Run No.	Depth m MD RKB	Depth m TVD RKB	Formation Pressure kPa	Comments
3A	1222.0	1221.0	12436	Very Good
4B	1892.5	1891.3	23427	Good. Sample.
4B	1921.0	1919.8	28724	Poor
4B	1921.0	1919.8	27674	Poor
4B	2011.0	2009.8	-	Seal Failure
4B	2011.2	2010.0	27539	Poor
4B	2012.5	2011.3	-	Tight
4B	2012.7	2011.5	-	Tight
4B	1888.5	1887.3	26420	Poor
4B	1827.5	1826.2	25470	Poor
6C	3328.0	3325.0	-	Seal failure
6C	3330.0	3327.0	57276	Moderate
8D	3536.5	3533.2	59339	Sample/Tool failed
8E	3536.5	3533.2	59384	Moderate
8E	3538.2	3534.9	59388	Moderate
8E	3540.8	3537.5		Seal failure
8E	3540.6	3537.3	60690	Supercharged
8E	3542.0	3538.7	59393	Moderate
8E	3543.2	3539.9	59414	Moderate
8E	3544.2	3540.9		Tight
8E	3546.4	3543.0	59516	Moderate
8E	3550.6	3547.2	59578	Moderate
8E	3553.5	3550.1		Tight
8E	3561.2	3557.8	59689	Poor
8E	3564.1	3560.7		Tight
8E	3571.5	3568.1		Seal failure
8E	3573.7	3570.3		Seal failure
8E	3566.3	3562.9		Tight
8E	3324.0	3321.0		Tight
8E	3326.0	3323.0		Seal failure
8E	3326.7	3323.7	57263	Good

Run No.	Depth m MD RKB	Depth m TVD RKB	Formation Pressure kPa	Comments
8E	3329.0	3326.0	57282	Good
8E	3334.0	3331.0	57320	Moderate
8E	3336.8	3333.8	57355	Moderate
8E	3340.5	3337.5		Seal failure
8E	3339.8	3336.8		Tight
8E	3351.0	3348.0	57515	Moderate
8E	3352.5	3349.5	57532	Moderate
8E	3357.2	3354.2		Tight
8E	3371.2	3368.2		Seal failure
8E	3374.0	3371.0		Seal failure
8E	3373.5	3370.5		Seal failure
8E	3376.0	3373.0		Seal failure
8E	3379.0	3376.0	57785	Moderate
8E	3383.0	3380.0		Seal failure
8E	3382.0	3379.0		Tight
8E	3407.8	3404.7		Seal failure
8E	3412.5	3409.4	58186	Moderate
8E	3425.5	3422.4	58286	Moderate
8E	3432.0	3428.8		Tight
8E	3440.7	3437.5		Seal failure
8E	3450.0	3446.8	58528	Moderate
8E	3455.0	3451.8		Seal failure
8E	3454.5	3451.3		Tight
8E	3460.0	3456.8		Seal failure
8E	3808.5	3804.6		Tight
8E	3811.0	3807.1		Seal failure
8E	3815.0	3811.1		Tight
8E	3817.0	3813.1		Seal failure
8E	3841.0	3837.1	62459	Moderate
8E	3830.0	3826.1		Seal failure
8F	3593.5	3590.0		Tight
8F	3598.0	3594.5	60012	Moderate

Run No.	Depth m MD RKB	Depth m TVD RKB	Formation Pressure kPa	Comments
8F	3601.0	3597.5		Seal failure
8F	3604.0	3600.5		Seal failure
8F	3609.0	3605.5		Tight
8F	3615.0	3611.5	60630	Supercharged
8F	3618.0	3614.5		Tight
8F	3622.5	3619.0		Seal failure
8F	3629.5	3626.0		Seal failure
8F	3829.5	3825.6		Tight
8F	3832.0	3828.5		Tight
8F	3835.0	3831.1		Tight
8F	3841.0	3837.1	62910	Supercharged
8F	3598.0	3594.1	59930	Poor. Sample.

Table 3.4 FMT Pressures

ANCHOR DRILLING FLUIDS A/S

MATERIAL COST AND CONSUMPTION

OPERATOR:	STATOIL	RIG:	DEEPSEA BERGEN
WELL NO:	35/10-1	AREA:	NORTH SEA
SECTION:	36"		

PRODUCTS	UNIT SIZE	UNIT PRICE NOK	USED	TOTAL COST NOK
BARITE	M.T.	645,00	5	3225,00
BENTONITE	M.T.	1716,00	14	24024,00
LIME	KG	1,56	160	249,60
SODA ASH	KG	2,31	250	577,50
CMC EHV	KG	14,56	3125	45500,00
CELPOL REG	KG	32,28	150	4842,00
SECTION COST				78418,10
SECTION DAYS				2
COST PR. DAY				39209,05
SECTION LENGTH				64
COST PR.METER				1225,28
VOLUME MIXED				383
COST PR. CU. MTR				204,75
DILUTION RATE				
CU. MTR. PR. MTR				5,98

ANCHOR DRILLING FLUIDS A/S

MATERIAL COST AND CONSUMPTION

OPERATOR:	**STATOIL**	**RIG:**	**DEEPSEA BERGEN**
WELL NO:	**35/10-1**	**AREA:**	**NORTH SEA**
SECTION:	**26"**		

PRODUCTS	UNIT SIZE	UNIT PRICE NOK	USED	TOTAL COST NOK
BARITE	M.T.	645,00	330	212850,00
CMC EHV	KG	14,56	8800	128128,00
SECTION COST				340978,00
SECTION DAYS				6
COST PR. DAY				56829,67
SECTION LENGTH				287,5
COST PR.METER				1186,01
VOLUME MIXED				727
COST PR. CU. MTR				469,02
DILUTION RATE				
CU. MTR. PR. MTR				2,53

ANCHOR DRILLING FLUIDS A/S

MATERIAL COST AND CONSUMPTION

OPERATOR:	**STATOIL**	**RIG:**	**DEEPSEA BERGEN**
WELL NO:	**35/10-1**	**AREA:**	**NORTH SEA**
SECTION:	**17 1/2"**		

PRODUCTS	UNIT SIZE	UNIT PRICE NOK	USED	TOTAL COST NOK
BARITE	M.T.	645,00	518	334110,00
ANCOCIDE	LTR	16,22	400	6488,00
CELPOL REG	KG	32,28	1250	40350,00
CELPOL SL	KG	32,28	32311	1042999,08
GYPSUM	KG	1,62	17500	28350,00
LIME	KG	1,56	240	374,40
IMCOSPOT	KG	35,44	2270	80448,80
PIPELAX	LTR	29,18	800	23344,00
CMC EHV	KG	14,56	250	3640,00
SODIUM BICARB	KG	3,31	250	827,50
SECTION COST				1560931,78
SECTION DAYS	(Included plugging back)			18
COST PR. DAY				86718,43
SECTION LENGTH				1159
COST PR.METER				1346,79
VOLUME MIXED				2217
COST PR. CU. MTR				704,07
DILUTION RATE				
CU. MTR. PR. MTR				1,91

ANCHOR DRILLING FLUIDS A/S

MATERIAL COST AND CONSUMPTION

OPERATOR:	**STATOIL**	**RIG:**	**DEEPSEA BERGEN**
WELL NO:	**35/10-1**	**AREA:**	**NORTH SEA**
SECTION:	**17 1/2" SIDETRACK**		

PRODUCTS	UNIT SIZE	UNIT PRICE NOK	USED	TOTAL COST NOK
BARITE	M.T.	645,00	231	148995,00
ANCOCIDE	LTR	16,22	850	13787,00
CELPOL REG	KG	32,28	4675	150909,00
CELPOL SL	KG	32,28	21450	692406,00
GYPSUM	KG	1,62	10625	17212,50
LIME	KG	1,56	300	468,00
SODA ASH	KG	2,31	75	173,25
BENTONITE	M.T.	1716,00	7	12012,00
CMC EHV	KG	14,56	825	12012,00
SODIUM BICARB	KG	3,31	1175	3889,25
IRONITE SPONGE	KG	24,77	522	12929,94
SECTION COST				1064793,94
SECTION DAYS				14
COST PR. DAY				76056,71
SECTION LENGTH				1120,5
COST PR.METER				950,28
VOLUME MIXED				1134
COST PR. CU. MTR				938,97
DILUTION RATE				
CU. MTR. PR. MTR				1,01

ANCHOR DRILLING FLUIDS A/S

MATERIAL COST AND CONSUMPTION

OPERATOR:	STATOIL	RIG:	DEEPSEA BERGEN
WELL NO:	35/10-1	AREA:	NORTH SEA
SECTION:	12 1/4"		

PRODUCTS	UNIT SIZE	UNIT PRICE NOK	USED	TOTAL COST NOK
BARITE	M.T.	645,00	667	430215,00
ANCOCIDE	LTR	16,22	925	15003,50
CELPOL REG	KG	32,28	4150	133962,00
CELPOL SL	KG	32,28	15568	502535,04
GYPSUM	KG	1,62	18325	29686,50
LIME	KG	1,56	685	1068,60
SODIUM BICARB.	KG	3,31	3375	11171,25
DESCO CF	KG	19,68	954	18774,72
XCD POLYMER	KG	73,01	75	5475,75
MICA FINE	KG	3,92	3050	11956,00
IRONITE SPONGE	KG	24,77	295	7307,15
SECTION COST				1167155,51
SECTION DAYS				21
COST PR. DAY				55578,83
SECTION LENGTH				1184,5
COST PR.METER				985,36
VOLUME MIXED				1577
COST PR. CU. MTR				740,11
DILUTION RATE				
CU. MTR. PR. MTR				1,33

ANCHOR DRILLING FLUIDS A/S

MATERIAL COST AND CONSUMPTION

OPERATOR:	**STATOIL**	**RIG:**	**DEEPSEA BERGEN**
WELL NO:	**35/10-1**	**AREA:**	**NORTH SEA**
SECTION:	**8 1/2"**		

PRODUCTS	UNIT SIZE	UNIT PRICE NOK	USED	TOTAL COST NOK
BARITE	M.T.	645,00	1446	932670,00
BENTONITE	M.T.	1716,00	84	144144,00
ANCORESIN	KG	12,46	7000	87220,00
ANCOTEMP	KG	90,37	4741	428444,17
LIME	KG	1,56	540	842,40
SODA ASH	KG	2,31	1000	2310,00
DESCO CF	KG	19,68	272	5352,96
CAUST.LIGNITE	KG	3,89	5825	22659,25
DEFOAMER	KG	15,55	250	3887,50
SOD. BICARBONATE	KG	3,31	1125	3723,75
GYPSUM	KG	1,62	165	267,30
SECTION COST				1631521,33
SECTION DAYS				28
COST PR. DAY				58268,62
SECTION LENGTH				286
COST PR.METER				5704,62
VOLUME MIXED				1346
COST PR. CU. MTR				1212,13
DILUTION RATE				
CU. MTR. PR. MTR				4,71

ANCHOR DRILLING FLUIDS A/S

MATERIAL COST AND CONSUMPTION

OPERATOR:	**STATOIL**	**RIG:**	**DEEPSEA BERGEN**
WELL NO:	**35/10-1**	**AREA:**	**NORTH SEA**
SECTION:	**6"**		

PRODUCTS	UNIT SIZE	UNIT PRICE NOK	USED	TOTAL COST NOK
BARITE	M.T.	645,00	1730	1115850,00
BENTONITE	M.T.	1716,00	75	128700,00
ANCORESIN	KG	12,46	19500	242970,00
ANCOTEMP	KG	90,37	18062	1632262,94
LIME	KG	1,56	320	499,20
SODA ASH	KG	2,31	350	808,50
CELPOL REG	KG	32,28	25	807,00
CAUST.LIGNITE	KG	3,89	16875	65643,75
SPERCELL FE	KG	3,77	700	2639,00
SOD. BICARBONATE	KG	3,31	8125	26893,75
GYPSUM	KG	1,62	700	1134,00
DESCO CF	KG	19,68	1497	29460,96
DEFOAMER	LTR	15,55	450	6997,50
THERMOPOL	KG	148,00	950	140600,00
LIQUID CASING	KG	47,50	2210	104975,00
OM SEAL	KG	29,70	1359	40362,30
MICA FINE	KG	3,92	550	2156,00
NUTPLUG FINE	KG	3,75	525	1968,75
SECTION COST				3544728,65
SECTION DAYS				69
COST PR. DAY				51372,88
SECTION LENGTH				660
COST PR.METER				5370,80
VOLUME MIXED				1510
COST PR. CU. MTR				2347,50
DILUTION RATE				
CU. MTR. PR. MTR				2,29

ANCHOR DRILLING FLUIDS A/S

MATERIAL COST AND CONSUMPTION

OPERATOR:	**STATOIL**	**RIG:**	**DEEPSEA BERGEN**
WELL NO:	**35/10-1**	**AREA:**	**NORTH SEA**
SECTION:	**P & A**		

PRODUCTS	UNIT SIZE	UNIT PRICE NOK	USED	TOTAL COST NOK
BARITE	M.T.	645,00	89	57405,00
ANCOTEMP	KG	90,37	590	53318,30
SODIUM BICARB.	KG	3,31	675	2234,25
DESCO CF	KG	19,68	477	9387,36
CELPOL REULAR	KG	32,28	525	16947,00
BENTONITE	M.T.	1716,00	14	24024,00
SECTION COST				163315,91
SECTION DAYS				12
COST PR. DAY				13609,66
SECTION LENGTH				
COST PR.METER				N/A
VOLUME MIXED				246
COST PR. CU. MTR				663,89
DILUTION RATE				
CU. MTR. PR. MTR				N/A

OPERATOR: STATOIL — TOTAL MATERIAL COST AND CONSUMPTION — WELL: 35/10-1

Product	Unit size	Unit price NOK	36" sect.	Cost NOK	26" sect.	Cost NOK	17 1/2" sect.	Cost NOK	17 1/2" S/T sect.	Cost NOK	12 1/4" sect.	Cost NOK	8 1/2" sect.	Cost NOK	6" sect.	Cost NOK	P & A	Cost NOK	Total consumed	Total cost NOK
Barite	M.T	645,00	5	3 225,00	330	212 850,00	518	334 110,00	231	148 995,00	667	430 215,00	1446	932 670,00	1730	1 115 850,00	89	57 405,00	5016	3 235 320,00
Bentonite	M.T.	1 716,00	14	24 024,00					7	12 012,00			84	144 144,00	75	128 700,00	14	24 024,00	194	332 904,00
Soda Ash	kg	2,31	250	577,50					75	173,25			1000	2 310,00	350	808,50			1675	3 869,25
Pelpol LV	kg	32,28					32311	1 042 999,08	21450	692 406,00	15568	502 535,04							69329	2 237 940,12
Pelpol Reg	kg	32,28	150	4 842,00			1250	40 350,00	4675	150 909,00	4150	133 962,00			25	807,00	525	16 947,00	10775	347 817,00
PCD polymer	kg	73,01									75	5 475,75							75	5 475,75
PMC EHV	kg	14,56	3125	45 500,00	8800	128 128,00	250	3 640,00	825	12 012,00									13000	189 280,00
Lime	kg	1,56	160	249,60			240	374,40	300	468,00	685	1 068,60	540	842,40	320	499,20			2245	3 502,20
Incospot	kg	35,44					2270	80 448,80											2270	80 448,80
Incocide	ltr	16,22					400	6 488,00	850	13 787,00	925	15 003,50							2175	35 278,50
Mpelex	ltr	29,18					800	23 344,00											800	23 344,00
Caust.Lignite	kg	3,89											5825	22 659,25	16875	65 643,75			22700	88 303,00
Incotemp	kg	90,37											4741	428 444,17	18062	1 632 262,94	590	53 318,30	23393	2 114 025,41
Inco Resin	kg	12,46											7000	87 220,00	19500	242 970,00			26500	330 190,00
Tonite Sponge	kg	24,77							522	12 929,94	295	7 307,15							817	20 237,09
Desco CF	kg	19,68									954	18 774,72	272	5 352,96	1497	29 460,96	477	9 387,36	3200	62 976,00
Bicarbonate	kg	3,31					250	827,50	1175	3 889,25	3375	11 171,25	1125	3 723,75	8125	26 893,75	675	2 234,25	14725	48 739,75
Gypsum	kg	1,62					17500	28 350,00	10625	17 212,50	18325	29 686,50	165	267,30	700	1 134,00			47315	76 650,30
Mica Fine	kg	3,92									3050	11 956,00			550	2 156,00			3600	14 112,00
Defoamer	ltr	15,55											250	3 887,50	450	6 997,50			700	10 885,00
Mutplug fine	kg	3,75													525	1 968,75			525	1 968,75
Spercell FE	kg	3,77													700	2 639,00			700	2 639,00
Liquid casing	kg	47,50													2210	104 975,00			2210	104 975,00
OM seal	kg	29,70													1359	40 362,30			1359	40 362,30
Thermopol	kg	148,00													950	140 600,00			950	140 600,00
Total cost	NOK			78 418,10		340 978,00		1 560 931,78		1 064 793,94		1 167 155,51		1 631 521,33		3 544 728,65		163 315,91		9 551 843,22
Hole drilled	m			64		287,5		1159		1120,5		1184,5		286		660		N/A		4 761,50
Cost per metre	NOK			1 225,28		1 186,01		1 346,79		950,28		985,36		5 704,62		5 370,80		N/A		2 006,06
Total days				2		6		18		14		21		28		69		12		170
Cost per day	NOK			39 209,05		56 829,67		86 718,43		76 056,71		55 578,83		58 268,62		51 372,88		13 609,66		56 187,31
Mud mixed	m3			383		727		2217		1134		1577		1346		1510		246		9 140,00
Cost per m3	NOK			204,75		469,02		704,07		938,97		740,11		1 212,13		2 347,50		663,89		1 045,06

ANCHOR DRILLING FLUIDS A/S

WELL: 35/10-1 | **RIG: DEEPSEA BERGEN** | **AREA: NORTH SEA NORWAY**

Mud volume distribution summary

Hole size	Hole From-to	Hole Length	Mud/brine Built	Dumped	Lost to Formation	Lost over solids control equipment	Mud left between csg/csg plus left in hole	cuttings volume drilled	Mud transferred to next section	Mud type used for Interval
inch	*m*	*m*	*m3*	*m3*	*m3*	*m3*	*m3*	*m3*	*m3*	
36	384,5-448,5	64	383	133				42,03	250	SW/VISC. PILLS
26	448,5-736	287,5	727	912				98,47	65	SW/CMC EHV
17 1/2	736-1895	1159	2217	1059	708	119	56	179,88	340	GYP/PAC
17 1/2 S/T	735-1855,5	1120,5	1134	812		333	47	173,90	282	GYP/PAC
12 1/4	1855,5-3040	1184,5	1577	802	203	527	70	90,02	257	GYP/PAC
8 1/2	3040-3326	286	1346	516	698	41		10,47	348	ANCOTEMP/BENTONITE
6	3326-3986	660	1510	728	494	376		12,01	260	ANCOTEMP/BENTONITE
P & A	-	-	246	337	91	18	60	-	0	ANCOTEMP/BENTONITE

TOTALS							
Start volume:	0	m3		Total mud/Brine left/lost downhole:	2427	m3
Mud/Brine built:	9140	m3		Total mud/Brine to sea:	6713	m3
Mud/Brine dumped:	5299	m3		Total cuttings volume drilled:	606,78	m3
Mud/Brine lost to formation:	2194	m3				
Mud/Brine lost over solids			**COMMENTS:**	36" SECTION: 133 m3 dumped i.e. returns to seabed.		
control equipment:	1414	m3		26" SECTION: 912 m3 dumped i.e. returns to seabed.		
Mud/Brine left between csg/csg				17 1/2" SECTION: 56 m3 left in hole when plugging back.		
plus left in hole:	233	m3		17 1/2" S/T SECTION: 47 m3 left behind casing.		
Final volume:	0	m3		12 1/4" SECTION: 70 m3 left behind casing.		
				P & A: 60 m3 left in hole is 97 m3 minus 37 m3 (gained from behind 13 3/8" casing).		

ANCHOR DRILLING FLUIDS

DRILLING MUDPROPERTIES RECORD

ANCHOR DRILLING FLUIDS

WELL NO: 35/10-1

AREA: NORTH SEA NORWAY

DAY no.	DATE 1991/ 1992	DEPTH mtrs	HOLE SIZE inch	M.W. S.G.	F.VIS s/qt.	VG-METER READINGS 600 rpm	300 rpm	200 rpm	100 rpm	60 rpm	30 rpm	6 rpm	3 rpm	A.V. cps	P.V. cps	Y.P. Pa	GEL 10sec Pa	GEL 10min Pa	pH	API ml	HTHP ml	Cl- mg/l	Pf ml	Mf ml	TOT.H. mg/l	SOLIDS vol%	OIL vol%	SAND vol%	MBT kg/m3	EX. GYP kg/m3	Ca++ mg/l	HGS kg/m3	LGS kg/m3
1	31-Jul		36	1,04	100+																											
2	1-aug	448,5	36	1,04	100+																											
3	2-aug	454	26	1,04	100+																											
4	3-aug	760	9 7/8	1,25	100															5												
5	4-aug	760	9 7/8	1,25	100																											
6	5-aug	760	26	1,04	140																											
7	6-aug	736	26	1,25	110																											
8	7-aug	736	26	MIXING MUD FOR NEXT SECTION																												
9	8-aug	736	17 1/2	1,20	45	60	35	25	14			1	1	30	25	5	1	1	8,6	3,4		18000	0	0,3	3280	8	0	0	0	3,8	1800		
10	9-aug	891	17 1/2	1,20	47	56	32	22	13	8	4	1	1	28	24	4	1	1	9,7	3,2		20000	0,05	0,4	3680	9	0	TR	11	3,8	2640	148	116
11	10-aug	1263	17 1/2	1,20	47	52	30	21	12	8	5	1	1	26	22	4	1	1	8,5	3,8		20000	0	0,3	2900	9	0	0,8	35	3,2	1700	148	116
12	11-aug	1692	17 1/2	1,20	60	50	29	20	12	8	4	2	1	25	21	4	1	1,5	8,2	3,2		19500	0	0,3	3280	9	0	0,7	53	3,4	2000	148	117
13	12-aug	1895	17 1/2	1,20	60	48	28	19	11	8	4	2	1	24	20	4	1	1,5	8,3	3,2		19000	0	0,3	3880	9	0	0,3	53	3,2	1880	148	117
14	13-aug	1895	17 1/2	1,20	57	36	21	13	7	4	3	1	1	18	15	3	1	3	8,3	3		19000	0	0,3	4000	9	0	0,1	24	5,8	2800		
15	14-aug	1895	17 1/2	1,20	75	49	28	18	10	7	4	1	1	24,5	21	3,5	1	1	9,5	2,8		20000	0	0,4	4280	9	0	0,5	12	2,5	2400		
16	15-aug	1895	17 1/2	1,20	87	49	28	20	10	7	4	2	1	24,5	21	3,5	1	1	8,9	3		20000	0	0,5	4000	9	0	0,5	12	4	2000		
17	16-aug	1895	17 1/2	1,20	120	85	51	38	21	14	8	2	1	42,5	34	8,5	1	1,5	8,9	3		20000	0	0,5	4000	9	0	0,5	12	4	2000		
18	17-aug	1895	17 1/2	1,30	80	60	35	25	14	10	5	2	1	30	25	5	1	1,5	8,5	3		20000	0	0,3	4000	13	0	0	7	4	2000		
19	18-aug	1895	17 1/2	1,30	70	49	28	18	10	7	4	2	1	24,5	21	3,5	1	1	8,8	3,5		20000	0	0,3	4000	11	0	0	7	4	2000		
20	19-aug	1630	17 1/2	1,30	100	72	41	29	16			2	1	36	31	5	1	1	8,8	3		20000	0	0,3	4000	11	0	0	7	4	2000		
21	20-aug	1489	17 1/2	1,30	100	65	38	24	14	8	5	2	1	32,5	27	5,5	1	1	8	4		20000	0	0,3	4000	11	0	0	7	4	2000		
22	21-aug	1250	17 1/2	1,30	80	48	27	15	8	5	3	1	1	24	21	3	1	1	8,3	3,5		20000	0	0,3	4000	11	0	0	7	4	2000		
23	22-aug	1250	17 1/2	1,30	74	47	27	17	10	7	4	2	1	23,5	20	3,5	1	1	8,1	3,5		20000	0	0,3	4000	11	0	0	10	4	1920		
24	23-aug	752	17 1/2	1,30	70	47	27	15	10	7	4	2	1	23,5	20	3,5	1	1	8	3,5		20000	0	0,25	4000	11	0	0	10	5	2000		
25	24-aug	660	17 1/2	1,30	75	48	27	15	9	7	4	2	1	24	21	3	1	1	8	3,5		20000	0	0,3	4000	11	0	0	10	6	2000		
26	25-aug	720	17 1/2	1,20	70	50	29	14	8	6	4	2	1	25	21	4	1	1	8,5	3		20000	0,1	0,3	4000	9	0	0	7	6	2600		
27	26-aug	747	17 1/2	1,20	65	46	26	15	9	7	5	2	1	23	20	3	1	1	9,5	3		20000	0,1	0,3	4000	8	0	0	7	6	2500	176	72
28	27-aug	1082	17 1/2	1,20	72	44	26	17	11	7	4	2	1	22	18	4	1	1	9,5	3		20000	0,1	0,3	2000	9	0	0,25	15	4	2000		
29	28-aug	1265	17 1/2	1,20	68	44	26	18	10	7	4	2	1	22	18	4	1	1	8,7	3,1		20000	0,02	0,3	2800	8	0	0,25	20	5	1800	145	125
30	29-aug	1457	17 1/2	1,20	68	43	25	19	11	7	5	2	1	21,5	18	3,5	1	1	8,3	2,8		20000	0	0,4	2800	8	0	0,5	35	4,5	1800	177	72
31	30-aug	1550	17 1/2	1,20	69	40	23	17	10	7	4	2	1	20	17	3	1	1	8	3		20000	0	0,25	3000	8	0	TR	35	4	2000	177	72
32	31-aug	1686	17 1/2	1,23	59	38	22	15	10	6	4	1	1	19	16	3	1	1	8,6	2,8		20000	0	0,35	3000	9	0	TR	43	4,5	1800	214	75
33	1-sep	1791	17 1/2	1,27	65	43	26	17	9	6	4	1	1	21,5	17	4,5	1	1	8,9	2,8		20000	0	0,45	2600	10	0	TR	53	4,5	1600	277	83
34	2-sep	1855,5	17 1/2	1,27	64	44	25	17	10	6	3	1	1	22	19	3	1	1	8,2	2,8		20000	0	0,25	3000	10	0	0	57	4	1800	277	83
35	3-sep	1855,5	17 1/2	1,27	66	46	27	19	11	8	5	2	2	23	19	4	1	2,5	8,6	2,9		20000	0	0,5	2800	10	0	0	60	3,5	1800	277	83
36	4-sep	1855,5	17 1/2	1,31	71	53	30	22	12	8	5	2	1	26,5	23	3,5	1	2,5	8,2	3,3		20000	0	0,25	2800	12	0	0	65	3	1800	298	102
37	5-sep	1855,5	17 1/2	1,31	70	49	28	20	11	7	4	2	1	24,5	21	3,5	1	2,5	8,2	3,3		20000	0	0,3	2800	12	0	0	65	3	1800	298	102
38	6-sep	1855,5	17 1/2	1,31	78	55	32	23	14	9	5	2	1	27,5	23	4,5	1,5	3	8	3,1		20000	0	0,25	2700	12	0	0	65	3	1700	298	102
39	7-sep	1855,5	17 1/2	1,31	71	52	30	21	13	8	5	2	1	26	22	4	1,5	3	7,9	3,1		20000	0	0,2	2700	12	0	0	65	3	1700	298	102
40	8-sep	1855,5	17 1/2	1,31	70	50	29	20	11	7	4	2	1	25	21	4	1,5	3	7,9	3,2		20000	0	0,2	2700	12	0	0	65	2,5	1700	298	102
41	9-sep	1789	12 1/4	1,31	67	48	28	19	10	7	4	2	1	24	20	4	1,5	3	8,2	3,2		20000	0	0,3	2800	12	0	0	65	2,5	1800	298	102
42	10-sep	1590	12 1/4	1,35	70	51	30	22	13	9	5	2	1	25,5	21	4,5	1,5	6	11,8	3,4		20000	0,2	0,5	100	12	0	0	82		100		
43	11-sep	1800	12 1/4	1,35	89	53	31	22	14	9	6	2	1	26,5	22	4,5	2	4	12	4,3		20000	0,7	1	1600	13	0	0	55		1600	361	89
44	12-sep	1827	12 1/4	1,35	91	44	25	16	9	7	4	2	1	22	19	3	1	2	12	5,5		20000	0,4	0,7	1700	13	0	0,5	35	2,5		361	89
45	13-sep	1952	12 1/4	1,35	79	54	31	21	12	8	5	2	1	27	23	4	1	2	9,1	2,8		21000	0,05	0,3		12	0	TR	11	2,5		402	36
46	14-sep	2145	12 1/4	1,35	78	68	40	29	16	11	6	2	1	34	28	6	1	2	9,3	2,7		20000	0,05	0,3	3100	12	0	TR	14	2,3	1960	402	36
47	15-sep	2315	12 1/4	1,40	70	58	34	23	13	10	6	1	0	29	24	5	0	1	8,6	2,5		21000	0,05	0,3	3100	14	0	TR	18	2,8	1960	450	59
48	16-sep	2347	12 1/4	1,40	75	60	36	25	15	11	7	3	2	30	24	6	1	2	8,3	3,2		18000	0	0,25	4200	14	0	TR	26	2,8	2800	450	59
49	17-sep	2459	12 1/4	1,40	80	75	44	33	20	13	8	3	2	37,5	31	6,5	1	2	8,1	2,5		20000	0	0,2	4320	14	0	TR	28	2,6	2800	450	59

ICHOR DRILLING FLUIDS — DRILLING MUDPROPERTIES RECORD — ANCHOR DRILLING FLUIDS

ELL NO: 35/10-1 — AREA: NORTH SEA NORWAY

AY no.	DATE 1991/ 1992	DEPTH mtrs	HOLE SIZE inch	M.W. S.G.	F.VIS s/qt.	VG-METER READINGS 600 rpm	300 rpm	200 rpm	100 rpm	60 rpm	30 rpm	6 rpm	3 rpm	A.V. cps	P.V. cps	Y.P. Pa	GEL 10sec Pa	GEL 10min Pa	pH	API ml	HTHP ml	Cl- mg/l	Pf ml	Mf ml	TOT.H. mg/l	SOLIDS vol%	OIL vol%	SAND vol%	MBT kg/m3	EX. GYP kg/m3	Ca++ mg/l	HGS kg/m3	LGS kg/m3
50	18-sep	2586	12 1/4	1,40	80	68	41	31	19	14	8	3	2	34	27	7	1	2,5	8,1	2,9		20000	0	0,2	4400	15	0	TR	32	3,5	2800	408	112
51	19-sep	2721	12 1/4	1,40	80	75	46	35	22	15	10	3	2	37,5	29	8,5	1,5	4	8	3,2		20000	0	0,3	4120	15	O	O,3	36	3,5	2600	418	115
52	20-sep	2769	12 1/4	1,40	82	70	43	31	20	14	9	3	2	35	27	8	1	4	8,2	2,9		17000	0	0,3	4560	15	0	0,1	36	4	3000	411	117
53	21-sep	2798	12 1/4	1,40	71	70	42	32	20	13	9	3	2	35	28	7	1,5	5,5	7,8	3,1		18000	0	0,3	4440	15	0	0,2	39	5,3	3320	410	115
54	22-sep	2891	12 1/4	1,40	67	65	40	31	19	13	9	3	2	32,5	25	7,5	1	5	8	3		21000	0	0,4	4400	15	0	0,1	43	5,2		408	111
55	23-sep	2969	12 1/4	1,40	70	65	40	31	20	14	9	3	2	32,5	25	7,5	1	8	7,9	3,4		19000	0	0,5	4200	16	0	0,1	43	5,9	2800	367	165
56	24-sep	3016	12 1/4	1,40	63	55	34	25	16	11	7	3	2	27,5	21	6,5	1	8	8	3,4		18000	0	0,45	4200	16	0	0,1	39	8	2800	368	166
57	25-sep	3040	12 1/4	1,40	62	53	32	24	15	12	8	3	2	26,5	21	5,5	1	9	7,8	3,5		20000	0	0,5	4200	16	0	0,1	39	8	2800	368	166
58	26-sep	3040	12 1/4	1,40	61	53	32	24	15	12	8	3	2	26,5	21	5,5	1	9	7,8	3,5		20000	0	0,5	4200	16	0	0,1	39	8	2800	368	166
59	27-sep	3040	12 1/4	1,40	54	47	28	19	12	9	5	2	1	23,5	19	4,5	1	5	7,8	3,4		20000	0	0,5	4200	16	0	0	43	8	2900	368	166
60	28-sep	3040	12 1/4	1,40	55	47	28	19	12	9	5	2	1	23,5	19	4,5	1	6	7,7	3,3		20000	0	0,5	4200	16	0	0	43	8	2900	368	166
61	29-sep	3040	12 1/4	1,40	55	47	28	19	12	9	5	2	1	23,5	19	4,5	1	6	7,7	3,3		20000	0	0,5	4200	16	0	0	43	8	2900	368	166
62	30-sep	3078	8 1/2	1,55	67	66	41	34	24	19	15	7	5	33	25	8	11	15	8,6	5,2	20	4000	0	0,5	200	19	0	0	65		140	644	91
63	1-okt	3165	8 1/2	1,55	47	53	32	23	15	11	8	4	3	26,5	21	5,5	2,5	15	8,4	5,2	20	2000	0	0,5	200	20	0	0	61		160	603	145
64	2-okt	3227	8 1/2	1,55	46	45	26	19	11	9	6	2	1	22,5	19	3,5	2	13	8,2	5	21	2000	0	0,5	200	19	0	0	64		160	645	93
65	3-okt	3279	8 1/2	1,55	45	41	24	17	10	8	5	2	2	20,5	17	3,5	1	8	8,3	5	18	2200	0	0,9	400	19	0	0	68			644	92
66	4-okt	3279	8 1/2	1,60	45	47	27	19	11	8	5	1	1	23,5	20	3,5	1	4	8,3	4,9	18	2000	0	0,7	210	20	0	0	60			734	63
67	5-okt	3316	8 1/2	1,60	44	38	23	15	9	6	4	2	1	19	15	4	1	4	8,2	5	20	2000			340	20	0	TR	57		230	734	63
68	6-okt	3326	8 1/2	1,70	45	39	30	28	24	22	20	17	16	19,5	9	10,5	11	25	7	10		20000	0	0,8	600	24	0	0	50			814	94
69	7-okt	3326	8 1/2	1,70	48	35	20	16	10	8	6	2	1	17,5	15	2,5	2	17	8,3	9,2		11000	0	0,9	440	24	0	0	30		280	814	94
70	8-okt	3326	8 1/2	1,70	52	49	30	24	15	12	9	5	4	24,5	19	5,5	6	40	7,7	10		8000	0	0,7	400	24	0	0	55		240	825	104
71	9-okt	3326	8 1/2	1,70	85	46	30	24	16	14	10	5	3	23	16	7	5	20	7,9	9,8		10500	0	0,1	560	24	0	0	50		360	825	104
72	10-okt	3326	8 1/2	1,74	48	58	33	25	15	12	8	5	3	28	23	5	3	25	8,5	8		4300	0,1	0,8	400	24	0	TR	60		240	932	42
73	11-okt	3326	8 1/2	1,74	62	72	42	30	18	14	9	4	3	36	30	6	3	20	8,5	7		4500	0	0,8	400	24	0	TR	60		240	932	42
74	12-okt	3326	8 1/2	1,74	43	57	34	24	15	13	8	4	3	28,5	23	5,5	2,5	20	8,1	7,3		4500	0	0,8	400	24	0	TR	55		200	932	42
75	13-okt	3326	8 1/2	1,74	50	61	36	27	16	13	9	4	3	30,5	25	5,5	3	25	8,5	7,4		4600	0	0,8	400	24	0	TR	55		240	932	42
76	14-okt	3326	8 1/2	1,74	49	67	40	32	20	17	11	5	4	33,5	27	6,5	4	30	9,2	7,5		2700	0,1	0,7	360	24	0	TR	55		120	932	42
77	15-okt	3326	8 1/2	1,74	48	66	39	28	18	15	9	4	3	33	27	6	3	29	9,5	7		2000	0,1	0,8	240	24	0	TR	50		160	932	42
78	16-okt	3326	8 1/2	1,74	50	58	34	26	16	13	9	4	3	29	24	5	3	30	9,5	7,1		3200	0,15	0,9	360	24	0	TR	55		200	932	42
79	17-okt	3326	8 1/2	1,74	56	63	36	27	16	12	7	2	1	31,5	27	4,5	2	24	9,8	7,3		3300	0,4	0,6	300	24	0	TR	50		160	932	42
80	18-okt	3326	8 1/2	1,74	50	50	29	23	13	11	8	3	2	25	21	4	2,5	30	9,6	7,6		5000	0,3	1,2	300	24	0	TR	50		180	928	47
81	19-okt	3326	8 1/2	1,74	51	49	29	22	12	10	7	4	2	24,5	20	4,5	3	28	9,5	7,1		4100	0,15	0,9	300	24	0	TR	50		200	928	47
82	20-okt	3326	8 1/2	1,74	51	49	29	22	12	10	7	4	2	24,5	20	4,5	3	28	9,5	7,1		4100	0,15	0,9	300	24	0	TR	50		200	928	47
83	21-okt	3326	8 1/2	1,74	50	50	29	23	13	11	8	4	3	25	21	4	3	30	9,1	7		3600	0,1	0,8	300	24	0	TR	50		180	928	47
84	22-okt	3326	8 1/2	1,74	50	50	29	23	13	11	8	4	3	25	21	4	3	30	9,1	7		3600	0,1	0,8	300	24	0	TR	50		180	928	47
85	23-okt	3326	8 1/2	1,74	55	72	41	29	16	12	8	3	2	36	31	5	2	22	9,1	6,3		3000	0,1	0,8	300	24	0	TR	50		180	928	47
86	24-okt	3326	8 1/2	1,74	53	66	37	26	15	12	8	4	2	33	29	4	2	15	9,2	6,3		3100	0,2	1,5	300	24	0	TR	50		200	928	47
87	25-okt	3326	8 1/2	1,74	54	64	36	25	14	11	7	3	2	32	28	4	1,5	14	9,3	6,2		3100	0,25	1,7	300	24	0	TR	50		180	928	47
88	26-okt	3326	8 1/2	1,74	53	61	34	23	13	9	6	2	1	30,5	27	3,5	1	7	9,3	6,2		3100	0,25	1,7	300	24	0	TR	50		160	928	47
89	27-okt	3326	8 1/2	1,74	56	60	34	25	15	11	7	2	1	30	26	4	2	18	9,3	6,5		3200	0,4	2,2	280	24	0	TR	50		180	928	47
90	28-okt	3326	6	1,74	55	60	34	25	15	11	7	2	1	30	26	4	2	18	9,3	6,4		3200	0,4	2,2	300	24	0	0	50		180	928	47
91	29-okt	3326	6	1,74	62	72	41	30	18	15	9	4	3	36	31	5	3	25	12	7,6		3000	1,8	3,2	120	24	0	0	50		120	928	47
92	30-okt	3326	6	1,74	68	81	48	35	22	18	13	9	8	40,5	33	7,5	4,5	38	11,8	6,3		3100	1,4	3	300	24	0	0	50		240	928	47
93	31-okt	3326	6	1,74	146	78	43	31	18	14	10	5	4	39	35	4	3	52	11,8	8		2900	1,1	2,3	400	24	0	0	50		280	928	47
94	1-nov	3326	6	1,74	88	75	43	32	19	13	9	5	4	37,5	32	5,5	3	56	11,2	8		2900	1	2,3	500	24	0	0	50		280	928	47
95	2-nov	3326	6	1,74	85	61	34	24	14	10	7	4	3	30,5	27	3,5	2	37	11,3	7,3		3000	0,9	2,2	500	24	0	0	50		280	928	47
96	3-nov	3326	6	1,74	85	58	31	24	14	10	7	3	2	29	27	2	2	12	10,3	5,8		3000	0,5	2	800	24	0	0	50		400	928	47
97	4-nov	3326	6	1,74	86	58	32	24	13	10	7	3	2	29	26	3	2	12	10,3	5,8		3000	0,5	2	800	24	0	0	50		400	928	47
98	5-nov	3326	6	1,74	68	65	37	27	15	11	7	4	3	32,5	28	4,5	3	11	10,2	4,4		3000	0,5	2,2	500			0	50		320	928	47

ANCHOR DRILLING FLUIDS

DRILLING MUDPROPERTIES RECORD

ANCHOR DRILLING FLUIDS

ELL NO: 35/10-1

AREA: NORTH SEA NORWAY

DAY no.	DATE 1991/ 1992	DEPTH mtrs	HOLE SIZE inch	M.W. S.G.	F.VIS s/qt.	VG-METER READINGS 600 rpm	300 rpm	200 rpm	100 rpm	60 rpm	30 rpm	6 rpm	3 rpm	A.V. cps	P.V. cps	Y.P. Pa	GEL 10sec Pa	GEL 10min Pa	pH	API ml	HTHP ml	Cl- mg/l	PI ml	MI ml	TOT.H. mg/l	SOLIDS vol%	OIL vol%	SAND vol%	MBT kg/m3	EX. GYP kg/m3	Ca++ mg/l	HGS kg/m3	LGS kg/m3
99	6-nov	3326	6	1,74	64	62	35	25	14	11	7	4	3	31	27	4	3	12	10,1	4,2	18	3000	0,5	2,2	500	24	0	0	50		320	928	47
100	7-nov	3326	6	1,74	64	62	35	25	15	11	7	4	3	31	27	4	2	12	10	4,1	18	3000	0,5	2,2	400	24	0	0	50		260	928	47
101	8-nov	3326	6	1,74	70	66	37	27	16	12	8	4	3	33	29	4	3	44	12,4	4,6		3000	1,8	3,9	200	24	0	TR	50		200	928	47
102	9-nov	3326	6	1,74	80	68	38	28	17	12	8	4	3	34	30	4	3	26	11,6	5		4500	2	6	140	24	0	TR	50		140		
103	10-nov	3329	6	1,80	92	136	79	58	35	25	16	6	5	68	57	11	3	18	8,8	4	15	2000	0,6	2,5	160	28	0	TR	50		120		
104	11-nov	3329	6	1,84	75	99	56	41	25	17	12	5	4	49,5	43	6,5	3	15	10,2	3,8	16	2000	0,9	3	160	28	0	TR	50		160	1028	90
105	12-nov	3342	6	1,84	66	76	42	31	18	13	8	4	3	38	34	4	3	7	10,2	3,6	15	2100	0,8	2,6	200	28	0	TR	50		200	1028	90
106	13-nov	3360	6	1,84	79	94	52	38	21	15	9	4	3	47	42	5	3	10	9,9	3,4	15	2000	0,6	2,8	240	28	0	TR	50		240	1028	90
107	14-nov	3386	6	1,85	79	84	47	34	20	14	10	4	3	42	37	5	2,5	9	9,7	3,4	15	2000	0,7	2,9	200	28	0	TR	50		200	1054	73
108	15-nov	3398	6	1,86	78	88	49	35	21	15	10	4	3	44	39	5	2	7,5	9,7	3,3	15	2000	0,7	2,8	200	28,5	0	0,25	50		200	1060	83
109	16-nov	3401	6	1,86	73	79	44	32	18	14	9	4	3	39,5	35	4,5	2,5	8,5	9,8	3,4	15	2000	0,7	2,9	240	28,5	0	TR	50		240	1060	83
110	17-nov	3416,5	6	1,86	86	87	48	35	21	15	10	4	3	43,5	39	4,5	2,5	7,5	9,6	3,3	16	2000	0,6	2,6	200	28,5	0	0,25	50		200	1060	83
111	18-nov	3418,5	6	1,86	83	89	49	36	20	14	9	4	3	44,5	40	4,5	2	7,5	9,6	3,4	16	2000	0,6	2,6	240	28,5	0	0,5	50		240	1060	83
112	19-nov	3431,4	6	1,86	83	89	49	36	20	15	9	4	3	44,5	40	4,5	2	6,5	9,6	3,2	15,5	2000	0,4	2,5	240	28,5	0	0,5	50		240	1060	83
113	20-nov	3438	6	1,86	85	84	46	33	19	14	9	4	3	42	36	4	2	7,5	9,6	3,2	15,5	2000	0,5	2,5	200	28,5	0	0,5	50		200	1060	83
114	21-nov	3451	6	1,86	84	80	44	31	18	13	8	4	3	40	36	4	2	6	9,1	3,2	15,5	2000	0,5	2,6	200	28,5	0	0,5	50		200	1060	83
115	22-nov	3488	6	1,86	85	78	43	32	19	13	9	4	3	39	35	4	2,5	7,5	9,2	3,1	15,5	2000	0,5	2,6	240	28,5	0	0,5	50		200	1060	83
116	23-nov	3511	6	1,86	84	81	45	34	20	15	10	4	3	40,5	36	4,5	2,5	9,5	9,3	3,1	15	2000	0,4	2,6	240	28,5	0	0,5	55		200	1060	83
117	24-nov	3517	6	1,86	87	70	40	32	20	15	10	4	3	35	30	5	2,5	10	9,2	3,1	15	2000	0,5	2,8	200	28,5	0	0,5	50		160	1060	83
118	25-nov	3575	6	1,86	82	71	40	30	19	15	10	5	4	35,5	31	4,5	3	10	9,6	3	15	2000	0,5	2,9	200	28,5	0	0,5	43		160	1060	83
119	26-nov	3601	6	1,86	72	67	39	29	18	15	10	5	4	33,5	28	5,5	2,5	11	9,9	3,2	15	2000	0,6	3	160	28,5	0	0,5	41		160	1060	83
120	27-nov	3630	6	1,86	75	65	38	30	19	15	10	4	3	32,5	27	5,5	2,5	10,5	9,8	2,9	15	2100	0,5	2,9	200	28,5	0	0,5	45		160	1060	83
121	28-nov	3657,5	6	1,86	87	59	36	29	19	14	10	5	4	29,5	23	6,5	2	9,5	9,8	2,8	15	2100	0,3	2,7	200	28,5	0	0,5	43		160	1060	83
122	29-nov	3657,5	6	1,86	78	52	30	21	12	10	7	3	2	26	22	4	2	8	10	2,8	14,6	2200	0,3	2,8	240	28	0	0,5	50		180	1060	57
123	30-nov	3813	6	1,84	56	54	31	23	14	13	8	4	3	27	23	4	2	8,5	9,8	2,5	13,2	2100	0,3	2,7	240	27	0	0,5	46		180	1070	37
124	1-des	3920	6	1,84	51	64	36	27	16	13	9	4	3	32	28	4	1,5	8,5	9,9	2,4	13,6	2100	0,3	2,8	200	27,5	0	0,5	43		160	1050	63
125	2-des	3932	6	1,84	84	75	44	32	19	15	10	4	3	37,5	31	6,5	2	6,5	9,2	2,3	14	2100	0,15	2	240	27,5	0	0,5	43		180	1050	63
126	3-des	3973	6	1,84	77	67	38	27	17	12	8	3	2	33,5	29	4,5	2	5,5	8,8	2	12	2200	0,15	3	220	27,5	0	0,5	39		180	1050	63
127	4-des	3987	6	1,83	55	60	34	25	15	11	7	3	2	30	26	4	1,5	5	8,8	2	11	2100	0,15	3	240	27	0	0,5	43		180	1044	54
128	5-des	3987	6	1,83	60	64	36	27	15	12	8	3	2	32	28	4	2	5,5	8,9	2	12,6	2200	0,15	3	240	27,5	0	0,5	39		200	1050	63
129	6-des	3987	6	1,83	62	58	33	23	14	16	7	3	2	29	25	4	1,5	4	9,1	1,8	11,8	2100	0,2	3	220	27	0	0,3	47		160	1044	54
130	7-des	3987	6	1,83	55	61	34	24	14	11	7	3	2	30,5	27	3,5	1,5	4	9,1	2	12,8	1500	0,2	3,1	240	27	0	1	50		160	1044	54
131	8-des	3987	6	1,83	57	59	33	24	15	12	8	3	2	29,5	26	3,5	2	11	10,4	2,9	14	1800	1	3,8	320	27	0	1	50		320	1044	54
132	9-des	3987	6	1,83	53	50	28	21	12	10	6	3	2	25	22	3	2	7	10	2,7	14	1800	0,7	3,5	200	27	0	1	50		200	1044	54
133	10-des	3987	6	1,83	54	46	26	18	11	8	6	3	2	23	20	3	1,5	5	9,5	2,6	14	1800	0,5	3	200	27	0	1	47		160	1044	54
134	11-des	3987	6	1,83	53	48	28	22	13	10	7	3	2	24	20	4	2	15	11,3	2,8	15	2000	1,6	3,4	320	27	0	1	43		320	1044	54
135	12-des	3987	6	1,83	51	46	26	19	11	8	5	2	2	23	20	3	1,5	7	11,1	2,4	14	2000	1,1	3,7	200	27	0	1	43		200	1044	54
136	13-des	3987	6	1,83	48	49	27	19	11	8	5	3	2	24,5	22	2,5	1,5	7	10,8	2,6	14	1800	1	3,9	200	27	0	0,75	43		200	1044	54
137	14-des	3987	6	1,83	51	50	28	20	12	9	6	3	2	25	22	3	1,5	7,5	10,7	2,7	14	1600	1,2	3,9	120	27	0	0,75	43		120	1044	54
138	15-des	3987	6	1,83	51	51	29	21	12	10	7	3	2	25,5	22	3,5	2	8	10,5	2,7	14	1800	1,1	3,4	100	27	0	0,5	40		100	1044	54
139	16-des	3987	6	1,83	51	50	28	21	13	10	7	3	2	25	22	3	2	7	10,5	2,7	14	1800	1	3,8	120	27	0	0,5	40		120	1044	54
140	17-des	3987	6	1,83	51	50	28	21	13	10	7	3	2	25	22	3	2	7	10,5	2,7	14	1800	1	3,8	120	27	0	0,5	40		120	1044	54
141	18-des	3987	6	1,83	54	50	28	21	13	10	7	3	2	25	22	3	2	6,5	10	2,5	13	1800	0,9	3,9	120	27	0	0,5	40		120	1044	54
142	19-des	3987	6	1,83	54	50	28	21	13	10	7	3	2	25	22	3	2	6,5	10	2,5	13	1800	0,9	3,9	120	27	0	0,5	40		120	1044	54
143	20-des	3987	6	1,83	54	50	28	21	13	10	7	3	2	25	22	3	2	6,5	10	2,5	13	1800	0,9	3,9	120	27	0	0,5	40		120	1044	54
144	21-des	3987	6	1,83	54	52	29	21	11	9	6	3	2	26	23	3	1,5	6	9,9	2,7	13	1600	0,8	3,6	120	27	0	0,5	40		120	1044	54
145	22-des	3987	6	1,83	51	53	29	21	12	9	6	3	2	26,5	24	2,5	1,5	5,5	9,3	3,2	14	1400	0,3	1,8	120	27	0	0,5	40		120	1044	54
146	23-des	3987	6	1,83	54	53	29	21	12	9	6	3	2	26,5	24	2,5	1,5	4,5	9,2	2,8	14	1400	0,2	1,5	120	27	0	0,5	40		120	1044	54
147	24-des	3987	6	1,83	56	59	33	24	13	10	7	3	2	29,5	26	3,5	2	7	9,5	2,9	14	1400	0,3	1,6	200	27	0	0,5	40		160	1044	54
148	25-des	3987	6	1,83	55	65	36	23	13	10	7	3	2	32,5	29	3,5	1,5	4	9,4	2,7	14	1500	0,2	1,7	120	27	0	0,25	43		120	1044	54
149	26-des	3987	6	1,83	56	62	35	24	14	10	7	3	2	31	27	4	1,5	4	9,3	2,7	14	1800	0,2	1,6	120	27	0	0,5	43		120	1044	54

ANCHOR DRILLING FLUIDS

DRILLING MUDPROPERTIES RECORD

ANCHOR DRILLING FLUIDS

WELL NO: 35/10-1

AREA: NORTH SEA NORWAY

DAY no.	DATE	DEPTH	HOLE	M.W.	F.VIS	VG-METER READINGS								A.V.	P.V.	Y.P.	GEL	GEL	pH	API	HTHP	Cl-	Pf	Mf	TOT.H.	SOLIDS	OIL	SAND	MBT	EX.	Ca++	HGS	LGS
	1991/		SIZE			600	300	200	100	60	30	6	3				10sec	10min												GYP			
	1992	mtrs	inch	S.G.	s/qt.	rpm	rpm	rpm	rpm	rpm	rpm	rpm	rpm	cps	cps	Pa	Pa	Pa		ml	ml	mg/l	ml	ml	mg/l	vol%	vol%	vol%	kg/m3	kg/m3	mg/l	kg/m3	kg/m3
150	27-des	3987	6	1,83	60	58	33	22	13	10	7	3	2	29	25	4	2,5	5	9,5	2,9		1800	0,2	1,5	120	27	0	0,5	50		120	1044	54
151	28-des	3987	6	1,83	60	57	33	22	14	10	6	3	2	28,5	24	4,5	2,5	5	9,5	2,9		1800	0,2	1,5	120	27	0	0,5	50		120	1044	54
152	29-des	3987	6	1,83	65	64	36	25	15	11	7	3	2	32	28	4	2	4	9,1	2,7		1800	0,15	1	200	27	0	0,5	50		180	1044	54
153	30-des	3987	6	1,83	64	69	39	29	19	15	9	3	2	34,5	30	4,5	2	4,5	8,9	2,6	14	2000	0,15	1	200	27	0	0,5	50		180	1044	54
154	31-des	3987	6	1,83	64	67	38	25	18	11	7	3	2	33,5	29	4,5	2	4,5	8,8	2,7	14	2000	0,1	1	180	27	0	0,5	50		180	1044	54
155	1-jan	3987	6	1,83	65	68	38	24	15	10	7	3	2	34	30	4	2	4,5	8,8	2,7	14	2000	0,1	1	200	27	0	0,5	50		180	1044	54
156	2-jan	3987	6	1,83	65	67	38	25	16	11	7	3	2	33,5	29	4,5	2	4,5	8,8	2,7	14	2000	0,1	1	200	27	0	0	50		200	1044	54
157	3-jan	3987	6	1,83	70	72	40	28	16	12	8	4	2	36	32	4	2	4	8,8	2,7	15	2000	0,1	1	200	27	0	0	45		180	1044	54
158	4-jan	3987	6	1,83	70	69	39	26	17	11	7	3	2	34,5	30	4,5	2	4	8,7	2,7	15	2000	0,05	0,8	180	27	0	0	45		160	1044	54
159	5-jan		P & A	1,83	77	80	44	32	20	12	7	3	2	40	36	4	2	4	10,2														
160	6-jan		P & A	1,83	80	72	40	26	19	12	7	3	2	36	32	4	2	4	11,9														
161	7-jan		P & A	1,83	84	88	48	32	19	12	8	3	2	44	40	4	1,5	5	12,1	2,9		2000	1	2,9	340	27	0	0	43		300	1044	54
162	8-jan		P & A	1,80	68	44	26	19	12	9	5	3	2	22	18	4			12,1														
163	9-jan		P & A	1,40	69	48	30	22	15	12	7	3	2	24	18	6	1	6	12,1	4,3		8000	1	2,7	240	13	TR	0	43		240	457	71
164	10-jan		P & A	1,40	62	38	23	16	10	8	5	2	1	19	15	4	1	5	12	5,2		8000	0,6	1	400	13	TR	0	43		400	457	71
165	11-jan		P & A	1,35	58	34	20	14	8	6	4	1	1	17	14	3	1	7	12	5,3		8000	0,4	0,8	400	12	0	TR	43		400	410	47
166	12-jan		P & A	1,35	54	34	20	14	8	6	4	1	1	17	14	3	1	6	11,9	5,6		8000	0,4	0,8	400	12	0	TR	43		400	410	47
167	13-jan		P & A	1,35	50	36	22	16	10	7	4	2	1	18	14	4	1	7	11,9	6		8000	0,4	0,8	440	12	0	TR	43		400	410	47
168	14-jan		P & A	1,37	55	37	23	17	12	8	5	2	1	18,5	14	4,5	1	8	11,8	7,3		9000	0,4	0,7	440	13	0	TR	43		400		
169	15-jan		P & A	1,37	54	37	23	17	12	8	5	2	1	18,5	14	4,5	1	8	11,8	7,3		9000	0,4	0,7	440	13	0	TR	43		400		
170	16-jan		FINISHED WELL																														

U-692 3

REPORT STATOIL

EXPLORATION DIVISION

Title:	Reportno.:	
WELLSITE GEOCHEMICAL EVALUATION OF THE RESERVOIR, 35/10-1	Contractno/Projectno.:	
BA92-135-1 24 JAN. 92 REGISTRERT OLJEDIREKTORATET	Document-ID no.:	Budgetno.:

Security classification:	Distribution: PL 173
NONE	STATOIL MOBIL ELF HYDRO

Date issues:	Number of examples:
92.01.06	

No. of pages:	No. of enclosures:	No. of copies:	Text operator:
		7	Kjell Øygard, UND LS

Author(s) Source(s):

Kjell Øygard, UND LS

Ian Ferriday, Geolab Nor

Abstract (subject/key words):

Thermal extraction
Gas chromatography
Pyrolysis GC
Reservoir sandstone
35/10-1

Requested by:	Division giving approval:
UND-LS	UND

Main author:	Technical approval	Approval:
Kjell Øygard, UND LS	Anthony M. Spencer, UND LS	Vigdis W. Jacobsen, UND LS
92.01.06 KØ Staff Geochemist	A. M. Spencer 7/1/92 District Geologist	V. W. Jacobsen 8.1.92 expl. manager
Date Sign. Title	Date Sign. Title	Date Sign. Title

Table 3.1. The GHM results of samples from well 35/10-1

Sample depth mRKB	Sample type	Lithology	S1 (kg HC/ton rock)	S2	PP	PI S1/PP	Tmax °C
3331	CORE 1	SST	1.17	0.16	1.33	0.88	
3334	CORE 1	SST	2.34	0.54	2.89	0.81	
3337	CORE 1	SST	1.11	0.13	1.23	0.90	
3340.7	CORE 1	SST	1.06	0.17	1.23	0.86	
3344	CORE 2	SST/SLT	1.08	0.12	1.20	0.90	
3346	CORE 2	SLT/SST	4.66	5.30	9.96	0.47	453
3349	CORE 2	SST	2.18	0.68	2.86	0.76	453
3351	CORE 2	SLT/SST	2.26	1.51	3.77	0.60	453
3354	CORE 2	SST/SLT	1.58	0.18	1.77	0.90	
3357	CORE 2	SST/SLT	1.96	0.41	2.37	0.83	440
3360.5	CORE 2	SH/SST	2.57	3.35	5.92	0.43	448
3360.5	CORE 3	SH/SST	2.10	2.95	5.05	0.42	
3366.5	CORE 3	Coal	60.74	139.71	200.45	0.30	
3369.5	CORE 3	SST/SLT	1.57	0.34	1.92	0.82	
3373.5	CORE 3	SST/SLT	2.33	0.41	2.74	0.85	
3376.5	CORE 3	SST/SLT	1.43	0.26	1.69	0.84	
3380.5	CORE 3	SST/SLT	1.93	0.34	2.27	0.85	
3383.5	CORE 3	SST/SLT	1.44	0.35	1.79	0.81	
3388	CORE 3	SLT	0.37	0.77	1.14	0.33	
3390	CORE 4	COAL	58.79	156.20	214.99	0.27	
3393	CORE 4	SST/SH	1.10	2.02	3.12	0.35	450
3396.5	CORE 4	SST	1.94	0.64	2.58	0.75	449
3400.5	CORE 5	SST/SLT	0.84	0.25	1.09	0.77	
3403	CORE 6	SLT/SST	1.03	0.16	1.19	0.86	
3406	CORE 6	SLT/SST	1.16	0.32	1.48	0.78	452
3409	CORE 6	SLT	1.23	0.63	1.86	0.66	
3412	CORE 6	SLT/SST	1.78	0.38	2.16	0.82	
3415	CORE 6	SST	2.43	0.39	2.82	0.86	
3416.7	CORE 7	SST/SLT	0.80	0.19	0.99	0.81	
3419.5	CORE 8	CLY.ST	0.77	1.78	2.55	0.30	443
3420	CORE 9	SST	1.21	0.20	1.41	0.86	

Sample depth mRKB	Sample type	Lithology	S1 (kg HC/ton	S2 rock)	PP	PI S1/PP	Tmax °C
3428	CORE 10	SST	1.21	0.19	1.40	0.87	438
3431	CORE 11	SST	0.77	0.13	0.90	0.86	
3438	CORE 11	SST	1.44	0.32	1.76	0.82	451
3449	CORE 12	SST	1.98	0.17	2.15	0.92	
3458	CORE 13	SST	0.66	0.02	0.68	0.97	
3470	CORE 14	SST	0.76	0.03	0.79	0.97	
3486	CORE 14	SST	1.39	0.11	1.50	0.93	
3493	CORE 15	SST	0.32	0.06	0.38	0.85	
3575	CORE 17	SLT	0.68	0.59	1.27	0.54	450
3597	CORE 17	SST	0.71	0.26	0.97	0.73	465
3601	CORE 17	SST	2.17	0.02	2.19	0.99	
3605	CORE 18	SST	1.35	0.23	1.59	0.85	468
3617	CORE 18	SST	2.28	0.07	2.35	0.97	452
3627	CORE 18	SST	1.12	0.14	1.26	0.89	
3636	CORE 19	SST	0.99	0.08	1.07	0.92	
3648	CORE 19	SST	1.56	0.00	1.56	1.00	
3654	CORE 19	SST	1.07	0.00	1.07	1.00	
3828	CUT	SST/LST	0.28	0.33	0.62	0.46	452

Table 3.2. The ratio of n-C17, n-C18, pristane and phytane. The intensity of the peaks are measured by a ruler.

Sample depth mRKB	Sample type	Lithology	A= Pr / C17	B= Ph / C18	A / B	Pr / Ph
3331	CORE 1	SST	0.59	0.33	1.81	2.25
3334	CORE 1	SST	0.58	0.31	1.83	2.09
3337	CORE 1	SST	0.59	0.33	1.78	2.24
3340.7	CORE 1	SST	0.59	0.34	1.73	2.22
3344	CORE 2	SST/SLT	0.60	0.34	1.77	2.24
3346	CORE 2	SLT/SST	1.06	0.32	3.33	4.13
3349	CORE 2	SST	0.59	0.32	1.88	2.16
3351	CORE 2	SLT/SST	0.59	0.33	1.76	2.06
3354	CORE 2	SST/SLT	0.59	0.35	1.70	2.00
3357	CORE 2	SST/SLT	0.60	0.35	1.71	2.00
3360.5	CORE 2	SH/SST	0.60	0.31	1.92	2.40
3360.5	CORE 3	SH/SST	0.74	0.31	2.41	3.25
3366.5	CORE 3	Coal	4.33	0.92	4.73	7.09
3369.5	CORE 3	SST/SLT	0.60	0.35	1.72	2.05
3373.5	CORE 3	SST/SLT	0.63	0.35	1.83	2.24
3376.5	CORE 3	SST/SLT	0.67	0.38	1.75	2.21
3380.5	CORE 3	SST/SLT	0.67	0.38	1.78	2.11
3383.5	CORE 3	SST/SLT	0.69	0.39	1.79	2.14
3388	CORE 3	SLT	n.d.			
3390	CORE 4	COAL	2.55	0.44	5.82	8.00
3393	CORE 4	SST/SH	0.39	0.17	2.33	3.50
3396.5	CORE 4	SST	0.61	0.36	1.71	2.00
3400.5	CORE 5	SST/SLT	0.61	0.34	1.78	2.22
3403	CORE 6	SLT/SST	0.60	0.35	1.73	2.11
3406	CORE 6	SLT/SST	0.62	0.40	1.54	2.10
3409	CORE 6	SLT	0.61	0.37	1.65	2.00
3412	CORE 6	SLT/SST	0.60	0.35	1.69	2.06
3415	CORE 6	SST	0.58	0.33	1.77	2.18
3416.7	CORE 7	SST/SLT	0.58	0.35	1.67	1.93
3419.5	CORE 8	CLY.ST	n.d.			

Sample depth mRKB	Sample type	Lithology	A= Pr / C17	B= Ph / C18	A / B	Pr / Ph
3420	CORE 9	SST	0.59	0.33	1.81	2.17
3428	CORE 10	SST	0.55	0.33	1.69	2.06
3431	CORE 11	SST	0.56	0.34	1.66	1.90
3438	CORE 11	SST	0.56	0.31	1.80	2.19
3449	CORE 12	SST	0.52	0.21	2.50	2.50
3458	CORE 13	SST	0.53	0.27	1.97	2.06
3470	CORE 14	SST	0.54	0.29	1.84	2.67
3486	CORE 14	SST	0.58	0.43	1.35	2.47
3493	CORE 15	SST	0.66	0.36	1.84	2.12
3575	CORE 17	SLT	0.45	0.22	2.09	2.88
3597	CORE 17	SST	0.45	0.25	1.77	2.00
3601	CORE 17	SST	0.51	0.28	1.78	1.96
3605	CORE 18	SST	0.57	0.33	1.75	1.85
3617	CORE 18	SST	0.59	0.34	1.71	1.83
3627	CORE 18	SST	0.58	0.32	1.77	1.92
3636	CORE 19	SST	0.57	0.32	1.79	2.05
3648	CORE 19	SST	0.58	0.33	1.74	1.89
3654	CORE 19	SST	0.54	0.31	1.77	1.89
3828	CUT	SST/LST	n.d.			

STATOIL

Report no.	92.25
GEOLAB	
Copy no.	1
No. of copies	10

SECTOR FOR PETROLEUM TECHNOLOGY
Geological laboratories

Grading confidential

Title
GEOCHEMICAL REPORT FOR WELL NOCS 35/10-1.

Requested by	**Project**	
UND LS/NN		
Date	**No. of pages**	**No. of enclosures**
26.06.92		

Keywords

Organic chemistry, source rocks, migrated hydrocarbons, maturity.

Abstract

This study has been performed in accordance with the Statoil standard guide for organic geochemistry.

Prepared by

Geolab Nor a/s

Text operator

Approved by

26.06.92 Kjersti Knudsen
Kjersti Knudsen, sen.geochemist

29.6.92 Ger van Graas
Ger van Graas, section manager

29.6.92 Arne Eliel Tjemsland
for Trygve Meyer, dept. manager

Geochemical Report for

Well NOCS 35/10-1

Authors: Geir Hansen
Ian L. Ferriday
Malvin Bjorøy
Sunil Bharati

Geolab Nor A/S
Hornebergveien 5
7038 Trondheim
Norway

Date : 22.06.92

Chapter 1

INTRODUCTION

Both screening and follow-up analyses were performed. Samples for analyses were selected in agreement with Statoil on a continuous basis. The well was analysed from 1000 to 3984 m (range of samples supplied to Geolab Nor). The samples analysed were 60 cuttings samples, 35 conventional cores, 1 side-wall core, 1 oil sample and 1 gas sample. All analyses were conducted by Geolab Nor, except for the normalised

gas composition and isotope analysis of δD on CH_4, $\delta^{13}C$ and $\delta^{18}O$ on CO_2, which were performed by Institutt for Energiteknikk (IFE). The report is divided into chapters according to the various analytical methods used.

1.1 General Comments

The cuttings samples were supplied unwashed in bags. The samples were washed, described and the samples were picked before analyses commenced. The conventional cores were supplied as core-chips which were analysed after cleansing of any superficial contamination. The side-wall core was cleansed of drill mud before analyses.

1.2 Analytical Program

In accordance with the contract, samples availability and the screening analyses results, the following analytical program was executed for Well NOCS 35/10-1 in the section 1000 m to 3984 m:

Analysis type	No of sample	Figures	Tables
Lithology description	96	2	1
TOC	21	2	1,2
Rock-Eval pyrolysis	64	3,4,5	2
Thermal extraction GC (GHM, S_1)	18	6a-c	
Pyrolysis GC (GHM, S_2)	18	7a-d,8	3
Iatroscan analysis	14	9a-c	4a-b
Soxhlet extraction of organic matter	26		
MPLC separation	19		5a-d
Whole oil/EOM GC	7	10a-c	
Saturated hydrocarbon GC	20	11a-e	6
Aromatic hydrocarbon GC	20	12a-g	7
Vitrinite reflectance	28	13	8
Visual kerogen microscopy	7	14	8,9
Isotope composition of gas	1	15a-d	10a-b
Isotope composition C_{15}+ fractions	15	16,17	11a-b
GC - MS of EOM and saturated HC	24	18a-y	12a-d

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1000.00								0039
			80	Sh/Clst: lt gy to y gy				0039-1L
			15	S/Sst : lt w to m gy, f, crs, l				0039-2L
			5	Sh/Clst: drk gn to gn blk, glauc				0039-3L
			tr	Other : w, evap				0039-4L
1100.00								0040
			100	Sh/Clst: lt gy to y gy				0040-1L
			tr	S/Sst : lt gy w to m gy, f, crs, l				0040-2L
1200.00								0041
			95	Sh/Clst: lt gy to y gy				0041-1L
			5	S/Sst : lt gy w to m gy, f, crs, l				0041-2L
			tr	Sh/Clst: drk gn to gn pu, glauc				0041-3L
1300.00								0042
			85	S/Sst : lt gy w, f, l				0042-2L
			15	Sh/Clst: lt gy to drk y gy				0042-1L
			tr	Sh/Clst: drk gn to gn pu, glauc				0042-3L
			tr	S/Sst : m gy, crs, l				0042-4L
1400.00								0043
			90	Sh/Clst: lt gy to drk y gy				0043-1L
			10	S/Sst : lt gy w, f, l				0043-2L
			tr	S/Sst : m gy, crs, l				0043-3L
			tr	Marl : lt or				0043-4L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age / Lithology description	Trb	Sample
1500.00								0044
			90	Sh/Clst:		lt gy to m gy to lt brn gy		0044-1L
			10	Marl	:	lt or		0044-4L
			tr	S/Sst	:	lt gy w, f, l		0044-2L
			tr	S/Sst	:	lt gy to m gy, crs, l		0044-3L
			tr	Cont	:	prp		0044-5L
1700.00								0056
			85	Sh/Clst:		lt gy to m gy to gn gy		0056-1L
			15	Sh/Clst:		brn gy		0056-2L
			tr	Marl	:	lt or to or gy		0056-3L
1800.00								0045
			80	Sh/Clst:		m gy		0045-1L
			10	Sh/Clst:		m brn to pl brn, calc		0045-2L
			5	Sh/Clst:		gn gy, fis		0045-3L
			5	Ca	:	lt gy, mrl		0045-4L
			tr	Sh/Clst:		lt bl gy, fis		0045-5L
			tr	Cont	:	dd		0045-6L
1832.00								0073
		0.75	80	Sh/Clst:		m gy to drk gy, fis		0073-1L
			15	Sh/Clst:		m brn to drk brn		0073-2L
			5	Sltst	:	lt gy		0073-4L
			tr	Sh/Clst:		y gy		0073-3L
			tr	S/Sst	:	lt gy w, f, l		0073-5L
1850.00								0046
		0.43	90	Sh/Clst:		lt gy to lt bl gy, fis		0046-1L
			5	Sh/Clst:		drk gy pu		0046-2L
			5	Sh/Clst:		m brn to pl brn, calc		0046-3L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
1871.00						0047
		0.40	90	Sh/Clst: lt gy to lt bl gy, fis		0047-1L
			10	Sh/Clst: drk gy pu to lt brn gy		0047-2L
			tr	Ca : lt or gy		0047-3L
1892.00						0048
		0.23	95	Sh/Clst: lt gy to lt bl gy to m bl gy, fis		0048-1L
			5	Sh/Clst: drk gy pu to lt brn gy		0048-2L
			tr	Ca : lt or gy		0048-3L
			tr	Cont : dd		0048-4L
1895.00						0049
		0.24	100	Sh/Clst: lt gy to lt bl gy to m bl gy, fis		0049-1L
			tr	Sh/Clst: drk gy pu to lt brn gy		0049-2L
			tr	Ca : lt or gy		0049-3L
			tr	Cont : dd		0049-4L
1901.00						0050
			95	Sh/Clst: lt gy to lt bl gy, fis		0050-1L
			5	Sh/Clst: drk gy pu to lt brn gy		0050-2L
			tr	Ca : lt or gy		0050-3L
1904.00						0051
		0.52	90	Sh/Clst: lt gy to m gy to lt gn gy		0051-1L
			10	Ca : or w to lt or gy		0051-2L
1919.00						0052
		0.72	100	Sh/Clst: lt gy to m gy to lt gn gy		0052-1L
			tr	Ca : or w to lt or gy		0052-2L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
2006.00						0053
			75	Sh/Clst: lt gy to m gy, calc		0053-1L
			20	S/Sst : lt gy w to lt red gy, f, l		0053-2L
			5	Sh/Clst: drk gn to gn pu, glauc		0053-3L
			tr	Cont : dd		0053-4L
2012.00						0054
		0.58	80	Sh/Clst: lt gy to m gy to gn gy, fis		0054-1L
		0.87	15	Ca : or w to lt or gy		0054-4L
			5	S/Sst : lt gy w to lt red gy, f, l		0054-2L
			tr	Sh/Clst: drk gn to gn pu, glauc		0054-3L
			tr	Cont : dd		0054-5L
2015.00						0055
		0.70	60	Sh/Clst: lt gy to m gy to gn gy, fis		0055-1L
		1.18	40	Ca : or w to lt or gy		0055-3L
			tr	Sh/Clst: drk gn to gn pu, glauc		0055-2L
			tr	Cont : dd		0055-4L
2018.00						0057
		0.61	80	Sh/Clst: lt gy to m gy, calc		0057-1L
		1.34	15	Ca : or w to lt or gy		0057-2L
			5	Cont : dd		0057-3L
			tr	S/Sst : gy w, f, l		0057-4L
			tr	Sh/Clst: drk brn to pl brn		0057-5L
2039.00						0058
		0.57	90	Sh/Clst: lt gy to m gy, calc		0058-1L
			10	Cont : dd		0058-3L
			tr	Ca : or w to lt or gy		0058-2L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
2048.00								0059
			85	Sh/Clst:		lt gy to m gy, calc		0059-1L
			10	Cont	:	dd		0059-3L
			5	Ca	:	or w to lt or gy		0059-2L
			tr	Sh/Clst:		drk brn to pl brn		0059-4L
2110.00								0060
		0.75	50	Sh/Clst:		m gy		0060-1L
		1.95	50	Ca	:	or w to lt or gy		0060-2L
			tr	Cont	:	dd		0060-3L
			tr	Sh/Clst:		drk brn to pl brn		0060-4L
2150.00								0061
		0.54	100	Sh/Clst:		m gy to lt bl gy to m bl gy		0061-1L
			tr	Ca	:	or w to lt or gy		0061-2L
			tr	Cont	:	dd		0061-3L
			tr	Sh/Clst:		drk brn to pl brn		0061-4L
2160.00								0062
			95	Sh/Clst:		m gy to lt bl gy to m bl gy		0062-1L
			5	Cont	:	dd		0062-3L
			tr	Ca	:	or w to lt or gy		0062-2L
			tr	Sh/Clst:		drk brn to pl brn		0062-4L
2190.00								0063
		0.13	60	Sh/Clst:		m brn, calc		0063-4L
		0.51	40	Sh/Clst:		m gy to gn gy		0063-1L
			tr	Ca	:	or w to lt or gy		0063-2L
			tr	Cont	:	dd		0063-3L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
2250.00						0064
			80	Sh/Clst: m gy		0064-1L
			10	Cont : dd		0064-3L
			5	Ca : or w to lt or gy		0064-2L
			5	Sh/Clst: m brn, calc		0064-4L
2300.00						0065
		0.37	85	Sh/Clst: m gy, calc		0065-1L
			10	Ca : lt or gy to or gy, mrl		0065-2L
			5	Cont : dd		0065-3L
			tr	Sh/Clst: m brn, calc		0065-4L
2350.00						0066
			90	Sh/Clst: m gy, calc		0066-1L
			5	Ca : lt or gy to or gy, mrl		0066-2L
			5	Cont : dd		0066-3L
2400.00						0067
		0.51	95	Sh/Clst: m gy, calc		0067-1L
			5	Cont : dd		0067-3L
			tr	Ca : lt or gy to or gy, mrl		0067-2L
			tr	Sh/Clst: m brn to pl brn		0067-4L
2450.00						0068
			90	Sh/Clst: m gy, calc		0068-1L
			10	Cont : dd		0068-3L
			tr	Ca : lt or gy to or gy, mrl		0068-2L
			tr	Sh/Clst: m brn to pl brn		0068-4L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
2750.00							0075
		95	Sh/Clst:	m gy, calc			0075-1L
		5	Cont	: dd, Mica-ad			0075-2L
		tr	Ca	: or w to or gy, mrl			0075-3L
		tr	Sltst	: lt gy			0075-4L
2800.00							0076
	0.53	85	Sh/Clst:	m gy, calc			0076-1L
		15	Cont	: Mica-ad			0076-2L
		tr	Sltst	: lt gy			0076-3L
2850.00							0077
		100	Sh/Clst:	m gy, calc			0077-1L
		tr	Cont	: dd			0077-2L
2900.00							0078
	0.55	100	Sh/Clst:	m gy, calc			0078-1L
		tr	Cont	: dd			0078-2L
		tr	Sh/Clst:	m brn to drk brn, calc, fis			0078-3L
2950.00							0079
		100	Sh/Clst:	m gy, calc			0079-1L
		tr	Cont	: dd			0079-2L
		tr	Sltst	: lt gy			0079-3L
3066.00							0080
		80	Sh/Clst:	m gy, calc			0080-1L
		10	Cont	: prp, dd			0080-2L
		5	Sltst	: lt gy			0080-3L
		5	Ca	: or w to lt or gy			0080-4L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
3105.00						0081
		3.20	65	Sh/Clst: m gy to drk gy to brn gy to brn blk, fis		0081-1L
			25	Sh/Clst: m brn, fis		0081-2L
			5	Cont : prp, dd		0081-3L
			5	Sh/Clst: lt gy		0081-5L
			tr	Ca : or w		0081-4L
3120.00						0082
		6.38	95	Sh/Clst: drk gy to drk brn gy to brn blk		0082-1L
			5	Ca : or w		0082-4L
			tr	Sh/Clst: m brn, fis		0082-2L
			tr	Cont : prp, dd		0082-3L
			tr	Sh/Clst: lt gy		0082-5L
3132.00						0083
		3.87	60	Sh/Clst: drk brn gy to brn blk		0083-1L
			30	Sh/Clst: m gy to drk gy, fis		0083-2L
			5	Sh/Clst: m brn, fis		0083-3L
			5	Ca : or w to lt or gy		0083-4L
			tr	Sltst : lt gy, glauc		0083-5L
			tr	Cont : prp		0083-6L
3141.00						0084
		3.45	80	Sh/Clst: drk brn gy to brn blk		0084-1L
			15	Sh/Clst: lt gy to m gy, fis		0084-2L
			5	Sh/Clst: m brn, fis		0084-3L
			tr	Ca : or w to lt or gy		0084-4L
			tr	Sltst : lt gy, glauc		0084-5L
			tr	Cont : prp		0084-6L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
2500.00						0069
		0.45	95	Sh/Clst: m gy, calc		0069-1L
			5	Cont : dd		0069-3L
			tr	Ca : lt or gy to or gy, mrl		0069-2L
2550.00						0070
			95	Sh/Clst: m gy to drk gy		0070-1L
			5	Cont : dd, prp		0070-3L
			tr	Ca : or w to or gy, mrl		0070-2L
			tr	Sltst : lt gy		0070-4L
			tr	Sh/Clst: m brn		0070-5L
2630.00						0071
		0.45	85	Sh/Clst: m gy to drk gy		0071-1L
			10	Cont : dd, prp		0071-3L
			5	Sltst : lt gy		0071-4L
			tr	Ca : or w to or gy, mrl		0071-2L
2650.00						0072
			90	Sh/Clst: m gy to drk gy		0072-1L
			10	Cont : dd, prp		0072-3L
			tr	Ca : or w to or gy, mrl		0072-2L
			tr	Sltst : lt gy		0072-4L
2700.00						0074
		0.46	95	Sh/Clst: m gy, calc		0074-1L
			5	Cont : Mica-ad		0074-2L
			tr	Ca : or gy, mrl		0074-3L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3153.00							0085
		55	Sh/Clst: brn gy to drk brn gy				0085-1L
		25	Sh/Clst: lt gy to m gy, fis				0085-2L
		20	Sh/Clst: m brn, fis				0085-3L
		tr	Ca : or w to lt or gy				0085-4L
		tr	Cont : prp				0085-5L
3168.00							0086
	3.54	70	Sh/Clst: m gy to drk gy to drk brn gy				0086-1L
		25	Cont : prp, bar				0086-2L
		5	Sh/Clst: m brn to pl brn, fis				0086-3L
		tr	S/Sst : gy w, f, l				0086-4L
3186.00							0087
	0.91	70	Sh/Clst: lt or gy, mrl				0087-4L
	3.93	30	Sh/Clst: m gy to drk gy to drk brn gy				0087-1L
		tr	Cont : prp				0087-2L
		tr	Sh/Clst: m brn to pl brn, fis				0087-3L
		tr	Sltst : lt gy				0087-5L
3207.00							0088
	2.51	75	Sh/Clst: m gy to lt brn gy to brn gy				0088-1L
		15	Sh/Clst: lt or gy, mrl				0088-4L
		10	Cont : prp, bar				0088-2L
		tr	Sh/Clst: m brn to pl brn, fis				0088-3L
3231.00							0089
	4.04	100	Sh/Clst: lt brn gy to brn gy to drk brn gy				0089-1L
		tr	Sh/Clst: lt gy to m gy, fis				0089-2L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth	Type		Grp Frm Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description		
3252.00					0090
		95	Sh/Clst: lt brn gy to brn gy to drk brn gy		0090-1L
		5	Sh/Clst: lt gy to m gy, fis		0090-2L
		tr	S/Sst : lt gy w, f, l		0090-3L
		tr	Sh/Clst: m brn, fis		0090-4L
3255.00					0091
	3.73	75	Sh/Clst: lt brn gy to brn gy to drk brn gy		0091-1L
		20	Cont : bar, prp		0091-3L
		5	Sh/Clst: lt gy to lt bl gy, fis		0091-2L
3282.00					0092
	3.31	60	Sh/Clst: lt brn gy to brn gy to drk brn gy		0092-1L
		30	Sh/Clst: lt gy to lt bl gy to m gy, fis		0092-2L
		10	Cont : bar, prp		0092-3L
		tr	Sh/Clst: m brn, fis		0092-4L
3300.00					0093
	0.80	60	Sh/Clst: lt gy to lt bl gy to m gy, fis		0093-2L
	3.99	40	Sh/Clst: lt brn gy to brn gy to drk brn gy		0093-1L
		tr	Cont : bar, prp		0093-3L
		tr	Sh/Clst: m brn, fis		0093-4L
3318.00					0094
	4.11	65	Sh/Clst: brn gy to drk brn gy to brn blk		0094-1L
		20	Cont : prp		0094-3L
		15	Sh/Clst: lt gy to m gy, fis		0094-2L
		tr	Sh/Clst: m brn, fis		0094-4L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
3331.00		ccp				0001
			100	S/Sst : gy w to lt brn gy to pl y brn, crs, hd		0001-1L
3332.00		ccp				0002
	0.10		100	S/Sst : gy w to lt brn gy to pl y brn, crs, hd		0002-1L
3334.00		ccp				0004
			100	S/Sst : gy w to lt brn gy to pl y brn, crs, cngl, hd		0004-1L
3338.60		ccp				0003
	0.10		100	S/Sst : gy w to lt brn gy to pl y brn, crs, f, hd		0003-1L
3342.80		ccp				0005
	0.12		100	S/Sst : gy w to lt brn gy to pl y brn, crs, f, hd		0005-1L
3349.70		ccp				0006
	0.37		100	Sltst : lt brn gy to brn gy, mic, hd		0006-1L
3352.50		ccp				0007
	0.25		100	S/Sst : gy w to lt brn gy to pl y brn, f, crs, hd		0007-1L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3362.90	ccp						0008
	0.13	100	S/Sst		: gy w to pl brn to pl y brn, crs, hd		0008-1L
3366.50	ccp						0009
	78.75	100	Coal		: blk, wx, br		0009-1L
3375.75	ccp						0010
	0.44	100	S/Sst		: lt brn gy to brn gy, f, hd		0010-1L
3379.50	ccp						0011
	82.40	100	Coal		: blk to dsk y brn, wx, br		0011-1L
3384.50	ccp						0026
	0.19	100	S/Sst		: pl y brn, f, hd		0026-1L
3386.40	ccp						0012
		100	Coal		: blk, wx, br		0012-1L
3390.00	ccp						0013
	78.40	100	Coal		: blk, wx, br		0013-1L
3391.50	ccp						0014
		100	Coal		: blk, wx, hd		0014-1L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp	Frm	Age Lithology description	Trb	Sample
3399.80		ccp						0015
		83.40	100	Coal		: blk, wx		0015-1L
3415.00		ccp						0016
			100	S/Sst		: lt w to gy w to m y brn, f, crs, hd		0016-1L
3420.00		ccp						0017
			100	S/Sst		: gy w to pl brn, f, crs, hd		0017-1L
3424.75		ccp						0018
		0.66	100	Sltst		: lt brn gy, hd		0018-1L
3434.00		ccp						0019
		0.16	100	S/Sst		: gy w to pl y brn, f, crs, hd		0019-1L
3443.25		ccp						0020
		0.24	100	S/Sst		: gy w to pl y brn, f, crs, hd		0020-1L
			tr	Coal		: blk, wx		0020-2L
3448.00		ccp						0021
			100	Coal		: blk, wx		0021-1L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3449.00	ccp						0022
	0.34	100	S/Sst	: pl y brn, f, hd			0022-1L
3454.00	ccp						0023
	0.10	100	S/Sst	: gy w to pl y brn to drk y brn, crs, cngl, hd			0023-1L
3458.00	ccp						0024
		100	S/Sst	: gy w to pl y brn to drk y brn, crs, hd			0024-1L
3478.50	ccp						0025
	0.14	100	Sltst	: lt gy, s, hd			0025-1L
3485.50	ccp						0027
	0.15	100	Sltst	: lt gy, hd			0027-1L
3540.00							0095
	1.73	80	Kaolin	: w to or w			0095-1L
		10	Sh/Clst	: drk gy to gy blk			0095-2L
		5	S/Sst	: gy w to lt gy, f, crs, l			0095-3L
		5	Cont	: prp			0095-4L
		tr	Coal	: blk			0095-5L
3543.00							0096
	0.16	60	S/Sst	: gy w to lt gy, crs, l			0096-3L
		25	Kaolin	: w to or w			0096-1L
		10	Sh/Clst	: drk gy to gy blk			0096-2L
		5	Cont	: prp			0096-4L
		tr	Coal	: blk			0096-5L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
3549.00						0097
		0.09	85	S/Sst : lt gy w to gy w, f, crs, l		0097-3L
			5	Kaolin : w to or w		0097-1L
			5	Sh/Clst: drk gy to gy blk		0097-2L
			5	Coal : blk		0097-5L
			tr	Cont : prp		0097-4L
3563.50		swc				0028
		0.77	100	Sltst : lt gy to pl y brn		0028-1L
3576.95		ccp				0029
			100	Sh/Clst: m gy, mic		0029-1L
3592.70		ccp				0030
		0.25	100	S/Sst : gy w to lt gy, f, hd		0030-1L
3601.00		ccp				0031
			100	S/Sst : lt gy to lt brn gy, crs, hd		0031-1L
3613.50		ccp				0032
		0.21	100	Sltst : lt gy to m gy, s, hd		0032-1L
3617.15		ccp				0033
		0.21	100	S/Sst : lt gy to lt brn gy, crs, hd		0033-1L

Table 1 : Lithology description for well NOCS 35/10-1

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3624.90	ccp						0034
	0.21	100	S/Sst	: gy w to lt gy to lt brn gy, f, hd			0034-1L
3642.70	ccp						0035
		100	Sh/Clst	: drk gy to gy blk, mic, hd			0035-1L
3648.00	ccp						0036
		100	S/Sst	: gy w to lt gy, f, crs, hd			0036-1L
3984.00							0098
		100	S/Sst	: gy w, f, slt, l			0098-1L
		tr	Sh/Clst	: lt or gy, fis			0098-2L
		tr	Cont	: prp			0098-3L

Table 2 : Rock-Eval table for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1832.00	cut	Sh/Clst: m gy to drk gy	0.04	0.40	1.00	0.40	0.75	53	133	0.4	0.09	429	0073-1L
1850.00	cut	Sh/Clst: lt gy to lt bl gy	0.03	0.13	0.50	0.26	0.43	30	116	0.2	0.19	425	0046-1L
1871.00	cut	Sh/Clst: lt gy to lt bl gy	0.02	0.08	0.49	0.16	0.40	20	123	0.1	0.20	417	0047-1L
1892.00	cut	Sh/Clst: lt gy to lt bl gy to m bl gy	-	0.05	0.28	0.18	0.23	22	122	0.1	-	374	0048-1L
1895.00	cut	Sh/Clst: lt gy to lt bl gy to m bl gy	0.01	0.06	0.21	0.29	0.24	25	88	0.1	0.14	370	0049-1L
1904.00	cut	Sh/Clst: lt gy to m gy to lt gn gy	0.03	0.14	0.26	0.54	0.52	27	50	0.2	0.18	429	0051-1L
1919.00	cut	Sh/Clst: lt gy to m gy to lt gn gy	0.03	0.30	0.22	1.36	0.72	42	31	0.3	0.09	430	0052-1L
2012.00	cut	Sh/Clst: lt gy to m gy to gn gy	0.14	0.24	0.31	0.77	0.58	41	53	0.4	0.37	429	0054-1L
2012.00	cut	Ca : or w to lt or gy	1.35	3.72	2.24	1.66	0.87	428	257	5.1	0.27	420	0054-4L
2015.00	cut	Sh/Clst: lt gy to m gy to gn gy	0.53	0.42	0.37	1.14	0.70	60	53	0.9	0.56	426	0055-1L
2015.00	cut	Ca : or w to lt or gy	7.54	3.77	0.70	5.39	1.18	319	59	11.3	0.67	426	0055-3L
2018.00	cut	Sh/Clst: lt gy to m gy	0.27	0.26	0.46	0.57	0.61	43	75	0.5	0.51	427	0057-1L
2018.00	cut	Ca : or w to lt or gy	8.82	3.61	0.69	5.23	1.34	269	51	12.4	0.71	420	0057-2L
2039.00	cut	Sh/Clst: lt gy to m gy	0.22	0.29	0.33	0.88	0.57	51	58	0.5	0.43	427	0058-1L

Table 2 : Rock-Eval table for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2110.00	cut	Sh/Clst: m gy	0.75	0.54	0.30	1.80	0.75	72	40	1.3	0.58	429	0060-1L
2110.00	cut	Ca : or w to lt or gy	13.71	4.84	1.23	3.93	1.95	248	63	18.6	0.74	415	0060-2L
2150.00	cut	Sh/Clst: m gy to lt bl gy to m bl gy	0.06	0.21	0.34	0.62	0.54	39	63	0.3	0.22	427	0061-1L
2190.00	cut	Sh/Clst: m gy to gn gy	0.08	0.24	0.43	0.56	0.51	47	84	0.3	0.25	429	0063-1L
2190.00	cut	Sh/Clst: m brn	0.03	0.03	0.79	0.04	0.13	23	608	0.1	0.50	441	0063-4L
2300.00	cut	Sh/Clst: m gy	0.04	0.12	0.31	0.39	0.37	32	84	0.2	0.25	417	0065-1L
2400.00	cut	Sh/Clst: m gy	0.06	0.22	0.32	0.69	0.51	43	63	0.3	0.21	425	0067-1L
2500.00	cut	Sh/Clst: m gy	0.03	0.15	0.15	1.00	0.45	33	33	0.2	0.17	428	0069-1L
2630.00	cut	Sh/Clst: m gy to drk gy	0.04	0.22	0.21	1.05	0.45	49	47	0.3	0.15	431	0071-1L
2700.00	cut	Sh/Clst: m gy	0.02	0.15	0.20	0.75	0.46	33	43	0.2	0.12	424	0074-1L
2800.00	cut	Sh/Clst: m gy	0.03	0.21	0.32	0.66	0.53	40	60	0.2	0.13	433	0076-1L
2900.00	cut	Sh/Clst: m gy	0.04	0.16	0.35	0.46	0.55	29	64	0.2	0.20	431	0078-1L
3105.00	cut	Sh/Clst: m gy to drk gy to brn gy to brn blk	1.47	11.79	0.10	117.90	3.20	368	3	13.3	0.11	442	0081-1L
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	4.75	29.55	0.28	105.54	6.38	463	4	34.3	0.14	443	0082-1L

Table 2 : Rock-Eval table for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3132.00	cut	Sh/Clst: drk brn gy to brn blk	2.26	12.55	0.27	46.48	3.87	324	7	14.8	0.15	445	0083-1L
3141.00	cut	Sh/Clst: drk brn gy to brn blk	2.01	12.38	0.34	36.41	3.45	359	10	14.4	0.14	444	0084-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	1.76	6.94	0.31	22.39	3.54	196	9	8.7	0.20	443	0086-1L
3186.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	2.26	9.46	0.30	31.53	3.93	241	8	11.7	0.19	443	0087-1L
3186.00	cut	Sh/Clst: lt or gy	0.37	2.00	0.45	4.44	0.91	220	49	2.4	0.16	443	0087-4L
3207.00	cut	Sh/Clst: m gy to lt brn gy to brn gy	1.01	6.72	0.38	17.68	2.51	268	15	7.7	0.13	446	0088-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	2.50	17.56	0.47	37.36	4.04	435	12	20.1	0.12	448	0089-1L
3255.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	2.27	15.02	0.30	50.07	3.73	403	8	17.3	0.13	442	0091-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	1.73	12.17	0.28	43.46	3.31	368	8	13.9	0.12	443	0092-1L
3300.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	2.63	14.96	0.26	57.54	3.99	375	7	17.6	0.15	444	0093-1L
3300.00	cut	Sh/Clst: lt gy to lt bl gy to m gy	0.16	0.18	0.17	1.06	0.80	23	21	0.3	0.47	443	0093-2L

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3318.00	cut	Sh/Clst: brn gy to drk brn gy to brn blk	2.22	12.16	0.48	25.33	4.11	296	12	14.4	0.15	442	0094-1L
3332.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	0.22	0.10	0.25	0.40	0.10	100	250	0.3	0.69	443	0002-1L
3338.60	ccp	S/Sst : gy w to lt brn gy to pl y brn	0.24	0.08	0.09	0.89	0.10	80	90	0.3	0.75	438	0003-1L
3342.80	ccp	S/Sst : gy w to lt brn gy to pl y brn	0.24	0.10	0.08	1.25	0.12	83	67	0.3	0.71	416	0005-1L
3349.70	ccp	Sltst : lt brn gy to brn gy	0.68	0.42	0.10	4.20	0.37	114	27	1.1	0.62	451	0006-1L
3352.50	ccp	S/Sst : gy w to lt brn gy to pl y brn	0.89	0.28	0.12	2.33	0.25	112	48	1.2	0.76	432	0007-1L
3362.90	ccp	S/Sst : gy w to pl brn to pl y brn	0.28	0.17	0.06	2.83	0.13	131	46	0.5	0.62	441	0008-1L
3366.50	ccp	Coal : blk	22.74	221.93	1.45	153.06	78.75	282	2	244.7	0.09	450	0009-1L
3375.75	ccp	S/Sst : lt brn gy to brn gy	0.78	0.58	0.11	5.27	0.44	132	25	1.4	0.57	447	0010-1L
3379.50	ccp	Coal : blk to dsk y brn	25.18	235.66	1.20	196.38	82.40	286	1	260.8	0.10	451	0011-1L
3384.50	ccp	S/Sst : pl y brn	0.49	0.20	0.13	1.54	0.19	105	68	0.7	0.71	449	0026-1L
3390.00	ccp	Coal : blk	24.44	209.20	2.38	87.90	78.40	267	3	233.6	0.10	453	0013-1L

Table 2 : Rock-Eval table for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3399.80	ccp	Coal : blk	24.31	212.35	2.74	77.50	83.40	255	3	236.7	0.10	455	0015-1L
3424.75	ccp	Sltst : lt brn gy	0.80	0.71	0.37	1.92	0.66	108	56	1.5	0.53	451	0018-1L
3434.00	ccp	S/Sst : gy w to pl y brn	0.28	0.17	0.09	1.89	0.16	106	56	0.5	0.62	446	0019-1L
3443.25	ccp	S/Sst : gy w to pl y brn	0.51	0.30	0.07	4.29	0.24	125	29	0.8	0.63	439	0020-1L
3449.00	ccp	S/Sst : pl y brn	0.97	0.33	0.20	1.65	0.34	97	59	1.3	0.75	453	0022-1L
3454.00	ccp	S/Sst : gy w to pl y brn to drk y brn	0.19	0.12	-	-	0.10	120	-	0.3	0.61	452	0023-1L
3478.50	ccp	Sltst : lt gy	0.30	0.17	0.01	17.00	0.14	121	7	0.5	0.64	442	0025-1L
3485.50	ccp	Sltst : lt gy	0.51	0.26	-	-	0.15	173	-	0.8	0.66	405	0027-1L
3540.00	cut	Kaolin : w to or w	0.35	1.85	3.18	0.58	1.73	107	184	2.2	0.16	448	0095-1L
3543.00	cut	S/Sst : gy w to lt gy	0.05	0.08	0.07	1.14	0.16	50	44	0.1	0.38	453	0096-3L
3549.00	cut	S/Sst : lt gy w to gy w	0.02	0.05	0.05	1.00	0.09	56	56	0.1	0.29	437	0097-3L
3563.50	swc	Sltst : lt gy to pl y brn	1.20	0.67	0.47	1.43	0.77	87	61	1.9	0.64	420	0028-1L
3592.70	ccp	S/Sst : gy w to lt gy	0.98	0.35	-	-	0.25	140	-	1.3	0.74	422	0030-1L
3613.50	ccp	Sltst : lt gy to m gy	1.09	0.33	-	-	0.21	157	-	1.4	0.77	422	0032-1L

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3617.15	ccp	S/Sst : lt gy to lt brn gy	0.84	0.24	-	-	0.21	114	-	1.1	0.78	432	0033-1L
3624.90	ccp	S/Sst : gy w to lt gy to lt brn gy	1.09	0.42	-	-	0.21	200	-	1.5	0.72	393	0034-1L

Table 3 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2012.00	cut	Sh/Clst: lt gy to m gy to gn gy	10.60	43.38	44.26	1.76	0.24	0054-1L
2012.00	cut	Ca : or w to lt or gy	3.08	12.05	32.89	51.98	3.72	0054-4L
2015.00	cut	Sh/Clst: lt gy to m gy to gn gy	17.82	38.48	40.88	2.83	0.42	0055-1L
2015.00	cut	Ca : or w to lt or gy	3.02	28.25	52.06	16.66	3.77	0055-3L
2018.00	cut	Sh/Clst: lt gy to m gy	10.73	44.26	44.09	0.92	0.26	0057-1L
2018.00	cut	Ca : or w to lt or gy	8.78	23.03	54.47	13.72	3.61	0057-2L
2039.00	cut	Sh/Clst: lt gy to m gy	12.08	45.55	40.79	1.58	0.29	0058-1L
2110.00	cut	Sh/Clst: m gy	7.05	33.30	50.87	8.78	0.54	0060-1L
2110.00	cut	Ca : or w to lt or gy	2.52	17.03	32.53	47.92	4.84	0060-2L
2150.00	cut	Sh/Clst: m gy to lt bl gy to m bl gy	9.82	39.98	47.96	2.23	0.21	0061-1L
2190.00	cut	Sh/Clst: m gy to gn gy	9.40	40.10	48.39	2.12	0.24	0063-1L
2190.00	cut	Sh/Clst: m brn	8.22	45.46	45.35	0.98	0.03	0063-4L
2300.00	cut	Sh/Clst: m gy	8.89	38.80	46.42	5.88	0.12	0065-1L
2400.00	cut	Sh/Clst: m gy	8.48	39.59	41.96	9.96	0.22	0067-1L

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2500.00	cut	Sh/Clst: m gy	11.66	44.46	39.76	4.12	0.15	0069-1L
2630.00	cut	Sh/Clst: m gy to drk gy	10.29	40.63	46.35	2.73	0.22	0071-1L
2700.00	cut	Sh/Clst: m gy	13.40	43.43	41.53	1.64	0.15	0074-1L
2800.00	cut	Sh/Clst: m gy	11.69	37.63	47.01	3.68	0.21	0076-1L
2900.00	cut	Sh/Clst: m gy	12.90	42.85	42.42	1.82	0.16	0078-1L
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	6.00	29.35	50.66	13.99	29.55	0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	2.95	10.25	33.34	53.47	12.55	0083-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	6.68	17.59	38.94	36.79	6.94	0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	3.16	12.12	30.55	54.17	17.56	0089-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	3.64	11.23	34.18	50.95	12.17	0092-1L
3366.50	ccp	Coal : blk	11.72	11.29	22.59	54.40	221.93	0009-1L
3399.80	ccp	Coal : blk	12.90	13.18	21.49	52.43	212.35	0015-1L

Table 4a: Results of TLC-FID analysis: Absolute yields in mg/g rock for well NOCS 35/10-1

Depth unit of measure: m

Depth	S Tp	F Tp	Lithology	Sat HC	Aro HC	Resins	Asp	Tot HC	Tot Pol	Tot EOM	Sample
3332.00	ccp	L	SANDSTONE/SAND	0.611	0.162	0.036	0.022	0.773	0.058	0.831	0002-1L
3338.60	ccp	L	SANDSTONE/SAND	0.358	0.140	0.019	0.003	0.498	0.022	0.520	0003-1L
3342.80	ccp	L	SANDSTONE/SAND	0.498	0.179	0.034	0.017	0.677	0.051	0.728	0005-1L
3362.90	ccp	L	SANDSTONE/SAND	0.277	0.093	0.021	0.006	0.370	0.027	0.397	0008-1L
3375.75	ccp	L	SANDSTONE/SAND	1.037	0.472	0.049	0.028	1.509	0.077	1.586	0010-1L
3384.50	ccp	L	SANDSTONE/SAND	0.781	0.247	0.032	0.005	1.028	0.037	1.065	0026-1L
3434.00	ccp	L	SANDSTONE/SAND	0.395	0.173	0.024	0.005	0.568	0.029	0.597	0019-1L
3443.25	ccp	L	SANDSTONE/SAND	0.818	0.276	0.035	0.016	1.094	0.051	1.145	0020-1L
3449.00	ccp	L	SANDSTONE/SAND	1.483	0.403	0.034	0.017	1.886	0.051	1.937	0022-1L
3454.00	ccp	L	SANDSTONE/SAND	0.421	0.183	0.033	0.020	0.604	0.053	0.657	0023-1L
3478.50	ccp	L	SILTSTONE	0.771	0.236	0.031	0.014	1.007	0.045	1.052	0025-1L
3592.70	ccp	L	SANDSTONE/SAND	1.807	0.658	0.036	0.011	2.465	0.047	2.512	0030-1L
3613.50	ccp	L	SILTSTONE	2.464	0.801	0.037	0.006	3.265	0.043	3.308	0032-1L
3624.90	ccp	L	SANDSTONE/SAND	2.200	0.643	0.036	0.004	2.843	0.040	2.883	0034-1L

Table 4b: Results of TLC-FID analysis: Rel. percentages of sep. fractions for well NOCS 35/10-1

Depth unit of measure: m

Depth	S Tp	F Tp	Lithology	Sat HC	Aro HC	Resins	Asp	Tot HC	Tot Pol	Sample
3332.00	ccp	L	SANDSTONE/SAND	73.53	19.49	4.33	2.65	93.02	6.98	0002-1L
3338.60	ccp	L	SANDSTONE/SAND	68.85	26.92	3.65	0.58	95.77	4.23	0003-1L
3342.80	ccp	L	SANDSTONE/SAND	68.41	24.59	4.67	2.34	92.99	7.01	0005-1L
3362.90	ccp	L	SANDSTONE/SAND	69.77	23.43	5.29	1.51	93.20	6.80	0008-1L
3375.75	ccp	L	SANDSTONE/SAND	65.38	29.76	3.09	1.77	95.15	4.85	0010-1L
3384.50	ccp	L	SANDSTONE/SAND	73.33	23.19	3.00	0.47	96.53	3.47	0026-1L
3434.00	ccp	L	SANDSTONE/SAND	66.16	28.98	4.02	0.84	95.14	4.86	0019-1L
3443.25	ccp	L	SANDSTONE/SAND	71.44	24.10	3.06	1.40	95.55	4.45	0020-1L
3449.00	ccp	L	SANDSTONE/SAND	76.56	20.81	1.76	0.88	97.37	2.63	0022-1L
3454.00	ccp	L	SANDSTONE/SAND	64.08	27.85	5.02	3.04	91.93	8.07	0023-1L
3478.50	ccp	L	SILTSTONE	73.29	22.43	2.95	1.33	95.72	4.28	0025-1L
3592.70	ccp	L	SANDSTONE/SAND	71.93	26.19	1.43	0.44	98.13	1.87	0030-1L
3613.50	ccp	L	SILTSTONE	74.49	24.21	1.12	0.18	98.70	1.30	0032-1L
3624.90	ccp	L	SANDSTONE/SAND	76.31	22.30	1.25	0.14	98.61	1.39	0034-1L

Table 5 a: Weight of EOM and Chromatographic Fraction for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC(e) (%)	Sample
1892.50	fmt	bulk	-	99.6	74.1	16.4	4.1	5.0	90.5	9.1	-	0037-0B
2018.00	cut	Ca : or w to lt or gy	0.4	5.9	-	-	-	5.9	-		0.29	0057-2L
2110.00	cut	Ca : or w to lt or gy	1.0	19.7	10.6	2.3	2.2	4.6	12.9	6.8	0.40	0060-2L
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	4.7	60.8	20.8	14.1	11.3	14.6	34.9	25.9	6.38	0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	5.9	59.7	19.6	14.8	12.5	12.8	34.4	25.3	3.87	0083-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	5.3	24.9	8.5	6.0	6.2	4.2	14.5	10.4	3.54	0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	5.4	38.7	11.8	9.1	9.2	8.6	20.9	17.8	4.04	0089-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	6.5	48.1	9.1	25.7	6.1	7.2	34.8	13.3	3.31	0092-1L
3331.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	8.3	7.6	2.9	1.5	1.4	1.8	4.4	3.2	0.19	0001-1L
3334.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	6.8	11.1	5.0	2.3	2.1	1.7	7.3	3.8	0.50	0004-1L
3342.80	ccp	S/Sst : gy w to lt brn gy to pl y brn	7.5	3.8	-	-	-		-		0.17	0005-1L

Table 5 a: Weight of EOM and Chromatographic Fraction for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC(e) (%)	Sample
3352.50	ccp	S/Sst : gy w to lt brn gy to pl y brn	6.7	10.8	5.3	2.1	1.5	1.9	7.4	3.4	0.35	0007-1L
3366.50	ccp	Coal : blk	2.7	171.5	7.4	5.3	146.0	12.8	12.7	158.8	78.70	0009-1L
3375.75	ccp	S/Sst : lt brn gy to brn gy	6.0	11.8	-	-	-	-	-	-	0.66	0010-1L
3399.80	ccp	Coal : blk	2.9	162.9	10.9	38.8	102.8	10.4	49.7	113.2	83.40	0015-1L
3415.00	ccp	S/Sst : lt w to gy w to m y brn	7.4	6.2	2.4	1.1	1.2	1.5	3.5	2.7	0.24	0016-1L
3420.00	ccp	S/Sst : gy w to pl brn	7.9	14.4	5.9	6.2	1.2	1.1	12.1	2.3	0.29	0017-1L
3424.75	ccp	Sltst : lt brn gy	8.3	12.7	5.5	2.5	2.7	2.0	8.0	4.7	0.65	0018-1L
3443.25	ccp	S/Sst : gy w to pl y brn	8.3	9.1	-	-	-		-		0.31	0020-1L
3454.00	ccp	S/Sst : gy w to pl y brn to drk y brn	9.2	7.0	-	-	-		-		0.22	0023-1L
3458.00	ccp	S/Sst : gy w to pl y brn to drk y brn	9.2	8.9	4.1	1.8	1.5	1.5	5.9	3.0	0.23	0024-1L
3543.00	cut	S/Sst : gy w to lt gy	4.6	4.1	-	-	-		-		1.45	0096-3L
3563.50	swc	Sltst : lt gy to pl y brn	1.5	5.2	2.1	1.2	0.7	1.2	3.3	1.9	0.67	0028-1L

Table 5 a: Weight of EOM and Chromatographic Fraction for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	Rock Extracted (g)	EOM (mg)	Sat (mg)	Aro (mg)	Asph (mg)	NSO (mg)	HC (mg)	Non-HC (mg)	TOC(e) (%)	Sample
3601.00	ccp	S/Sst : lt gy to lt brn gy	9.6	18.4	11.0	3.8	1.3	2.3	14.8	3.6	0.30	0031-1L
3617.15	ccp	S/Sst : lt gy to lt brn gy	9.9	11.5	7.4	1.9	0.8	1.4	9.3	2.2	0.30	0033-1L
3624.90	ccp	S/Sst : gy w to lt gy to lt brn gy	8.6	18.1	-	-	-		-		0.30	0034-1L
3648.00	ccp	S/Sst : gy w to lt gy	8.7	14.4	8.1	2.7	1.6	2.0	10.8	3.6	0.29	0036-1L

Table 5 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1892.50	fmt	bulk	-	-	-	-	-	-	-	0037-0B
2018.00	cut	Ca : or w to lt or gy	15128	-	-	-		-		0057-2L
2110.00	cut	Ca : or w to lt or gy	19700	10600	2300	2200	4600	12900	6800	0060-2L
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	12963	4434	3006	2409	3113	7441	5522	0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	10135	3327	2512	2122	2173	5840	4295	0083-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	4742	1619	1142	1180	799	2761	1980	0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	7206	2197	1694	1713	1601	3891	3314	0089-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	7354	1391	3929	932	1100	5321	2033	0092-1L
3331.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	913	348	180	168	216	528	384	0001-1L
3334.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	1642	739	340	310	251	1079	562	0004-1L
3342.80	ccp	S/Sst : gy w to lt brn gy to pl y brn	508	-	-	-		-		0005-1L

Table 5 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3352.50	ccp	S/Sst : gy w to lt brn gy to pl y brn	1619	794	314	224	284	1109	509	0007-1L
3366.50	ccp	Coal : blk	63051	2720	1948	53676	4705	4669	58382	0009-1L
3375.75	ccp	S/Sst : lt brn gy to brn gy	1953	-	-	-		-		0010-1L
3399.80	ccp	Coal : blk	55408	3707	13197	34965	3537	16904	38503	0015-1L
3415.00	ccp	S/Sst : lt w to gy w to m y brn	842	326	149	163	203	475	366	0016-1L
3420.00	ccp	S/Sst : gy w to pl brn	1822	746	784	151	139	1531	291	0017-1L
3424.75	ccp	Sltst : lt brn gy	1535	665	302	326	241	967	568	0018-1L
3443.25	ccp	S/Sst : gy w to pl y brn	1096	-	-	-		-		0020-1L
3454.00	ccp	S/Sst : gy w to pl y brn to drk y brn	763	-	-	-		-		0023-1L
3458.00	ccp	S/Sst : gy w to pl y brn to drk y brn	968	446	195	163	163	642	326	0024-1L
3543.00	cut	S/Sst : gy w to lt gy	895	-	-	-		-		0096-3L
3563.50	swc	Sltst : lt gy to pl y brn	3561	1438	821	479	821	2260	1301	0028-1L

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3601.00	ccp	S/Sst : lt gy to lt brn gy	1922	1149	397	135	240	1546	376	0031-1L
3617.15	ccp	S/Sst : lt gy to lt brn gy	1167	751	192	81	142	944	223	0033-1L
3624.90	ccp	S/Sst : gy w to lt gy to lt brn gy	2099	-	-	-		-		0034-1L
3648.00	ccp	S/Sst : gy w to lt gy	1657	932	310	184	230	1242	414	0036-1L

Table 5 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1892.50	fmt	bulk	-	-	-	-	-	-	-	0037-0B
2018.00	cut	Ca : or w to lt or gy	5216.62	-	-	-		-		0057-2L
2110.00	cut	Ca : or w to lt or gy	4925.00	2650.00	575.00	550.00	1150.00	3225.00	1700.00	0060-2L
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	203.19	69.51	47.12	37.76	48.79	116.64	86.56	0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	261.91	85.99	64.93	54.84	56.15	150.91	110.99	0083-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	133.98	45.74	32.28	33.36	22.60	78.02	55.96	0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	178.38	54.39	41.95	42.41	39.64	96.34	82.05	0089-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	222.20	42.04	118.72	28.18	33.26	160.76	61.44	0092-1L
3331.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	480.77	183.45	94.89	88.56	113.87	278.34	202.43	0001-1L
3334.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	328.40	147.93	68.05	62.13	50.30	215.98	112.43	0004-1L
3342.80	ccp	S/Sst : gy w to lt brn gy to pl y brn	298.84	-	-	-		-		0005-1L

Table 5 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3352.50	ccp	S/Sst : gy w to lt brn gy to pl y brn	462.63	227.03	89.96	64.25	81.39	316.98	145.64	0007-1L
3366.50	ccp	Coal : blk	80.12	3.46	2.48	68.20	5.98	5.93	74.18	0009-1L
3375.75	ccp	S/Sst : lt brn gy to brn gy	296.01	-	-	-		-		0010-1L
3399.80	ccp	Coal : blk	66.44	4.45	15.82	41.93	4.24	20.27	46.17	0015-1L
3415.00	ccp	S/Sst : lt w to gy w to m y brn	351.00	135.87	62.27	67.93	84.92	198.14	152.85	0016-1L
3420.00	ccp	S/Sst : gy w to pl brn	628.55	257.53	270.62	52.38	48.01	528.15	100.39	0017-1L
3424.75	ccp	Sltst : lt brn gy	236.26	102.32	46.51	50.23	37.21	148.82	87.43	0018-1L
3443.25	ccp	S/Sst : gy w to pl y brn	353.67	-	-	-		-		0020-1L
3454.00	ccp	S/Sst : gy w to pl y brn to drk y brn	346.98	-	-	-		-		0023-1L
3458.00	ccp	S/Sst : gy w to pl y brn to drk y brn	421.06	193.97	85.16	70.97	70.97	279.13	141.93	0024-1L
3543.00	cut	S/Sst : gy w to lt gy	61.74	-	-	-		-		0096-3L
3563.50	swc	Sltst : lt gy to pl y brn	531.59	214.68	122.67	71.56	122.67	337.35	194.23	0028-1L

Table 5 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
3601.00	ccp	S/Sst : lt gy to lt brn gy	640.89	383.14	132.36	45.28	80.11	515.50	125.39	0031-1L
3617.15	ccp	S/Sst : lt gy to lt brn gy	389.17	250.42	64.30	27.07	47.38	314.72	74.45	0033-1L
3624.90	ccp	S/Sst : gy w to lt gy to lt brn gy	699.92	-	-	-		-		0034-1L
3648.00	ccp	S/Sst : gy w to lt gy	571.41	321.42	107.14	63.49	79.36	428.55	142.85	0036-1L

Table 5 d: Composition of material extracted from the rock (%) for well NOCS 35/10-1

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
1892.50	fmt	bulk	74.40	16.47	4.12	5.02	90.86	9.14	451.83	994.51	0037-0B
2018.00	cut	Ca : or w to lt or gy	-	-	-		-		-	-	0057-2L
2110.00	cut	Ca : or w to lt or gy	53.81	11.68	11.17	23.35	65.48	34.52	460.87	189.71	0060-2L
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	34.21	23.19	18.59	24.01	57.40	42.60	147.52	134.75	0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	32.83	24.79	20.94	21.44	57.62	42.38	132.43	135.97	0083-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	34.14	24.10	24.90	16.87	58.23	41.77	141.67	139.42	0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	30.49	23.51	23.77	22.22	54.01	45.99	129.67	117.42	0089-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	18.92	53.43	12.68	14.97	72.35	27.65	35.41	261.65	0092-1L
3331.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	38.16	19.74	18.42	23.68	57.89	42.11	193.33	137.50	0001-1L
3334.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	45.05	20.72	18.92	15.32	65.77	34.23	217.39	192.11	0004-1L
3342.80	ccp	S/Sst : gy w to lt brn gy to pl y brn	-	-	-		-		-	-	0005-1L

Table 5 d: Composition of material extracted from the rock (%) for well NOCS 35/10-1

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
3352.50	ccp	S/Sst : gy w to lt brn gy to pl y brn	49.07	19.44	13.89	17.59	68.52	31.48	252.38	217.65	0007-1L
3366.50	ccp	Coal : blk	4.31	3.09	85.13	7.46	7.41	92.59	139.62	8.00	0009-1L
3375.75	ccp	S/Sst : lt brn gy to brn gy	-	-	-		-		-	-	0010-1L
3399.80	ccp	Coal : blk	6.69	23.82	63.11	6.38	30.51	69.49	28.09	43.90	0015-1L
3415.00	ccp	S/Sst : lt w to gy w to m y brn	38.71	17.74	19.35	24.19	56.45	43.55	218.18	129.63	0016-1L
3420.00	ccp	S/Sst : gy w to pl brn	40.97	43.06	8.33	7.64	84.03	15.97	95.16	526.09	0017-1L
3424.75	ccp	Sltst : lt brn gy	43.31	19.69	21.26	15.75	62.99	37.01	220.00	170.21	0018-1L
3443.25	ccp	S/Sst : gy w to pl y brn	-	-	-		-		-	-	0020-1L
3454.00	ccp	S/Sst : gy w to pl y brn to drk y brn	-	-	-		-		-	-	0023-1L
3458.00	ccp	S/Sst : gy w to pl y brn to drk y brn	46.07	20.22	16.85	16.85	66.29	33.71	227.78	196.67	0024-1L
3543.00	cut	S/Sst : gy w to lt gy	-	-	-		-		-	-	0096-3L
3563.50	swc	Sltst : lt gy to pl y brn	40.38	23.08	13.46	23.08	63.46	36.54	175.00	173.68	0028-1L

Table 5 d: Composition of material extracted from the rock (%) for well NOCS 35/10-1

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
3601.00	ccp	S/Sst : lt gy to lt brn gy	59.78	20.65	7.07	12.50	80.43	19.57	289.47	411.11	0031-1L
3617.15	ccp	S/Sst : lt gy to lt brn gy	64.35	16.52	6.96	12.17	80.87	19.13	389.47	422.73	0033-1L
3624.90	ccp	S/Sst : gy w to lt gy to lt brn gy	-	-	-		-		-	-	0034-1L
3648.00	ccp	S/Sst : gy w to lt gy	56.25	18.75	11.11	13.89	75.00	25.00	300.00	300.00	0036-1L

Table 6 : Saturated Hydrocarbon Ratios for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	Pristane / nC17	Pristane / Phytane	Pristane + Phytane / nC17 + nC18	Phytane / nC18	CPI	Sample
1892.50	fmt	bulk	0.53	1.86	0.43	0.32	1.08	0037-0B
2110.00	cut	Ca : or w to lt or gy	0.48	0.84	0.36	0.30	1.05	0060-2L
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	0.93	1.34	0.84	0.74	0.99	0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	0.78	1.46	0.70	0.60	0.92	0083-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	0.72	1.97	0.59	0.44	1.01	0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	0.58	2.47	0.45	0.28	1.01	0089-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	0.69	1.90	0.57	0.43	0.99	0092-1L
3331.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	0.56	1.58	0.43	0.32	1.05	0001-1L
3334.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	0.61	1.82	0.48	0.34	1.04	0004-1L
3352.50	ccp	S/Sst : gy w to lt brn gy to pl y brn	0.63	1.53	0.48	0.35	1.03	0007-1L

Depth unit of measure: m

Depth	Typ	Lithology	Pristane / nC17	Pristane / Phytane	Pristane + Phytane / nC17 + nC18	Phytane / nC18	CPI	Sample
3366.50	ccp	Coal : blk	0.32	2.38	0.25	0.17	0.78	0009-1L
3399.80	ccp	Coal : blk	0.49	2.53	0.37	0.22	0.96	0015-1L
3415.00	ccp	S/Sst : lt w to gy w to m y brn	0.59	1.77	0.45	0.32	1.08	0016-1L
3420.00	ccp	S/Sst : gy w to pl brn	0.55	1.70	0.42	0.30	1.01	0017-1L
3424.75	ccp	Sltst : lt brn gy	0.58	1.99	0.46	0.32	1.04	0018-1L
3458.00	ccp	S/Sst : gy w to pl y brn to drk y brn	0.53	2.10	0.40	0.26	1.08	0024-1L
3563.50	swc	Sltst : lt gy to pl y brn	0.59	1.95	0.46	0.33	1.04	0028-1L
3601.00	ccp	S/Sst : lt gy to lt brn gy	0.56	1.77	0.43	0.31	1.06	0031-1L
3617.15	ccp	S/Sst : lt gy to lt brn gy	0.63	2.00	0.49	0.33	1.06	0033-1L
3648.00	ccp	S/Sst : gy w to lt gy	0.60	1.83	0.47	0.33	1.07	0036-1L

Table 7 : Aromatic Hydrocarbon Ratios for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
1892.50	fmt	bulk	1.32	2.35	0.34	1.27	0.82	0.99	0.89	0.14	8.02	2.01	0037-0B
2110.00	cut	Ca : or w to lt or gy	1.08	1.81	-	0.95	0.88	0.99	0.93	-	-	-	0060-2L
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	0.91	1.14	0.14	0.74	0.57	0.60	0.74	0.25	2.90	0.40	0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	0.90	1.17	0.14	0.76	0.59	0.62	0.75	0.23	2.98	0.39	0083-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	1.04	1.38	0.15	0.77	0.57	0.64	0.74	0.16	3.50	0.67	0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	1.08	1.48	0.11	0.73	0.53	0.59	0.72	0.13	3.80	0.74	0089-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	1.20	2.27	0.38	1.04	0.75	0.90	0.85	0.25	16.09	3.16	0092-1L
3331.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	0.82	1.58	0.16	0.90	0.65	0.72	0.79	-	-	-	0001-1L
3334.00	ccp	S/Sst : gy w to lt brn gy to pl y brn	1.17	2.35	0.27	1.16	0.81	1.00	0.89	-	8.81	2.31	0004-1L
3352.50	ccp	S/Sst : gy w to lt brn gy to pl y brn	1.04	1.51	0.22	0.96	0.73	0.81	0.84	-	-	-	0007-1L
3366.50	ccp	Coal : blk	0.96	1.40	0.12	0.73	0.55	0.60	0.73	0.14	2.93	0.62	0009-1L

Table 7 : Aromatic Hydrocarbon Ratios for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2)/1MDBT	Sample
3399.80	ccp	Coal : blk	1.19	2.23	0.38	1.02	0.79	0.95	0.87	0.29	13.90	3.19	0015-1L
3415.00	ccp	S/Sst : lt w to gy w to m y brn	1.06	2.14	0.19	1.03	0.75	0.85	0.85	0.20	-	-	0016-1L
3420.00	ccp	S/Sst : gy w to pl brn	1.09	2.22	0.21	1.02	0.93	1.03	0.96	-	-	-	0017-1L
3424.75	ccp	Sltst : lt brn gy	1.23	2.28	0.28	1.27	0.91	1.14	0.95	0.25	14.44	3.36	0018-1L
3458.00	ccp	S/Sst : gy w to pl y brn to drk y brn	1.07	2.34	0.22	1.02	0.70	0.79	0.82	0.17	-	-	0024-1L
3563.50	swc	Sltst : lt gy to pl y brn	1.05	2.59	0.09	1.44	0.99	1.19	0.99	-	-	-	0028-1L
3601.00	ccp	S/Sst : lt gy to lt brn gy	1.35	2.82	0.25	1.47	1.05	1.31	1.03	-	-	-	0031-1L
3617.15	ccp	S/Sst : lt gy to lt brn gy	1.37	3.18	0.27	1.31	0.83	0.96	0.90	-	-	-	0033-1L
3648.00	ccp	S/Sst : gy w to lt gy	1.39	3.00	0.27	1.38	0.92	1.11	0.95	-	-	-	0036-1L

Table 8 : Thermal Maturity Data for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
1000.00	cut	bulk	0.23	3	0.02	-	-	-	0039-0B
1100.00	cut	bulk	0.20	4	0.03	-	-	-	0040-0B
1200.00	cut	bulk	0.24	2	0.00	-	-	-	0041-0B
1300.00	cut	bulk	0.36	3	0.03	-	-	-	0042-0B
1400.00	cut	bulk	0.34	1	0.00	-	-	-	0043-0B
1500.00	cut	bulk	0.47	4	0.01	-	-	-	0044-0B
1700.00	cut	bulk	NDP	-	-	-	-	-	0056-0B
1800.00	cut	bulk	NDP	-	-	-	-	-	0045-0B
1901.00	cut	bulk	NDP	-	-	-	-	-	0050-0B
2006.00	cut	bulk	NDP	-	-	-	-	-	0053-0B
2048.00	cut	bulk	0.54	3	0.01	-	-	-	0059-0B
2160.00	cut	bulk	NDP	-	-	-	-	-	0062-0B
2250.00	cut	bulk	NDP	-	-	-	-	-	0064-0B
2350.00	cut	bulk	NDP	-	-	-	-	-	0066-0B

Table 8 : Thermal Maturity Data for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
2450.00	cut	bulk	0.49	3	0.01	–	–	–	0068-0B
2550.00	cut	bulk	NDP	–	–	–	–	–	0070-0B
2650.00	cut	bulk	0.70	3	0.02	–	–	–	0072-0B
2750.00	cut	bulk	NDP	–	–	–	–	–	0075-0B
2850.00	cut	bulk	NDP	–	–	–	–	–	0077-0B
2950.00	cut	bulk	NDP	–	–	–	–	–	0079-0B
3066.00	cut	bulk	NDP	–	–	–	–	–	0080-0B
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	–	–	–	–	6.5(?)	443	0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	–	–	–	–	6.5-7.0	445	0083-1L
3153.00	cut	bulk	0.57	7	0.03	–	–	–	0085-0B
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	–	–	–	–	6.5-7.0	443	0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	–	–	–	–	6.5(??)	448	0089-1L

Table 8 : Thermal Maturity Data for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
3252.00	cut	bulk	0.66	5	0.07	-	-	-	0090-0B
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	-	-	-	-	6.5-7.0	443	0092-1L
3366.50	ccp	Coal : blk	-	-	-	-	7.0(??)	450	0009-1L
3386.40	ccp	bulk	0.85	20	0.04	-	-	-	0012-0B
3391.50	ccp	bulk	0.87	19	0.05	-	-	-	0014-0B
3399.80	ccp	Coal : blk	-	-	-	-	7.0(??)	455	0015-1L
3448.00	ccp	bulk	0.80	20	0.04	-	-	-	0021-0B
3576.95	ccp	bulk	0.92	4	0.07	-	-	-	0029-0B
3642.70	ccp	bulk	0.60	3	0.03	-	-	-	0035-0B

Table 9 : Visual Kerogen Composition Data for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	LIPT %	Amor L	LipDet	Sp/Pol	Cuticl	Reslne	Algae	Dinoflt	Acrt	Bit L	INERT %	Fusins	Semfus	Sntdet	Micrin	Sclero	Bit I	VITR %	Telin	Collinit	Vitdet	Amorv	Bitv	Sample
3120.00	cut	Sh/Clst: drk gy to drk brn gy to brn blk	85	**		*	*	**	*		?	5			*				10	*		*			0082-1L
3132.00	cut	Sh/Clst: drk brn gy to brn blk	75	**	*	*		**	*			10		**	*				15	**		*			0083-1L
3168.00	cut	Sh/Clst: m gy to drk gy to drk brn gy	30	**		*	*		*	*		10	*	**					60	**	*				0086-1L
3231.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	90	**		*	*	**	*		?	5			*				5			*			0089-1L
3282.00	cut	Sh/Clst: lt brn gy to brn gy to drk brn gy	75	**		*		**	*		*	10		*	**				15	*		*			0092-1L
3366.50	ccp	Coal : blk	15	*		*	*					10		*					75	*	*		**	*	0009-1L
3399.80	ccp	Coal : blk	10	*		*	?					5		*					85	**	*		*	*	0015-1L

Table 10a: Normalised gas composition (Analysis performed by IFE)

sample	C_1 %	C_2 %	C_3 %	iC_4 %	nC_4 %	iC_5 %	nC_5 %	CO_2 %	ΣC_1-C_5	Wet-ness	iC_4/ nC_4
FMT 8f	90.0	7.1	1.7	0.18	0.40	0.09	0.10	0.4	99.6	0.10	0.44

Table 10b: Isotope composition of gas (* Analysis performed by IFE)

sample	C_1 $\delta^{13}C$ ‰ PDB	C_1 δD ‰ SMOW	C_2 $\delta^{13}C$ ‰ PDB	C_3 $\delta^{13}C$ ‰ PDB	iC_4 $\delta^{13}C$ ‰ PDB	nC_4 $\delta^{13}C$ ‰ PDB	CO_2 $\delta^{13}C$ ‰ PDB	CO_2 $\delta^{18}O$ ‰PDB
FMT 8f	-43.04	-226 *	-31.85	-29.76	-30.89	-28.30	-31.2*	-7.5*

Table 11A: Tabulation of carbon isotope data for EOM/EOM - fractions for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
1892.50	fmt	bulk	-28.09	-28.63	-27.44	-27.92	-28.28	-	0037-0
2110.00	cut	Ca	-28.23	-28.53	-27.38	-28.02	-27.92	-	0060-2
3120.00	cut	Sh/Clst	-29.37	-30.19	-29.70	-29.28	-28.55	-27.94	0082-1
3132.00	cut	Sh/Clst	-29.13	-29.59	-29.11	-28.81	-27.95	-26.67	0083-1
3168.00	cut	Sh/Clst	-27.47	-29.10	-27.56	-27.76	-25.93	-24.90	0086-1
3231.00	cut	Sh/Clst	-27.63	-28.72	-27.40	-27.48	-26.83	-25.97	0089-1
3282.00	cut	Sh/Clst	-28.29	-29.02	-25.29 * -25.38	-28.23	-26.64	-26.10	0092-1
3331.00	ccp	S/Sst	-	-28.39	-26.77	-27.88	-27.01	-	0001-1
3334.00	ccp	S/Sst	-27.36	-28.36	-26.25	-27.01	-26.27	-	0004-1
3352.50	ccp	S/Sst	-27.70	-28.47	-26.60	-27.45	-26.54	-	0007-1
3366.50	ccp	Coal	-24.69	-27.44	-28.19 * -28.58	-25.36	-24.42	-23.76	0009-1
3399.80	ccp	Coal	-25.60	-27.49	-25.53 * -25.57	-25.94	-25.44	-24.88	0015-1
3424.75	ccp	Sltst	-27.14	-28.32	-26.28	-26.93	-26.11	-	0018-1
3458.00	ccp	S/Sst	-	-28.27	-26.67	-27.43	-26.97	-	0024-1
3617.15	ccp	S/Sst	-27.45	-28.08	-26.14	-27.00	-26.61	-	0033-1

* Rerun.

Table 11B: Tabulation of cv values from carbon isotope data for well NOCS 35/10-1

Depth unit of measure: m

Depth	Typ	Lithology	Saturated	Aromatic	cv value	Sample
1892.50	fmt	bulk	-28.63	-27.44	-0.13	0037-0
2110.00	cut	Ca	-28.53	-27.38	-0.25	0060-2
3120.00	cut	Sh/Clst	-30.19	-29.70	-1.20	0082-1
3132.00	cut	Sh/Clst	-29.59	-29.11	-1.41	0083-1
3168.00	cut	Sh/Clst	-29.10	-27.56	0.79	0086-1
3231.00	cut	Sh/Clst	-28.72	-27.40	0.18	0089-1
3282.00	cut	Sh/Clst	-29.02	-25.29	5.63	0092-1
3331.00	ccp	S/Sst	-28.39	-26.77	0.75	0001-1
3334.00	ccp	S/Sst	-28.36	-26.25	1.83	0004-1
3352.50	ccp	S/Sst	-28.47	-26.60	1.33	0007-1
3366.50	ccp	Coal	-27.44	-28.19	-4.81	0009-1
3399.80	ccp	Coal	-27.49	-25.53	1.22	0015-1
3424.75	ccp	Sltst	-28.32	-26.28	1.66	0018-1
3458.00	ccp	S/Sst	-28.27	-26.67	0.67	0024-1
3617.15	ccp	S/Sst	-28.08	-26.14	1.36	0033-1

Table 12A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 35/10-1

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
1892.50	bulk	0.35	0.26	0.08	0.35	0.26	0.18	0.15	0.44	0.13	0.09	0.93	0.26	0.08	62.74	0037-0
• 2018.00	Ca	0.29	0.22	0.05	0.30	0.23	0.12	0.08	0.28	0.08	0.06	0.95	0.24	0.06	64.13	0057-2
2110.00	Ca	0.34	0.25	0.06	0.31	0.23	0.15	0.13	0.43	0.12	0.07	0.95	0.24	0.07	63.31	0060-2
3120.00	Sh/Clst	0.88	0.47	0.11	0.43	0.30	0.05	0.10	0.24	0.09	0.07	0.91	0.30	0.10	60.55	0082-1
3132.00	Sh/Clst	0.90	0.47	0.10	0.40	0.29	0.05	0.08	0.19	0.07	0.05	0.91	0.29	0.10	60.59	0083-1
3168.00	Sh/Clst	0.99	0.50	0.11	0.42	0.29	0.06	0.06	0.15	0.06	0.04	0.90	0.29	0.10	60.09	0086-1
3231.00	Sh/Clst	0.62	0.38	0.09	0.38	0.28	0.07	0.01	0.03	0.01	0.03	0.91	0.27	0.09	60.14	0089-1
3282.00	Sh/Clst	0.86	0.46	0.10	0.39	0.28	0.07	0.04	0.09	0.03	0.03	0.90	0.28	0.10	60.02	0092-1
3331.00	S/Sst	0.35	0.26	0.07	0.30	0.23	0.09	0.06	0.18	0.05	0.10	0.96	0.24	0.05	63.53	0001-1
3334.00	S/Sst	0.36	0.27	0.08	0.34	0.26	0.15	0.10	0.30	0.09	0.10	0.96	0.26	0.06	65.59	0004-1
• 3342.80	S/Sst	0.36	0.26	0.05	0.29	0.23	0.11	0.05	0.18	0.05	0.07	0.96	0.24	0.06	57.83	0005-1
3352.50	S/Sst	0.31	0.24	0.08	0.30	0.23	0.14	0.11	0.37	0.10	0.12	0.96	0.24	0.06	66.70	0007-1
3366.50	Coal	1.72	0.63	0.16	0.45	0.31	0.10	0.02	0.03	0.02	0.01	0.91	0.31	0.09	60.32	0009-1
• 3375.75	S/Sst	0.26	0.20	0.05	0.24	0.19	0.11	0.10	0.40	0.09	0.06	0.97	0.21	0.05	63.85	0010-1

*EOM

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
3399.80	Coal	0.84	0.46	0.15	0.41	0.29	0.11	0.02	0.04	0.02	0.03	0.93	0.29	0.07	60.90	0015-1
3420.00	S/Sst	0.39	0.28	0.08	0.34	0.25	0.10	0.09	0.28	0.08	0.12	0.96	0.26	0.05	67.33	0017-1
3424.75	Sltst	0.32	0.24	0.09	0.34	0.26	0.15	0.12	0.35	0.11	0.13	0.97	0.27	0.04	65.33	0018-1
*3443.25	S/Sst	0.29	0.22	0.08	0.36	0.26	0.23	0.09	0.25	0.08	0.10	0.94	0.28	0.08	58.09	0020-1
*3454.00	S/Sst	0.25	0.20	0.08	0.33	0.25	0.29	0.09	0.27	0.08	0.06	0.94	0.25	0.07	61.28	0023-1
3458.00	S/Sst	0.24	0.19	0.09	0.29	0.22	0.21	0.09	0.31	0.08	0.16	0.97	0.23	0.04	64.42	0024-1
*3543.00	S/Sst	0.93	0.48	0.17	0.71	0.41	0.05	0.06	0.08	0.06	0.23	0.95	0.41	0.05	62.34	0096-3
3563.50	Sltst	0.40	0.29	0.11	0.51	0.34	0.26	0.17	0.32	0.14	0.16	0.93	0.35	0.10	60.62	0028-1
3617.15	S/Sst	0.19	0.16	0.08	0.31	0.24	0.27	0.18	0.58	0.15	0.21	0.97	0.25	0.05	66.49	0033-1
*3624.90	S/Sst	0.22	0.18	0.08	0.27	0.21	0.32	0.17	0.61	0.14	0.10	0.95	0.22	0.07	61.72	0034-1

*EOM

Table 12B: Variation in Sterane Distribution (peak height) SIR for Well NOCS 35/10-1

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
1892.50	bulk	0.89	48.16	82.27	1.23	0.83	0.43	0.30	0.70	0.93	4.48	0037-0
*2018.00	Ca	0.90	52.93	82.42	1.18	0.82	0.39	0.27	0.70	1.12	4.98	0057-2
2110.00	Ca	0.87	49.62	81.82	1.31	0.82	0.41	0.27	0.69	0.99	4.47	0060-2
3120.00	Sh/Clst	0.74	47.59	75.11	1.35	0.76	0.52	0.36	0.60	0.91	2.88	0082-1
3132.00	Sh/Clst	0.76	48.58	73.62	1.41	0.74	0.49	0.35	0.58	0.94	2.71	0083-1
3168.00	Sh/Clst	0.78	48.44	73.95	1.29	0.75	0.45	0.32	0.59	0.94	2.75	0086-1
3231.00	Sh/Clst	0.78	47.03	75.79	1.38	0.77	0.40	0.29	0.61	0.89	2.96	0089-1
3282.00	Sh/Clst	0.78	48.40	73.46	1.32	0.74	0.42	0.29	0.58	0.94	2.68	0092-1
3331.00	S/Sst	0.88	51.88	83.45	1.32	0.83	0.57	0.42	0.72	1.08	5.24	0001-1
3334.00	S/Sst	0.89	53.27	84.31	1.21	0.83	0.55	0.40	0.73	1.14	5.75	0004-1
*3342.80	S/Sst	0.84	50.62	79.60	1.02	0.79	0.56	0.42	0.66	1.03	3.95	0005-1
3352.50	S/Sst	0.89	50.80	84.24	1.25	0.84	0.59	0.43	0.73	1.03	5.43	0007-1

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

*EOM

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
3366.50	Coal	0.71	43.88	71.93	0.38	0.74	0.36	0.31	0.56	0.78	2.28	0009-1
*3375.75	S/Sst	0.86	48.86	81.15	1.21	0.81	0.50	0.35	0.68	0.96	4.21	0010-1
3399.80	Coal	0.83	52.59	76.10	1.07	0.75	0.60	0.50	0.61	1.11	3.36	0015-1
3420.00	S/Sst	0.90	57.15	83.27	1.30	0.81	0.62	0.46	0.71	1.33	5.81	0017-1
3424.75	Sltst	0.88	49.39	83.46	1.26	0.84	0.61	0.45	0.72	0.98	4.98	0018-1
*3443.25	S/Sst	0.87	54.76	77.75	1.30	0.76	0.49	0.35	0.64	1.21	3.86	0020-1
*3454.00	S/Sst	0.84	47.74	80.69	1.12	0.81	0.42	0.31	0.68	0.91	4.00	0023-1
3458.00	S/Sst	0.92	51.01	83.24	1.33	0.83	0.67	0.50	0.71	1.04	5.07	0024-1
*3543.00	S/Sst	0.81	52.12	79.20	1.69	0.79	0.70	0.55	0.66	1.09	3.98	0096-3
3563.50	Sltst	0.81	49.23	79.71	0.91	0.80	0.34	0.24	0.66	0.97	3.87	0028-1
3617.15	S/Sst	0.87	49.28	83.49	1.17	0.84	0.54	0.38	0.72	0.97	4.98	0033-1
*3624.90	S/Sst	0.85	43.96	81.82	0.95	0.84	0.33	0.23	0.69	0.78	4.01	0034-1

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

*EOM

Table 12C: Raw GCMS triterpane data (peak height) SIR for Well NOCS 35/10-1

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			
1892.50	bulk	25323.1	17745.7	8933.8	17177.4	7429.1	59283.4	20525.9	32004.0	71942.9	0037-0
		37743.3	8449.0	208258.6	14744.6	75106.1	48455.2	11846.4	54992.8		
		32652.6	37092.0	22492.3	19307.5	13179.2	17389.9	9997.8			
*2018.00	Ca	3237.8	3103.5	1133.7	1677.4	824.3	9734.6	2814.7	4392.7	15768.9	0057-2
		6331.3	1453.8	52140.6	2577.7	15014.8	8143.9	1731.3	10855.9		
		6071.2	6451.5	4332.9	4426.4	2344.1	3230.4	2645.7			
2110.00	Ca	13737.3	10181.3	4148.8	9428.6	3130.3	30500.4	10400.0	18985.7	44391.6	0060-2
		21346.7	5096.0	145158.3	8105.7	48193.4	29070.1	6053.4	32923.0		
		19076.1	22630.5	14116.3	10450.8	6901.1	11216.9	5324.6			
3120.00	Sh/Clst	90695.8	45507.7	28648.2	45164.5	14901.5	103472.5	91216.0	69917.4	290513.6	0082-1
		33507.6	29193.1	675694.9	65304.8	277001.3	183333.2	34677.6	182764.4		
		119066.8	171072.8	112921.1	103067.9	66906.5	114357.5	73479.1			
3132.00	Sh/Clst	88211.1	40582.1	29532.7	48206.0	12772.0	107886.3	97348.0	61406.9	320495.1	0083-1
		39856.5	31754.2	792781.9	74835.3	306481.3	208205.9	41920.9	207342.9		
		134857.6	180088.4	118061.6	112302.0	70179.6	115456.6	71026.4			

*EOM

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			
3168.00	Sh/Clst	89448.5	41671.4	24177.4	72157.7	10383.5	146414.0	144578.7	66442.0	451018.1	0086-1
		64745.6	44248.0	1080837.3	116407.7	443856.9	285344.6	64615.8	256944.8		
		170659.6	171119.1	114261.5	113127.3	74496.0	94834.0	57003.8			
3231.00	Sh/Clst	105878.1	46324.3	19688.0	119280.0	11981.0	310315.8	192892.0	20088.1	667000.1	0089-1
		119290.8	55092.0	1747149.9	171718.5	714710.0	471942.3	92156.0	419632.0		
		278171.0	232087.4	157201.3	140442.0	95471.2	78383.4	45080.0			
3282.00	Sh/Clst	88437.3	38772.6	24168.2	79186.0	12712.0	173337.1	149208.0	42905.7	470955.9	0092-1
		78196.8	44872.0	1201641.9	128192.3	484441.1	314773.4	69987.3	295311.2		
		196707.5	216317.1	137628.5	135591.4	87891.1	110856.4	71554.0			
3331.00	S/Sst	24714.8	15400.4	4132.4	15464.6	2777.3	35721.2	12427.1	8736.9	48002.8	0001-1
		14894.6	3424.5	157840.8	6636.3	44388.1	27097.9	3339.5	23892.7		
		13715.0	12449.8	6503.4	5058.1	3747.7	4147.0	2018.6			
3334.00	S/Sst	17191.6	12043.0	3409.3	11893.3	2981.0	33377.2	12137.6	13005.9	43107.6	0004-1
		18434.8	3977.3	125649.3	5746.1	35857.3	20660.2	3059.3	20018.5		
		10504.0	10816.0	6047.4	4864.6	2932.7	3594.7	1439.1			

*EOM

Table 12C: Raw GCMS triterpane data (peak height) SIR for Well NOCS 35/10-1

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			
*3342.80	S/Sst	3584.7	1464.8	716.3	1435.2	500.4	3322.2	1179.8	1074.9	5892.8	0005-1
		2201.0	647.0	20215.7	830.8	4314.9	3038.3	612.2	3028.0		
		2207.9	1714.6	1252.4	1168.7	916.1	689.1	0.0			
3352.50	S/Sst	19004.6	11320.8	4870.5	11483.5	2184.7	26260.0	8268.5	10390.4	27918.5	0007-1
		12636.4	3017.1	92777.6	4302.7	24161.3	12849.3	1992.3	13149.2		
		6563.6	6606.4	3827.8	2822.0	1948.2	2798.2	1502.9			
3366.50	Coal	63263.6	42623.8	19013.2	434838.0	8192.5	469461.0	807888.0	62052.8	1798940.1	0009-1
		389479.5	134264.5	3963576.8	384364.0	1547154.0	1096253.5	182268.3	965933.3		
		635530.9	429530.4	296739.0	227143.3	152356.6	78826.1	48220.2			
*3375.75	S/Sst	2100.2	1535.6	695.0	1989.6	715.5	5233.9	1340.4	2337.2	5823.5	0010-1
		2549.8	687.9	24272.5	780.4	5929.4	3105.0	771.1	4053.9		
		2295.6	2625.8	1370.0	1242.7	648.5	875.2	617.3			
3399.80	Coal	68402.5	34944.0	19549.0	168268.0	8470.3	247276.8	207510.0	16639.4	447579.8	0015-1
		123132.8	31200.0	1083410.5	76954.4	313960.4	204236.1	32680.9	181475.1		
		116521.6	70996.5	46002.5	29327.0	18879.0	9923.2	5184.3			

*EOM

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			
3420.00	S/Sst	13916.6	8284.8	2757.2	6840.0	1480.7	15333.8	5935.7	6205.5	22525.4	0017-1
		6510.4	1931.4	66853.9	2516.9	16275.5	10367.9	1672.2	8840.9		
		4290.7	4330.4	2638.5	1741.5	1440.1	1631.1	877.8			
3424.75	Sltst	17937.5	11449.6	4898.3	13942.0	2710.9	28332.4	9144.7	11071.6	31388.9	0018-1
		13806.0	2791.2	91156.5	2562.4	21230.4	10933.5	1518.3	12151.3		
		6448.3	6199.7	3774.1	2727.0	1840.0	2311.3	1206.0			
•3443.25	S/Sst	3343.2	1962.5	1035.1	2449.5	815.4	6159.9	1764.7	1836.1	7229.5	0020-1
		4576.2	966.6	20087.7	1311.1	4779.8	3795.8	1052.3	3034.8		
		2189.5	1600.8	1257.1	1461.9	869.5	883.9	704.8			
•3454.00	S/Sst	5600.0	2860.4	1839.2	4843.1	1246.4	18243.4	4469.9	4124.5	15112.9	0023-1
		13084.4	1411.0	45572.7	2856.7	12998.7	10652.3	2553.3	9502.7		
		6004.6	5166.5	2794.4	4155.7	2048.4	2404.8	1223.9			
3458.00	S/Sst	15058.7	9995.4	3873.3	10453.3	2432.5	26478.1	6309.4	5575.6	18231.4	0024-1
		13168.9	1135.6	63912.2	2037.9	14208.6	8004.8	1540.0	9060.4		
		5005.0	4062.8	1971.5	1876.7	1074.3	1482.7	654.1			

*EOM

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			
*3543.00	S/Sst	37028.0	14262.9	5854.5	13544.8	2593.9	13824.8	12795.8	3539.6	42985.3	0096-3
		2793.8	2027.0	60800.3	2929.0	16959.8	20087.0	2112.7	9428.1		
		5695.2	4482.1	3156.9	5512.6	2160.6	3085.5	1546.3			
3563.50	Sltst	72663.2	41386.4	21341.0	38686.1	13648.0	88538.4	35837.8	43200.3	133175.5	0028-1
		66103.4	17918.4	258691.4	19507.6	94247.0	96942.1	20894.5	71194.9		
		46257.0	49638.8	31094.6	29686.6	20216.8	23855.8	11955.9			
3617.15	S/Sst	18879.5	14624.0	4271.9	13588.0	3022.4	32361.2	6131.0	12484.0	21473.1	0033-1
		18586.3	1764.9	68570.7	2340.3	14979.2	8662.5	2864.4	8553.9		
		4311.2	4400.1	2602.2	1998.6	1453.8	1754.1	1032.7			
*3624.90	S/Sst	7395.9	4425.3	2173.6	5674.8	1335.6	19181.4	4138.1	7476.8	12186.7	0034-1
		14255.5	1362.4	44706.3	2385.2	10951.7	6845.8	2623.5	7525.8		
		4668.5	4854.3	2751.8	3438.7	1637.1	2768.2	1520.6			

*EOM

Table 12D: Raw GCMS sterane data (peak height) SIR for Well NOCS 35/10-1

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					
1892.50	bulk	55542.4	14951.4	82996.5	53045.6	20884.0	18541.6	35877.9	22363.6	18284.9	0037-0
		61718.8	39334.8	10612.5	43934.1	13117.5	10014.6	23499.9	35335.2		
		6210.4	13302.2	32992.9	31091.9	14319.5					
*2018.00	Ca	7188.8	2506.2	14948.1	8294.8	2122.4	2306.0	5121.3	3002.9	2253.1	0057-2
		11003.9	5679.9	1715.0	6950.9	1931.7	1463.0	3549.9	4270.7		
		910.7	2385.7	5670.3	4897.9	2121.6					
2110.00	Ca	27367.5	8273.1	52407.0	32524.9	12070.0	10323.9	21036.7	12341.1	10157.6	0060-2
		36423.5	25288.5	7494.6	26156.0	6965.4	5843.8	12505.3	22192.2		
		4179.4	7748.6	19045.0	16098.8	7866.3					
3120.00	Sh/Clst	199776.6	70831.0	195518.6	120373.6	48754.0	45428.9	86742.4	58673.7	77204.4	0082-1
		120586.7	102707.1	70342.7	76003.2	30195.8	47853.0	76588.5	81213.0		
		38046.0	46846.4	77177.5	71342.0	51582.2					
3132.00	Sh/Clst	169196.2	60089.7	190970.4	122435.4	47146.1	48041.6	81785.6	53831.9	67817.3	0083-1
		117274.4	93050.4	60934.3	76669.9	28392.7	36583.6	68237.3	71433.9		
		32466.6	47989.7	72609.9	65241.3	50794.6					

*EOM

Table 12D: Raw GCMS sterane data (peak height) SIR for Well NOCS 35/10-1

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					
3168.00	Sh/Clst	164097.0	51640.0	193083.2	120908.5	46856.9	50733.5	79513.9	51031.9	61176.0	0086-1
		135784.3	102322.8	55486.7	92249.6	34652.0	30971.1	57286.2	70267.7		
		26528.8	52326.3	81576.5	71738.0	55691.4					
3231.00	Sh/Clst	160518.9	59513.4	219949.2	133462.5	54933.2	56347.1	64780.2	39439.0	71474.8	0089-1
		152880.8	120816.8	63405.5	92685.5	34159.0	32619.4	56587.5	69475.5		
		22872.8	59630.3	103860.7	94635.9	67150.2					
3282.00	Sh/Clst	147681.7	53538.6	210606.3	126486.9	52068.0	53591.9	83665.5	52338.8	70351.2	0092-1
		142673.8	101969.8	59508.8	96609.4	35301.8	36074.5	60248.7	70616.0		
		29340.2	57395.2	87390.6	76705.3	61184.7					
3331.00	S/Sst	44486.6	12024.9	44365.9	25008.6	7885.6	7386.8	13955.5	7345.5	8025.0	0001-1
		27773.9	24056.8	6192.6	22674.3	6558.7	4956.2	7165.4	21371.8		
		2934.8	6182.4	16628.9	13404.9	5733.5					
3334.00	S/Sst	43568.8	10770.2	40663.6	24015.7	8746.1	8134.2	15060.2	7708.9	7782.0	0004-1
		29623.5	22362.8	4774.4	22073.3	5661.8	4901.2	10308.6	22212.4		
		2643.1	6372.2	17670.0	14457.9	5589.7					

*EOM

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					
*3342.80	S/Sst	4674.4	1272.3	3359.3	2001.0	850.5	778.6	1563.5	743.2	878.1	0005-1
		3130.9	1984.0	631.6	1847.8	699.2	404.0	1200.5	1745.6		
		461.1	787.9	1323.4	1713.2	768.5					
3352.50	S/Sst	38403.4	9320.6	34857.0	21831.9	6756.0	6705.4	15548.4	7003.8	6430.4	0007-1
		24579.9	19507.9	4240.5	18048.7	5101.3	3549.3	8228.3	16643.6		
		2416.4	4517.0	12806.4	10958.4	4375.4					
3366.50	Coal	224110.9	75045.3	53172.9	34111.6	17759.3	14124.0	38025.2	28592.0	31907.5	0009-1
		118418.5	56661.1	21360.3	111168.1	33555.5	31663.5	53203.5	84007.4		
		26957.7	100149.3	155180.0	137180.0	128063.3					
*3375.75	S/Sst	5259.2	1675.5	7102.1	3741.9	1558.0	920.0	2309.6	1314.5	1267.0	0010-1
		5204.5	3711.5	1187.2	3158.7	1163.5	779.5	1506.5	2223.5		
		446.0	1054.6	2690.5	1954.5	1103.9					
3399.80	Coal	123142.3	39156.6	48932.6	32600.4	13399.6	13527.0	22813.9	15088.0	13831.0	0015-1
		40360.9	26328.9	10082.4	32969.4	10998.1	8951.8	17101.5	25258.6		
		7516.7	22039.1	36649.5	30053.7	19866.1					

*EOM

Table 12D: Raw GCMS sterane data (peak height) SIR for Well NOCS 35/10-1

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					
3420.00	S/Sst	29806.0	6539.6	23303.3	14007.2	4226.6	3664.9	7891.9	4116.8	4188.3	0017-1
		15246.9	12989.2	2732.9	11929.7	2553.5	2641.0	5090.4	10432.0		
		1573.4	3628.2	8768.7	7028.7	2720.7					
3424.75	Sltst	44569.1	11181.1	37850.0	22875.7	7201.5	7180.8	14004.1	7986.3	7702.4	0018-1
		26520.7	20138.1	5051.8	19646.0	4875.7	3432.0	8356.9	17968.6		
		3071.3	5099.5	13645.1	12399.7	5225.5					
*3443.25	S/Sst	5579.0	1265.5	7957.8	4299.8	1649.1	1579.2	2444.2	1186.2	1437.2	0020-1
		5493.2	3004.8	1187.4	3668.4	1151.6	1049.1	1595.9	2552.9		
		786.2	1447.5	2516.8	2102.1	1195.7					
*3454.00	S/Sst	8649.9	2470.8	14986.5	7261.5	2339.4	2729.0	4372.1	2871.7	2799.9	0023-1
		11521.3	4522.4	2767.7	7864.3	2047.2	1571.6	3053.5	4680.1		
		791.7	2342.7	5340.5	4911.1	2564.8					
3458.00	S/Sst	35408.8	9412.2	29847.6	18168.8	6058.3	5573.1	10446.0	5328.7	4825.0	0024-1
		20223.5	14666.0	2750.9	14963.4	4211.9	2986.0	5447.0	11733.8		
		1454.3	3223.5	8271.3	7418.7	3095.9					

*EOM

Table 12D: Raw GCMS sterane data (peak height) SIR for Well NOCS 35/10-1

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					
*3543.00	S/Sst	40701.0	11967.8	32178.7	16674.3	4711.4	5198.2	10456.8	5045.5	7566.5	0096-3
		17485.4	11161.9	7652.5	8760.6	2614.5	3333.7	5887.4	8204.1		
		2596.6	4146.5	8247.0	6895.0	3809.2					
3563.50	Sltst	90322.0	30319.3	122240.8	79226.9	27471.8	30637.5	62829.7	36964.1	38309.8	0028-1
		117181.4	68514.9	28572.7	89273.0	27056.0	24475.8	51622.0	75746.0		
		17369.7	38473.0	81712.8	71838.2	39683.2					
3617.15	S/Sst	50866.0	11121.4	53486.9	31552.6	11023.0	9660.7	22269.9	12896.7	10098.5	0033-1
		38332.4	28572.4	7849.7	31770.4	7311.5	6533.9	12916.9	27590.1		
		3522.0	7412.8	20862.7	17161.1	7630.1					
*3624.90	S/Sst	14975.5	3033.4	29179.0	15804.5	4838.9	4639.6	11917.6	6640.7	6816.9	0034-1
		26349.4	12251.2	5284.4	18819.1	4104.9	3902.3	7820.5	13010.5		
		2630.3	4953.3	13770.5	11585.4	6315.7					

*EOM