aromatic Hydrocarbon Ratios for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	0.85	2.19	0.13	1.10	0.64	0.76	0.78	-	-	-	0097-1L
2689.00	com	bulk	1.02	2.04	0.17	1.26	0.84	1.07	0.90	-	0.36	0.26	0462-0B
2761.00	cut	Sh/Clst: brn gy to drk gy to gy blk	0.98	2.07	0.15	1.26	0.81	1.03	0.89	-	0.36	0.26	0379-1L
2869.00	cut	Sh/Clst: drk gy to gy blk	1.03	1.98	0.16	1.06	0.75	0.90	0.85	-	0.84	0.40	0391-1L
2888.50	oil	bulk	1.31	3.08	0.42	1.16	0.65	0.76	0.79	-	-	-	0334-0B
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	1.25	2.32	0.18	0.98	0.56	0.68	0.74	-	2.31	1.69	0401-1L
3202.00	cut	Sh/Clst: dsk y brn to brn gy	1.04	1.91	0.16	0.94	0.68	0.74	0.81	-	1.39	0.79	0416-1L
3214.50	oil	bulk	1.29	2.51	0.31	1.34	0.95	1.20	0.97	-	-	-	0335-0B
3215.00	ccp	S/Sst : gy pi to pl brn	-	1.15	-	1.29	0.94	1.21	0.96	-	-	-	0099-1L
3216.20	ccp	S/Sst : ol gy to pl brn	1.33	1.37	0.16	1.01	0.71	0.84	0.83	-	3.63	1.46	0100-1L
3222.00	ccp	Coal : blk to brn blk to gy blk	1.16	1.32	0.24	0.92	0.66	0.77	0.80	0.11	6.04	2.63	0106-1L
3226.00	ccp	S/Sst : pl y brn	1.02	1.23	0.12	1.14	0.80	0.99	0.88	-	-	-	0110-1L
3236.80	ccp	S/Sst : drk y brn	1.33	1.36	0.18	1.10	0.77	0.95	0.86	-	-	-	0121-1L
3241.00	ccp	S/Sst : w to lt gy w	-	1.05	-	0.88	0.71	0.77	0.83	-	6.48	1.98	0124-1L

Table 8 : Aromatic Hydrocarbon Ratios for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
3242.50	ccp	S/Sst : m y brn to pl y brn to blk	1.37	1.47	0.22	0.98	0.74	0.88	0.84	0.10	4.55	1.86	0126-1L
3271.00	ccp	S/Sst : drk y brn to gy brn	1.22	2.16	0.16	0.84	0.66	0.75	0.80	0.14	-	-	0160-2L
3278.00	ccp	S/Sst : lt gy w to lt brn gy to w	1.03	1.13	0.06	1.00	0.76	0.90	0.86	-	-	-	0167-1L
3287.00	ccp	S/Sst : lt gy w to lt gy to gy brn to brn gy	0.94	1.70	0.07	0.68	0.61	0.67	0.77	-	-	-	0177-1L
3294.00	ccp	S/Sst : lt gy w to lt gy	1.05	1.98	0.10	0.87	0.66	0.77	0.80	-	-	-	0183-1L
3297.00	ccp	S/Sst : w to pl y brn to drk y brn	1.00	1.15	0.09	1.06	0.73	0.91	0.84	-	-	-	0186-1L
3305.00	ccp	Congl : w to lt gy to m gy	-	0.99	-	1.28	0.85	1.11	0.91	-	-	-	0191-1L
3355.87	ccp	S/Sst : w to lt gy to m gy	-	-	-	-	0.34	-	0.60	-	-	-	0239-1L

Table 9 : Thermal Maturity Data for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
1020.00	swc	bulk	0.28	20	0.04	3	-	-	0001-0B
1150.00	swc	bulk	0.26	18	0.04	4	-	-	0005-0B
1260.00	cut	Sh/Clst: m gy to drk gy	-	-	-	-	3.5	425	0047-1L
1295.00	swc	bulk	0.26	20	0.03	3-4	-	-	0009-0B
1411.00	swc	bulk	0.32	10	0.03	0	-	-	0012-0B
1460.00	cut	Sh/Clst: brn gy to m gy to gn gy	-	-	-	-	3.5-4.0	430	0052-1L
1485.00	swc	bulk	0.33	9	0.05	3	-	-	0014-0B
1626.00	swc	bulk	0.40	17	0.04	3-4	-	-	0017-0B
1709.00	swc	bulk	0.32	18	0.05	3-4	-	-	0020-0B
1797.00	swc	bulk	NDP	-	-	0	-	-	0024-0B
1890.00	swc	bulk	0.41	4	0.07	3-4	-	-	0028-0B
2020.00	cut	bulk	0.39	9	0.05	3-4	-	-	0066-0B
2100.00	cut	bulk	0.46	19	0.05	3+4	-	-	0357-0B
2260.00	cut	bulk	0.38	3	0.04	3+4	-	-	0072-0B

Table 9 : Thermal Maturity Data for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
2314.00	swc	bulk	0.50	1	0.00	4	-	-	0029-0B
2449.00	swc	bulk	0.41	17	0.04	4+5	-	-	0033-0B
2460.00	cut	Sh/Clst: m gy to gy brn to drk gy to gn gy to drk gn	-	-	-	-	4.5-5.0	427	0077-1L
2546.00	swc	bulk	0.41	4	0.01	4+5	-	-	0036-0B
2625.00	swc	bulk	0.41	20	0.04	3+4	-	-	0039-0B
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	-	-	-	-	5.5	435	0097-1L
2723.00	swc	bulk	0.47	20	0.04	4	-	-	0289-0B
2797.00	cut	Sh/Clst: brn gy to drk gy to gy blk	-	-	-	-	5.5	435	0383-1L
2830.00	swc	bulk	0.46	19	0.07	4-5	-	-	0284-0B
2869.00	cut	Sh/Clst: drk gy to gy blk	-	-	-	-	5.5	437	0391-1L
2905.00	cut	Sh/Clst: drk gy to gy blk to drk brn gy	-	-	-	-	6.0	440	0395-1L
2930.00	swc	bulk	0.45	18	0.05	4-5	-	-	0278-0B

Table 9 : Thermal Maturity Data for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	-	-	-	-	6.5	442	0401-1L
2995.00	cut	Sh/Clst: drk gy to brn gy	-	-	-	-	6.5(?)	440	0403-1L
3043.00	swc	bulk	0.47	19	0.04	4-5	-	-	0273-0B
3049.00	cut	Sh/Clst: m gy to brn gy	-	-	-	-	6.0-6.5	442	0406-1L
3103.00	cut	Sh/Clst: m gy to brn gy	-	-	-	-	5.5-6.0	437	0409-1L
3130.00	swc	bulk	0.52	13	0.04	5	-	-	0302-0B
3202.00	cut	Sh/Clst: dsk y brn to brn gy	-	-	-	-	6.5	442	0416-1L
3221.00	ccp	Coal : blk to brn blk to gy blk	-	-	-	-	7.5(?)	449	0105-1L
3242.00	ccp	bulk	0.61	10	0.03	6	-	-	0125-0B
3247.00	ccp	Coal : ol blk to blk	-	-	-	-	6.0-6.5	449	0131-1L
3337.00	ccp	bulk	0.64	14	0.04	6-7	-	-	0219-0B
3343.00	ccp	Sh/Clst: gy blk to blk	-	-	-	-	6.0-6.5(?)	452	0225-1L
3418.00	swc	bulk	0.54	8	0.03	6	-	-	0263-0B
3418.00	swc	Sltst : m gy to drk gy	-	-	-	-	6.5	463	0263-1L

Table 9 : Thermal Maturity Data for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
3483.50	swc	bulk	0.56	10	0.04	3	-	-	0259-0B
3649.00	swc	bulk	0.67	9	0.03	6	-	-	0248-0B
3649.00	swc	Sh/Clst: brn gy to dsk brn	-	-	-	-	6.5-7.0	451	0248-1L
3734.00	swc	bulk	0.62	19	0.06	6	-	-	0240-0B

Table 10: Visual Kerogen Composition Data for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	LIPT %	Amor L	Lip Det	Sp/Pol	Cut Icl	Resine	Algae	Dinof l	Acrit	Bit L	INERT %	Fusin	Sem Fus	Sent Det	Micrin	Sclero	Bit I	VITR %	Telin	Colln	Vit Det	Amor V	Bit V	Sample
1260.00	cut	Sh/Clst: m gy to drk gy	95	**	*	*			*	**			TR			*	*			5	*		**			0047-1L
1460.00	cut	Sh/Clst: brn gy to m gy to gn gy	90	**	*	*			*	*			TR			*	*			10	*		*			0052-1L
2460.00	cut	Sh/Clst: m gy to gy brn to drk gy to gn gy to drk gn	70		*	**	**				*		10			*	**			20	*		**			0077-1L
2671.00	cut	Sh/Clst: lt gy to m gy to drk gy to gy blk	60	**	**	*	*		*	*			10			*	*			30	*		**			0097-1L
2797.00	cut	Sh/Clst: brn gy to drk gy to gy blk	80	**		*	*		**	*			10		**		*			10	*		*			0383-1L
2869.00	cut	Sh/Clst: drk gy to gy blk	70	**		*	*		**	*		?	20			*	*			10	*		*			0391-1L
2905.00	cut	Sh/Clst: drk gy to gy blk to drk brn gy	60	**		*	*		*			?	10			*	**			30	**		*			0395-1L
2959.00	cut	Sh/Clst: drk gy to gy blk to blk	45	**		*			*	*		*	25			*	**			30	*		*			0401-1L
2995.00	cut	Sh/Clst: drk gy to brn gy	25	**		*	*		*	*		?	30	*	**		*			45	*		**			0403-1L
3049.00	cut	Sh/Clst: m gy to brn gy	75	*		**	**		*	*		?	5			*	**			20	*					0406-1L
3103.00	cut	Sh/Clst: m gy to brn gy	80	**		*	*		**	*		*	15			*	**			5	*		*			0409-1L
3202.00	cut	Sh/Clst: dsk y brn to brn gy	80	**		**	*		*				10	*	*	*				10	**		*			0416-1L

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Table 10: Visual Kerogen Composition Data for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	LIPT %	AmorL	LipDet	Sp/Pol	Cuticl	Resin	Algae	Dinofl	Acrit	BitL	INERT %	Fusin	SemFus	IntDet	Micrin	Sclero	BitI	VITR %	Tellin	Collin	VitDet	AmorV	BitV	Sample
3221.00	ccp	Coal : blk to brn blk to gy blk	20	*		*	**						30		*					50	*	*				0105-1L
3247.00	ccp	Coal : ol blk to blk	5			**	*						15		*					80	*	*		*		0131-1L
3343.00	ccp	Sh/Clst: gy blk to blk	15			*	**						30	*	**					55	**	*		*		0225-1L
3418.00	swc	Sltst : m gy to drk gy	95			*	**		*	*			TR			*				5	*					0263-1L
3649.00	swc	Sh/Clst: brn gy to dsk brn	25			*	**		*				10		*					65	**	*				0248-1L

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Table 11a : Tabulation of carbon isotope data for EOM/EOM - fractions or Oils for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	EOM/Oil	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
2671.00	cut		-	-29.94	-28.74	-28.49	-27.05	-	0097-1L
2761.00	cut		-30.85	-31.48	-30.89	-30.22	-29.74	-	0379-1L
2869.00	cut		-27.68	-29.03	-27.84	-27.24	-26.87	-	0391-1L
2888.50	oil		-28.11	-28.55	-27.27	-27.05	-27.70	-	0334-0B
2959.00	cut		-24.21	-27.12	-24.34	-24.57	-23.79	-	0401-1L
3202.00	cut		-25.59	-27.32	-25.46	-25.58	-24.86	-	0416-1L
3214.50	oil		-27.24	-27.61	-26.27	-26.59	-27.94	-	0335-0B
3222.00	ccp		-24.26	-26.94	-24.25	-24.43	-23.86	-	0106-1L
3226.00	ccp		-	-27.42	-26.22	-26.70	-26.08	-	0110-1L
3241.00	ccp		-	-27.19	-26.13	-26.91	-26.07	-	0124-1L
3271.00	ccp		-26.02	-28.96	-25.61	-25.74	-25.31	-	0160-2L
3278.00	ccp		-27.40	-27.78	-26.54	-26.57	-26.34	-	0167-1L
3287.00	ccp		-	-28.91	-27.09	-26.87	-25.02	-	0177-1L
3305.00	ccp		27.43	-27.98	-26.76	-26.81	-26.82	-	0191-1L
3355.87	ccp		-	-27.74	-28.18	-27.77	-27.43	-	0239-1L

Table 11b : Tabulation of cv values from carbon isotope data for well NOCS 35/11-5

Depth unit of measure: m

Depth	Typ	Lithology	Saturated	Aromatic	cv value	Sample
2671.00	cut		-29.94	-28.74	0.30	0097-1L
2761.00	cut		-31.48	-30.89	-0.58	0379-1L
2869.00	cut		-29.03	-27.84	-0.01	0391-1L
2888.50	oil		-28.55	-27.27	0.04	0334-0B
2959.00	cut		-27.12	-24.34	2.93	0401-1L
3202.00	cut		-27.32	-25.46	0.95	0416-1L
3214.50	oil		-27.61	-26.27	-0.12	0335-0B
3222.00	ccp		-26.94	-24.25	2.67	0106-1L
3226.00	ccp		-27.42	-26.22	-0.49	0110-1L
3241.00	ccp		-27.19	-26.13	-0.87	0124-1L
3271.00	ccp		-28.96	-25.61	4.76	0160-2L
3278.00	ccp		-27.78	-26.54	-0.29	0167-1L
3287.00	ccp		-28.91	-27.09	1.35	0177-1L
3305.00	ccp		-27.98	-26.76	-0.27	0191-1L
3355.87	ccp		-27.74	-28.18	-4.03	0239-1L

Table 12A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	B/A	B/B+A	B B+E+F	C/E	C/C+E	X/E	Z/E	Z/C	Z/Z+E	Q/E	E/E+F	C+D C+D+E+F	D+F/C+E	J1 J1+J2%	Sample
2671.00	Sh/Clst	3.70	0.79	0.22	0.65	0.39	0.03	0.01	0.01	0.01	0.02	0.80	0.40	0.27	52.25	0097-1
2761.00	Sh/Clst	2.05	0.67	0.17	0.64	0.39	0.03	0.58	0.90	0.37	0.03	0.88	0.40	0.16	56.04	0379-1
2869.00	Sh/Clst	1.72	0.63	0.15	0.60	0.38	0.04	0.63	1.04	0.39	0.03	0.88	0.37	0.14	58.26	0391-1
2888.50	bulk	0.42	0.30	0.08	0.37	0.27	0.15	0.21	0.57	0.17	0.08	0.93	0.28	0.10	56.84	0334-0
2959.00	Sh/Clst	5.95	0.86	0.20	0.63	0.39	0.06	0.36	0.56	0.26	0.01	0.84	0.38	0.18	58.21	0401-1
3202.00	Sh/Clst	1.69	0.63	0.14	0.49	0.33	0.09	0.01	0.03	0.01	0.01	0.88	0.32	0.12	58.39	0416-1
3214.50	bulk	0.40	0.29	0.10	0.35	0.26	0.21	0.08	0.23	0.07	0.13	0.95	0.26	0.06	54.41	0335-0
3222.00	Coal	4.67	0.82	0.17	0.51	0.34	0.08	0.01	0.02	0.01	-	0.90	0.33	0.10	55.72	0106-1
3226.00	S/Sst	0.62	0.38	0.14	0.48	0.33	0.21	0.12	0.25	0.11	0.12	0.92	0.33	0.08	57.15	0110-1
3241.00	S/Sst	0.64	0.39	0.13	0.51	0.34	0.15	0.10	0.19	0.09	0.11	0.94	0.34	0.07	59.01	0124-1
3271.00	S/Sst	4.59	0.82	0.18	0.54	0.35	0.12	0.01	0.02	0.01	-	0.93	0.35	0.08	58.27	0160-2
3278.00	S/Sst	0.81	0.45	0.13	0.49	0.33	0.12	0.20	0.40	0.16	0.08	0.93	0.34	0.09	59.32	0167-1
3287.00	S/Sst	1.24	0.55	0.12	0.49	0.33	0.05	0.21	0.42	0.17	0.07	0.93	0.34	0.10	59.29	0177-1
3305.00	Congl	1.04	0.51	0.14	0.51	0.34	0.11	0.20	0.40	0.17	0.07	0.92	0.34	0.10	58.12	0191-1

Table 12A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	B/A	B/B+A	B B+E+F	C/E	C/C+E	X/E	Z/E	Z/C	Z/Z+E	Q/E	E/E+F	C+D C+D+E+F	D+F/C+E	J1 J1+J2%	Sample
3355.87	S/Sst	1.10	0.52	0.15	0.68	0.41	0.05	0.12	0.18	0.11	0.09	0.95	0.41	0.06	58.80	0239-1

Table 12B: Variation in Sterane Distribution (peak height) SIR for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
2671.00	Sh/Clst	0.39	20.37	37.95	1.40	0.60	0.22	0.17	0.23	0.26	0.38	0097-1
2761.00	Sh/Clst	0.35	28.26	44.08	1.21	0.58	0.23	0.17	0.28	0.39	0.55	0379-1
2869.00	Sh/Clst	0.55	38.73	57.00	0.99	0.63	0.21	0.16	0.40	0.63	1.08	0391-1
2888.50	bulk	0.88	43.67	83.20	1.37	0.85	0.44	0.31	0.71	0.78	4.40	0334-0
2959.00	Sh/Clst	0.69	39.49	60.83	0.74	0.66	0.23	0.17	0.44	0.65	1.28	0401-1
3202.00	Sh/Clst	0.81	43.33	68.45	1.86	0.71	0.33	0.24	0.52	0.76	1.91	0416-1
3214.50	bulk	0.93	47.70	82.04	1.19	0.83	0.55	0.41	0.70	0.91	4.37	0335-0
3223.00	Coal	0.80	33.36	78.28	0.38	0.84	0.24	0.18	0.64	0.50	2.70	0106-1
3226.00	S/Sst	0.89	49.90	82.51	1.16	0.83	0.47	0.34	0.70	1.00	4.71	0110-1
3241.00	S/Sst	0.82	37.12	82.41	1.12	0.86	0.46	0.33	0.70	0.59	3.73	0124-1
3271.00	S/Sst	0.33	50.57	75.69	0.12	0.75	0.15	0.11	0.61	1.02	3.15	0160-2
3278.00	S/Sst	0.79	44.37	81.53	0.92	0.83	0.38	0.27	0.69	0.80	3.97	0167-1

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
Ratio8: r + s / q + r + s + t
Ratio9: q / t
Ratio10: r + s / t

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Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
3287.00	S/Sst	0.62	42.63	75.84	0.96	0.79	0.45	0.32	0.61	0.74	2.74	0177-1
3305.00	Congl	0.83	44.40	80.01	0.94	0.82	0.36	0.25	0.67	0.80	3.60	0191-1
3355.87	S/Sst	0.70	41.85	77.21	1.09	0.80	0.35	0.24	0.63	0.72	2.91	0239-1

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
Ratio8: r + s / q + r + s + t
Ratio9: q / t
Ratio10: r + s / t

Table 12C: Variation in Triaromatic Sterane Distribution for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
2671.00	Sh/Clst	0.35	0.24	0.10	0.13	0.13	0097-1
2761.00	Sh/Clst	0.32	0.24	0.10	0.13	0.14	0379-1
2869.00	Sh/Clst	0.22	0.18	0.09	0.09	0.15	0391-1
2888.50	bulk	0.61	0.58	0.37	0.33	0.51	0334-0
2959.00	Sh/Clst	0.32	0.26	0.15	0.15	0.26	0401-1
3202.00	Sh/Clst	0.59	0.52	0.34	0.35	0.48	0416-1
3214.50	bulk	-	-	-	-	-	0335-0
3222.00	Coal	0.72	0.70	0.59	0.53	0.71	0106-1
3226.00	S/Sst	0.84	0.83	0.65	0.63	0.75	0110-1
3241.00	S/Sst	1.00	1.00	1.00	1.00	1.00	0124-1
3271.00	S/Sst	0.64	0.58	0.51	0.45	0.66	0160-2
3278.00	S/Sst	0.73	0.75	0.56	0.52	0.65	0167-1
3287.00	S/Sst	0.35	0.35	0.18	0.17	0.23	0177-1

Ratio1: a1 / a1 + g1
Ratio2: b1 / b1 + g1
Ratio3: a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1
Ratio4: a1 / a1 + e1 + f1 + g1
Ratio5: a1 / a1 + d1

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Table 12C: Variation in Triaromatic Sterane Distribution for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Sample
3305.00	Congl	0.73	0.75	0.51	0.47	0.57	0191-1
3355.87	S/Sst	-	-	-	-	-	0239-1

Ratio1: a1 / a1 + g1
Ratio2: b1 / b1 + g1
Ratio3: a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1
Ratio4: a1 / a1 + e1 + f1 + g1
Ratio5: a1 / a1 + d1

Table 12D: Variation in Monoaromatic Sterane Distribution for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Sample
2671.00	Sh/Clst	0.18	0.10	0.11	0.10	0097-1
2761.00	Sh/Clst	0.21	0.12	0.13	0.11	0379-1
2869.00	Sh/Clst	0.27	0.16	0.14	0.12	0391-1
2888.50	bulk	0.52	0.40	0.37	0.32	0334-0
2959.00	Sh/Clst	0.32	0.21	0.16	0.13	0401-1
3202.00	Sh/Clst	0.37	0.31	0.22	0.19	0416-1
3214.50	bulk	0.84	0.76	0.75	0.67	0335-0
3222.00	Coal	0.14	-	0.10	0.06	0106-1
3226.00	S/Sst	0.69	0.58	0.51	0.43	0110-1
3241.00	S/Sst	0.67	0.45	0.51	0.45	0124-1
3271.00	S/Sst	0.36	-	0.20	0.12	0160-2
3278.00	S/Sst	0.64	0.54	0.49	0.44	0167-1
3287.00	S/Sst	0.44	0.32	0.30	0.27	0177-1
3305.00	Congl	0.67	0.57	0.51	0.46	0191-1

Ratio1: A1 / A1 + E1
Ratio2: B1 / B1 + E1
Ratio3: A1 / A1 + E1 + G1
Ratio4: A1+B1 / A1+B1+C1+D1+E1+F1+G1+H1+I1

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Sample
3355.87	S/Sst	0.35	0.23	0.22	0.19	0239-1

Ratio1: A1 / A1 + E1
Ratio2: B1 / B1 + E1
Ratio3: A1 / A1 + E1 + G1
Ratio4: A1+B1 / A1+B1+C1+D1+E1+F1+G1+H1+I1

Table 12E: Aromatisation of Steranes for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Sample
2671.00	Sh/Clst	0.57	0.74	0097-1
2761.00	Sh/Clst	0.40	0.84	0379-1
2869.00	Sh/Clst	0.34	0.93	0391-1
2888.50	bulk	0.42	0.93	0334-0
2959.00	Sh/Clst	0.37	0.94	0401-1
3202.00	Sh/Clst	0.32	0.95	0416-1
3214.50	bulk	1.00	-	0335-0
3222.00	Coal	0.47	1.00	0106-1
3226.00	S/Sst	0.50	0.89	0110-1
3241.00	S/Sst	1.00	-	0124-1
3271.00	S/Sst	0.35	1.00	0160-2
3278.00	S/Sst	0.49	0.89	0167-1
3287.00	S/Sst	0.31	0.96	0177-1

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

Ratio2: g1 / g1 + I1

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Table 12E: Aromatisation of Steranes for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Sample
3305.00	Congl	0.48	0.91	0191-1
3355.87	S/Sst	1.00	-	0239-1

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

Ratio2: g1 / g1 + I1

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Table 12F: Raw GCMS triterpane data (peak height) SIR for Well NOCS 35/11-5 Page: 1

Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
2671.00	Sh/Clst	50243.80	15652.60	13164.70	33236.70	4250.80	66820.30	247362.30	5217.50	438588.00	0097-1
		22099.40	125720.80	678532.88	174098.80	345392.41	257032.91	119873.10	121788.60		
		111291.30	102154.00	94399.90	67848.20	68631.20	56607.60	59820.80			
2761.00	Sh/Clst	98181.70	28508.30	29386.80	67755.00	11888.40	130411.20	266939.00	635572.00	708191.00	0379-1
		34165.50	138627.30	1104959.38	153817.50	453742.41	320010.31	110884.00	229596.09		
		180110.91	298351.41	229914.09	166670.30	141375.80	210595.00	170086.91			
2869.00	Sh/Clst	113667.60	39820.10	41336.30	84490.00	14713.60	172819.70	298090.50	961720.81	921264.88	0391-1
		53598.00	121166.80	1525962.50	212246.41	665982.88	440026.41	129104.00	341894.50		
		244964.80	309165.31	216200.59	198713.59	135358.59	217428.50	150685.09			
2888.50	bulk	12851.50	11219.20	5246.10	7754.00	2312.30	30315.70	12811.20	28339.00	49395.70	0334-0
		20008.00	7238.80	134648.09	10461.00	56097.30	32089.60	6848.60	32591.30		
		24745.60	21718.20	15360.30	11581.90	7398.60	9742.10	5147.50			
2959.00	Sh/Clst	47206.00	20217.80	15422.20	120065.90	6979.10	79271.30	471352.81	554752.63	984237.19	0401-1
		93929.00	156900.80	1561416.00	303928.00	868092.00	563124.00	216846.30	415610.41		
		298415.69	251669.41	176601.50	175645.91	117556.00	125735.50	89123.80			

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Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
3202.00	Sh/Clst	59888.00	20318.50	12302.80	153494.59	7371.10	175104.00	295252.59	21934.60	794658.69	0416-1
		140062.00	78611.40	1636064.00	219555.00	799956.00	518814.41	139985.91	422701.59		
		301165.31	239427.80	167953.70	149796.41	104994.40	74309.80	46396.30			
3214.50	bulk	8713.30	7745.90	2182.70	7064.60	1562.40	16782.70	6778.60	4628.70	20301.40	0335-0
		12550.80	1951.80	58803.30	3131.60	22444.00	11096.00	2237.80	9763.20		
		8179.70	5168.80	3460.00	2715.30	1850.50	1548.40	1181.50			
3222.00	Coal	11464.00	5487.60	2537.00	88267.00	1262.80	57094.80	266893.41	10068.90	597068.63	0106-1
		91591.10	48755.60	1163926.38	136066.20	560021.81	32609.30	69502.00	238336.00		
		189382.50	104931.40	77390.80	66750.50	44538.80	18951.40	10566.40			
3226.00	S/Sst	23442.30	15192.20	5392.00	15214.80	2564.50	34508.30	21536.90	15505.40	61044.80	0110-1
		26520.50	5073.50	126188.40	10290.50	52117.90	29384.80	5308.10	25966.90		
		19470.00	14816.50	8701.10	6922.20	4574.70	4117.80	2576.90			
3241.00	S/Sst	14809.10	10058.00	4113.90	9652.00	1954.50	22802.70	14504.90	8774.50	45309.60	0124-1
		13534.10	3977.20	88896.30	6026.50	37497.40	20066.30	3903.90	17504.40		
		12158.30	8270.30	5428.80	4126.40	2804.90	2842.10	2381.80			

Depth unit of measure: m

Depth	Lithology	p	q	r	s	t	a	b	z	c	Sample
		x	d	e	f	g	h	i	j1		
		j2	k1	k2	l1	l2	m1	m2			
3271.00	S/Sst	0.00	0.00	0.00	134995.70	0.00	43677.30	200556.30	9215.30	454532.41	0160-2
		101444.90	38354.30	845950.88	64114.60	353811.69	208647.80	41668.00	253427.00		
		181510.80	81561.90	60442.30	48852.20	28284.00	13094.40	6968.00			
3278.00	S/Sst	24254.00	17205.10	6415.10	21708.20	4766.00	42605.40	34522.90	40317.10	101276.10	0167-1
		24644.00	12085.40	206711.91	15564.60	76952.70	4222.70	9955.50	40895.80		
		28047.50	25176.70	17483.00	13072.50	8099.50	8835.40	6064.10			
3287.00	S/Sst	67776.70	44651.70	18667.50	45563.00	7861.00	73961.90	92059.80	133923.59	316934.81	0177-1
		31616.90	48096.30	649258.31	52344.50	228057.91	143574.59	24651.20	134169.00		
		92109.80	103987.70	67442.00	54082.20	35084.00	40522.00	26659.30			
3305.00	Congl	22476.80	16217.00	5653.30	20068.30	3250.00	38737.70	40218.00	45656.10	114659.60	0191-1
		24454.30	14365.00	226581.80	19257.70	81106.90	45186.70	9872.00	43345.00		
		31229.50	27075.40	17462.90	14963.60	9527.00	8291.70	4075.20			
3355.87	S/Sst	10281.80	6003.40	2600.10	5842.50	1275.60	10524.40	11571.80	7660.60	43198.80	0239-1
		3306.60	3602.70	63277.10	3313.00	22275.10	12673.20	2033.20	11162.30		
		7821.90	6007.80	3820.90	2719.30	1929.60	2593.00	1651.80			

Table 12G: Raw GCMS sterane data (peak height) SIR for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
2671.00	Sh/Clst	84221.90	27118.20	195417.41	129032.80	46951.80	60356.50	92773.10	62624.00	114828.80	0097-1
		117116.70	58011.70	303792.81	107260.00	32050.80	52424.00	52546.00	41928.30		
		164114.80	61888.00	69601.80	23310.10	241975.30					
2761.00	Sh/Clst	236199.00	87693.50	328376.00	222556.00	81211.80	104452.00	175570.70	120614.90	370202.59	0379-1
		215041.59	161677.00	603520.81	178422.30	78725.90	201003.41	137821.09	124778.60		
		396181.69	225454.91	212268.80	102186.20	572371.38					
2869.00	Sh/Clst	173464.00	61542.30	293607.81	187592.59	72649.10	83672.30	136554.09	84045.80	224622.00	0391-1
		273718.00	146427.00	243791.00	189623.91	75468.60	117381.60	102675.50	107820.80		
		145345.00	201680.50	215484.91	129623.80	319077.59					
2888.50	bulk	31472.70	9154.00	48303.40	28980.50	9533.30	12130.00	18371.70	12476.50	8411.80	0334-0
		30989.80	19473.50	6424.70	22506.60	7624.60	8125.60	10994.00	14498.00		
		4240.20	6411.60	19776.10	16572.50	8270.40					
2959.00	Sh/Clst	102982.40	29739.00	208351.09	141418.20	60128.50	65827.10	86512.70	48935.30	87769.60	0401-1
		311606.81	78596.10	95366.80	199688.59	82084.60	47364.60	51056.00	49721.10		
		55217.10	101067.10	119566.50	79134.10	154843.70					

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
3202.00	Sh/Clst	94927.50	34636.50	254182.09	165671.09	60166.10	66844.90	44470.80	31947.00	70270.00	0416-1
		141358.00	81392.00	58741.90	92204.00	26392.60	28541.10	33738.10	37080.40		
		21867.80	54617.20	77331.50	59367.00	71420.60					
3214.50	bulk	22216.50	6186.00	24770.90	14258.10	3616.30	6189.70	8326.40	4847.00	4314.40	0335-0
		18471.10	9766.90	1771.40	14684.60	3430.70	2607.60	4512.60	8273.60		
		1441.80	3420.10	8606.40	7770.40	3750.40					
3222.00	Coal	12673.00	4173.00	11745.60	10075.70	3432.60	5486.20	7553.30	5488.60	5711.40	0106-1
		40732.80	9831.80	3005.70	26339.20	8522.50	8633.10	5161.40	8390.80		
		221.40	6382.00	20116.70	14364.70	12749.60					
3226.00	S/Sst	35594.40	13433.40	41500.80	25202.00	8023.60	9083.30	13959.00	8872.40	10132.30	0110-1
		30118.10	19630.10	4942.20	23805.80	7373.00	8871.00	11048.50	16994.80		
		3659.10	8261.20	22367.50	16673.50	8294.40					
3241.00	S/Sst	22705.20	6783.50	23313.10	13948.10	4931.50	5960.80	8410.80	5880.60	6043.00	0124-1
		18151.50	12687.00	5120.60	14921.90	3632.10	4662.20	6333.90	11021.30		
		2691.60	3880.70	13140.90	11355.70	6573.70					

Depth unit of measure: m

Depth	Lithology	u	v	a	b	c	d	e	f	g	Sample
		h	i	j	k	l	m	n	o		
		p	q	r	s	t					
3271.00	S/Sst	9960.30	3089.30	6440.60	6913.50	2044.50	3352.80	23245.20	12780.60	12511.00	0160-2
		75330.90	10529.10	13248.00	53064.00	20649.20	14715.00	7835.50	11641.60		
		1645.60	14420.10	25370.30	19018.30	14093.60					
3278.00	S/Sst	56540.40	22181.10	58089.80	37229.40	9068.20	14953.70	27781.90	17090.10	19364.70	0167-1
		45130.90	41179.50	15185.70	44068.00	12060.30	15771.80	28384.50	43051.20		
		10097.00	17850.00	48069.80	40727.50	22379.20					
3287.00	S/Sst	138868.20	56276.80	94647.50	59067.80	21166.50	24030.00	39804.00	26444.20	55489.90	0177-1
		79739.00	72859.50	58378.20	53095.80	17527.80	39974.80	57048.20	63428.60		
		29220.40	39109.90	77614.90	66389.70	52626.60					
3305.00	Congl	55634.50	26483.00	62993.40	39116.90	10429.30	15994.30	27077.40	16642.00	24914.40	0191-1
		48422.50	42987.80	13024.80	41775.40	12090.50	18711.80	34489.30	48716.80		
		12532.80	21272.40	52803.40	43068.80	26639.40					
3355.87	S/Sst	10550.60	5054.50	15254.50	9365.00	2114.50	3820.40	5646.30	3669.60	5018.60	0239-1
		10307.90	9542.40	6506.90	8589.80	2225.80	4138.40	6965.60	9105.40		
		3075.20	4417.40	9461.90	8415.00	6137.30					

Table 12H: Raw GCMS trioaromatic sterane data (peak height) for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	Sample
2671.00	Sh/Clst	102277.80	62464.00	192441.50	655562.69	186586.30	299187.59	192786.30	0097-1
2761.00	Sh/Clst	909696.00	634944.00	2015189.50	5588334.00	1607424.00	2617152.00	1961813.50	0379-1
2869.00	Sh/Clst	731814.00	571090.31	1508331.00	4078726.00	2727825.00	1904674.50	2629169.75	0391-1
2888.50	bulk	135720.30	120536.00	36998.40	130328.50	101685.40	83624.90	88518.40	0334-0
2959.00	Sh/Clst	171921.30	127242.70	205189.59	485413.91	377096.81	206658.00	359849.19	0401-1
3202.00	Sh/Clst	561913.31	429074.41	275881.19	598296.00	395456.00	256086.30	393014.00	0416-1
3214.50	bulk	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0335-0
3222.00	Coal	110850.30	98257.20	0.00	45904.00	35424.00	20379.50	42096.10	0106-1
3226.00	S/Sst	230941.50	214391.50	28141.60	76765.30	55096.00	33935.80	45392.00	0110-1
3241.00	S/Sst	36886.60	34208.00	0.00	0.00	0.00	0.00	0.00	0124-1
3271.00	S/Sst	60418.80	46118.40	0.00	30740.00	27292.50	11520.00	34064.70	0160-2
3278.00	S/Sst	300196.59	323925.31	47030.90	163664.00	109504.00	60896.00	110687.20	0167-1
3287.00	S/Sst	102025.50	103063.00	103732.80	346613.31	145419.59	166926.50	193354.70	0177-1
3305.00	Congl	256502.91	287698.31	33664.00	196608.00	119658.80	71281.80	95252.20	0191-1
3355.87	S/Sst	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0239-1

Table 12I: Raw GCMS monoaromatic sterane data (peak height) for Well NOCS 35/11-5

Depth unit of measure: m

Depth	Lithology	a1	b1	c1	d1	e1	f1	g1	h1	i1	Sample
2671.00	Sh/Clst	147826.91	73148.00	172156.00	201339.80	675436.88	104440.10	539498.38	231155.80	68575.50	0097-1
2761.00	Sh/Clst	770171.38	380267.50	982760.00	1154516.50	2845448.00	314492.00	2374171.00	1269212.63	380568.81	0379-1
2869.00	Sh/Clst	579202.31	310329.59	747380.13	646949.81	1596136.25	214110.50	1942900.00	1115302.75	211344.80	0391-1
2888.50	bulk	91865.10	57619.80	53338.30	40706.50	84963.80	16851.80	73449.40	43488.00	6704.00	0334-0
2959.00	Sh/Clst	98488.00	54124.60	112127.00	93323.40	208872.91	58014.00	309357.50	175352.00	22100.50	0401-1
3202.00	Sh/Clst	114682.30	87572.00	141582.50	123948.30	196434.50	58805.10	215333.80	128679.40	19482.80	0416-1
3214.50	bulk	28157.30	16609.40	3160.30	2627.30	5339.40	2722.30	4265.30	2780.90	812.50	0335-0
3222.00	Coal	8084.00	0.00	19801.30	0.00	51490.30	22103.90	21379.10	13416.00	0.00	0106-1
3226.00	S/Sst	111104.80	68557.80	37291.30	30824.40	50649.80	21912.40	56777.50	32263.10	5350.10	0110-1
3241.00	S/Sst	15172.20	6273.20	2712.50	3179.20	7632.90	1966.00	6746.70	3139.50	1305.10	0124-1
3271.00	S/Sst	7393.60	0.00	8561.00	0.00	12990.30	7116.00	15707.30	11372.40	0.00	0160-2
3278.00	S/Sst	224454.91	151400.00	56885.40	64924.80	127681.80	39490.90	103120.00	66214.90	14197.40	0167-1
3287.00	S/Sst	100577.60	59430.10	70164.90	56118.30	126184.60	21169.30	108254.20	45085.50	7068.00	0177-1
3305.00	Congl	247978.41	161642.59	87410.80	53986.60	121444.50	25725.50	114739.70	61856.10	9387.60	0191-1
3355.87	S/Sst	14222.20	7760.30	14090.10	9888.00	26281.60	3615.20	24050.00	11122.80	1836.80	0239-1