TOTAL MATERIAL COST AND CONSUMPTION

OPERATOR: STATOIL RIG: DEEPSEA BERGEN WELL: 15/12-7

PRODUCT	UNIT SIZE	UNIT COST NOK	USED	COST NOK
BARITE	M.T.	645,00	1192	768.840,00
BENTONITE	M.T	1.716,00	65	111.540,00
SODA ASH	KG	2,31	2820	6.514,20
CMC EHV	KG	14,56	6975	101.556,00
LIME	KG	1,56	3460	5.397,60
IRONITE SPONGE	KG	24,77	341	8.446,57
GYPSUM	KG	1,62	33475	54.229,50
ANCOCIDE	KG	16,22	825	13.381,50
CELPOL LV	KG	32,28	22250	718.230,00
CELPOL REG	KG	32,28	6825	220.311,00
SOD. BICARB	KG	3,31	2000	6.620,00
DESCO CF	KG	19,68	806	15.862,08
DRISPAC SLo	KG	35,85	1543	55.316,55
IMCOSPOT	KG	35,44	4560	161.606,40
PIPELAX	LTR	29,18	1600	46.688,00
BENTONITE	KG	2,16	2100	4.536,00
DEFOAMER	KG	15,55	50	777,50
SPERCELL FE	KG	3,77	6975	26.295,75
CAUST. LIGNITE	KG	3,89	4925	19.158,25
ANCORESIN	KG	12,46	3000	37.380,00
ANCOTEMP	KG	90,37	1525	137.814,25
CAUSTIC SODA	KG	3,69	25	92,25
TOTAL COST				2.520.593,40

WELL MUD VOLUME DISTRIBUTION SUMMARY

Well: 15/12-7 Rig: Deep Sea Bergen

All volumes in m^3

Hole Size	Hole from-to	Hole length	Mud/brine built/RCVO m^3 68 **	Dumped/ sub surface loss m^3	Lost to formation m^3	Lost over solids control equipment m^3	Mud left between csg/csg m^3	Cuttings volume drilled m^3	Mud transf. to next sec	Mud type used for interval
36"	108-173 m	65 m	224	11	198 *	0	0	40	83	Seawater/ Bentonite slugs
26"	173-620 m	447 m	599	0	632 *	0	0	153	50	Seawater/ CMC EHV
17 1/2"	620-1820 m	1200 m	1516	717	0	409	59	186	381	Gyp/PAC
12 1/4"	1820 - 3027 m	1207 m	1164	377	0	891	37	92	240	Gyp/PAC
8 1/2"	3027- 3570 m	543 m	475	289	0	104	0	20	322	Gel/polym Ligno
P & A	-	-	63	283	0	13	89	-	0	Gel/polym Ligno

** Mud left over from previous well * Returns to seabed

Totals: Safemul OBM		m^3
Mud/Brine built/RCVD	4041	m^3
Mud/Brine dumped	1677	m^3
Mud/Brine lost to formation	0	m^3
Mud/Brine lost over solids control equipment	1417	m^3
Mud/Brine left between csg/csg	96	m^3

Total Mud/Brine left in hole/+ between csg/csg:	185	m^3
Total Mud/Brine to sea:	3924	m^3
Total cuttings volume drilled:	491	m^3

STATOIL WELL NO. 15/12-7 DEEPSEA BERGEN

DRILLING MUD PROPERTIES RECORD

MUDSYSTEM: SW/GEL SLUGS SECTION: 36"

DAY No.	DATE 1990	DEPTH mtrs.	HOLE SIZE inch	M.W. S.G.	F.V. s/qt	600	300	200	100	60	30	6	3	A.V. cps	P.V. cps	Y.P. Pa	GELS Pa 10sec	GELS Pa 10min	pH	API mls	Pf/Mf	Cl- mg/l	TOT.H. mg/l	SOLIDS vol%	OIL vol%	SAND vol%	M.B.T. kg/m3	EX.GYP kg/m3
1	11/06/1990	168	36	1.07	110																							
2	11/07/1990	173	36	1.07	110																							

STATOIL WELL NO. 15/12-7 DEEPSEA BERGEN

DRILLING MUD PROPERTIES RECORD

MUDSYSTEM: SW/CMC EHV SECTION: 26"

DAY No.	DATE 1990	DEPTH mtrs.	HOLE SIZE inch	M.W. S.G.	F.V. s/qt	600	300	200	100	60	30	6	3	A.V. cps	P.V. cps	Y.P. Pa	GELS Pa 10sec	GELS Pa 10min	pH	API mls	Pf/Mf	Cl- mg/l	TOT.H. mg/l	SOLIDS vol%	OIL vol%	SAND vol%	M.B.T. kg/m3	EX.GYP kg/m3
3	11/08/1990	438	9.875	1.1	60	39	24							19.5	15	4.5			9.4									
4	11/09/1990	321	26	1.1	65	47	29	21	12			1	1	23.5	18	5.5			10									
5	11/10/1990	620	26	1.1	66	50	31	20	13			1	1	25	19	6			9.7									
6	11/11/1990	620	MIXING GYP/PAC MUD FOR 17 1/2" SECTION																									

STATOIL WELL NO: 15/12-7 DEEPSEA BERGEN

DRILLING MUD PROPERTIES RECORD

MUDSYSTEM: GYP/PAC SECTION: 17 1/2"

DAY No.	DATE 1990	DEPTH mtrs.	HOLE SIZE inch	M.W. S.G.	F.V. s/qt	600	300	200	100	60	30	6	3	A.V. cps	P.V. cps	Y.P. Pa	GELS Pa 10sec	GELS Pa 10min	pH	API mls	Pf/Mf	Cl- mg/l	TOT.H. mg/l	SOLIDS vol%	OIL vol%	SAND vol%	M.B.T. kg/m3	EX.GYP kg/m3
6	11/11/1990	620	17.5	1.2	70	41	25	19	11	8	4	1	1	20.5	16	4.5	1	1	8.9	7.8	.05/.3	21000	5120	6	0	0	0	5.9
7	11/12/1990	895	17.5	1.2	65	39	24	17	10			1	1	19.5	15	4.5	1	1	9.1	5	.04/.32	21500	4440	7.5	0	1.5	3	6.7
8	11/13/1990	1528	17.5	1.22	57	40	25	19	12	9	6	3	2	20	15	5	3	11	8.1	5.5	0/.35	20500	3760	11	0	1	62	7
9	11/14/1990	1820	17.5	1.35	55	48	28	22	13	6	4	3	2	24	20	4	1.5	6	8.4	4.7	.05/.35	21000	4920	14	0	.5	60	4.9
10	11/15/1990	1820	17.5	1.35	49	43	26	19	9	8	4	3	2	21.5	17	4.5	1.5	5	8.1	4.9	.05/.3	21500	4350	14	0	.75	57	5.9
11	11/16/1990	1820	17.5	1.35	51	34	21	13	8	7	3	2	1	17	13	4	1	4	8.2	4.8	.05/.3	21500	4600	14	0	.25	54	6.2
12	11/17/1990	1820	17.5	1.35	49	36	22	13	8	7	3	2	1	18	14	4	1	4	8.1	5	.05/.3	21500	4600	14	0	.5	54	6.2

STATOIL WELL NO: 15/12-7 DEEPSEA BERGEN

DRILLING MUD PROPERTIES RECORD

MUDSYSTEM: GYP/PAC SECTION: 12 1/4

DAY No.	DATE 1990	DEPTH mtrs	HOLE SIZE inch	M.W. S.G.	F.V. s/qt	600	300	200	100	60	30	6	3	A.V. cps	P.V. cps	Y.P. Pa	GELS Pa 10sec	GELS Pa 10min	pH	API mls	HTHP mls	Pf/Mf	Cl- mg/l	TOT.H. mg/l	SOLIDS vol%	OIL vol%	SAND vol%	M.B.T. kg/m3	EX.GYP kg/m3
13	11/18/1990	1907	12.25	1.45	50	46	28	18	10	8	5	2	1	23	18	5	1	5	8.3	4.9		.05/.3	21500	4240	16	0	1	57	7.2
14	11/19/1990	2047	12.25	1.51	47	48	29	19	10	8	4	2	1	24	19	5	1	4	8	5	32	0/.4	22500	4320	20	0	.5	56	5.6
15	11/20/1990	2398	12.25	1.6	47	62	37	25	15	11	7	2	1	31	25	6	1	9	7.9	4.2	26	0/.4	22500	3720	22	0	.25	58	5.4
16	11/21/1990	2498	12.25	1.6	48	61	37	29	19	16	12	5	4	30.5	24	6.5	2	19	7.7	5.2	29	0/.5	22500	4200	22	0	.5	60	4.5
17	11/22/1990	2527	12.25	1.6	48	66	41	32	21	17	13	6	5	33	25	8	3	21	7.7	5.6	27	0/.3	22000	4200	22	0	0	65	4.5
18	11/23/1990	2563	12.25	1.6	52	64	39	30	20			7	6	32	25	7	2	20	7.7	5.4	26	0/.35	22000	4400	22	0	.2	59	5.3
19	11/24/1990	2619	12.25	1.6	46	53	32	24	15			7	5	26.5	21	5.5	1.5	15	7.8	5.7	31	0/.5	23000	4120	22	0	.2	50	5.4
20	11/25/1990	2638	12.25	1.6	47	60	35	25	15	11	7	2	1	30	25	5	1	9	8.2	4.6	20	.05/.6	23000	4280	22	0	.2	51	5.6
21	11/26/1990	2735	12.25	1.6	47	64	38	29	17	12	8	3	2	32	26	6	1	7	7.5	3.4	21	0/.35	23500	4280	22	0	.2	50	5.8
22	11/27/1990	2761	12.25	1.6	47	62	36	25	15	11	7	3	2	31	26	5	1	8.5	7.6	3.5	22	0/.4	23000	4120	22	0	0	50	4.6
23	11/28/1990	2781	12.25	1.6	65	76	45	43	22	18	13	5	4	38	31	7	2	18	7.5	4	22	0/.4	23000	4160	22	0	0	50	4.4
24	11/29/1990	2834	12.25	1.6	55	69	41	30	18	14	9	4	3	34.5	28	6.5	2	9	7.8	3.8	20	0/.35	22500	4200	23	0	TR	55	5.7
25	11/30/1990	2857	12.25	1.6	48	65	38	29	17	12	8	3	2	32.5	27	5.5	1	6	7.3	3.8	18	0/.3	22500	4120	23	0	0	48	5.7
26	12/01/1990	2917	12.25	1.6	47	65	38	27	17	12	8	3	2	32.5	27	5.5	1.5	8	7.6	3.4	16	0/.4	22000	4400	22	0	.25	50	5.3
27	12/02/1990	2917	12.25	1.6	60	69	41	31	19	13	9	3	2	34.5	28	6.5	1.5	9.5	7.7	3.2		0/.4	22000	4360	23	0	TR	45	5.4
28	12/03/1990	2933	12.25	1.6	60	66	39	30	19	14	9	3	3	33	27	6	1.5	8.5	7.7	3.4	14	0/.5	22500	4160	22	0	.25	49	4.7
29	12/04/1990	2980	12.25	1.6	63	75	46	35	23	18	12	6	5	37.5	29	8.5	2.5	19	7.7	3.9	18	0/.5	24000	4160	23	0	.2	51.5	5.5
30	12/05/1990	3027	12.25	1.6	54	64	39	30	20	15	10	4	3	32	25	7	1.5	16	7.4	4.9	18	0/.6	22500	4360	22.5	0	.25	53	5.5
31	12/06/1990	3027	12.25	1.6	60	66	40	30	20	15	10	6	4	33	26	7	2	18	7.5	4.7	18	0/.5	22000	4400	22.5	0	.5	53	5.3
32	12/07/1990	3027	12.25	1.6	51	49	29	23	15	12	9	7	4	24.5	20	4.5	4	22	7	5.4	33	0/1.1	24000	4560	22	TR	.25	49	6.1
33	12/08/1990	3027	12.25	1.6	58	55	32	24	15	12	8	4	3	27.5	23	4.5	1	19	7.7	4.4	21	0/.6	22000	4560	22	0	TR	50	6.1
34	12/09/1990	3027	12.25	1.6	60	61	36	26	17			6	4	30.5	25	5.5	2.5	16	7.6	4.3		0/.6	22000	4320	22	TR	TR	50	5.5
35	12/10/1990	3027	12.25	1.54	58	46	26	19	11	8	6	2	1	23	20	3	1	4	7.9	3.8	15	0/.6	21000	4200	20.5	0	TR	44	5.6
36	12/11/1990	3027	12.25	1.54	59	54	31	21	13	9	6	2	1	27	23	4	1	6	8	4	32	0/.6	20500	4080	20	0	.3	46	2.3

STATOIL WELL NO: 15/12-7 DEEPSEA BERGEN

DRILLING MUD PROPERTIES RECORD

MUDSYSTEM: GEL/LIGNO/LIGNITE/RESIN/DESCO/ANCO TEMP SECTION: 8.5"

DAY No.	DATE 1990	DEPTH mtrs	HOLE SIZE inch	M.W. S.G.	F.V. s/qt	600	300	200	100	60	30	6	3	A.V. cps	P.V. cps	Y.P. Pa	GELS Pa 10sec	GELS Pa 10min	pH	API mls	HTHP mls	Pf/Mf	Cl- mg/l	TOT.H. mg/l	SOLIDS vol%	OIL vol%	SAND vol%	M.B.T. kg/m3	EX.GYP kg/m3
37	12/12/1990	3027	CSG	1.54	61	54	31	21	13	9	6	2	1	27	23	4	1	5	7.9	4.1	29	0/.6	21000	4100	20	TR	.3	45	3
38	12/13/1990	3027	CSG	1.54	62	54	30							27	24	3	1	4	7.8	4.2		0/.6	21000	4100	20	TR	.3	45	3
39	12/14/1990	3027	CSG	1.54	45	36	22	17	11			4	4	18	14	4	1.5	18	9.5	6.2		0/.6	21000	4100	20	TR	.5	45	3
40	12/15/1990	3027	CSG	1.54	45	36	22	17	11	9	7	4	4	18	14	4	1.5	18	9.5	6.2		0/.6	21000	4100	20	TR	.5	45	3
41	12/16/1990	3027	CSG	1.54	43	35	22	16	11	8	7	4	3	17.5	13	4.5	1.5	17	9.3	6.2		0/.6	21000	4100	20	TR	.5	45	3
42	12/17/1990	3027	CSG	1.46	53	40	32	23	18	17	14	9	8	20	8	12	7.5	11.5	12	NC		1.2/1.5	21000	3000	20	TR	1	40	2.2
43	12/18/1990	3055	8.5	1.3	61	62	37	28	17	13	8	3	2	31	25	6	2.5	27	9.2	5	18.8	.15/.8	3500	160	13	0	1.25	57	
44	12/19/1990	3178	8.5	1.31	63	85	50	28	22	17	10	3	2	42.5	35	7.5	2	14	9.5	4.6	17	.25/.85	4500	120	13	0	.5	64	
45	12/20/1990	3240	8.5	1.3	89	94	57	42	25	18	12	5	4	47	37	10	2	13	9.3	3.8	16	.15/.7	4400	120	13	0	.5	60	
46	12/21/1990	3379	8.5	1.31	64	89	51	37	22	15	9	4	3	44.5	38	6.5	2	15	9.8	3.8	17	.25/1.0	4900	140	14	0	.5	65	
47	12/22/1990	3475	8.5	1.31	61	82	47	34	20	15	9	3	2	41	35	6	2	10	9.6	4.4	16	.20/.85	5400	160	16	0	.25	64	
48	12/23/1990	3570	8.5	1.31	94	104	60	42	24	16	10	4	3	52	44	8	2	15	9.4	4.8	16	.20/1.0	5300	120	16	0	.25	64	
49	12/24/1990	3570	8.5	1.3	100	87	49	35	20	14	9	4	3	43.5	38	5.5	2.5	11	9.6	4.5	16	.25/1.4	5850	160	16	0	.25	64	
50	12/25/1990	3570	8.5	1.3	68	70	39	29	17	11	9	4	3	35	31	4	2	9	9.5	3.9	14	.25/1.3	6000	160	14	0	.5	61	
51	12/26/1990	3570	8.5	1.3	60	55	31	22	14	9	6	3	2	27.5	24	3.5	2	5	9.4	3.5	13	.40/2.0	6200	240	15	0	.5	65	
52	12/27/1990	3570	8.5	1.31	75	56	31	23	14	10	6	3	2	28	25	3	1.5	5	9.3	3	13	.25/2.0	6400	240	14	0	.25	64	
53	12/28/1990	3570	8.5	1.3	69	50	28	19	11	9	5	2	1	25	22	3	1	4	9.6	3.6	13	.40/2.2	6400	200	14	0	.25	64	
54	12/29/1990	3570	8.5	1.3	78	40	22	16	10	8	5	2	1	20	18	2	1	4	9.7	3.2	13	.40/2.3	6400	200	14	0	.25	64	
55	12/30/1990	3570	8.5	1.3	93	45	26	18	10	8	5	2	1	22.5	19	3	1.5	5	9.8	3	12	.40/2.4	6500	200	14	0	.25	64	

U-655 .3

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Report no. GEOLAB	
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SECTOR FOR PETROLEUM TECHNOLOGY
Geological laboratories

Grading

Title	
Geochemical Analysis Report. Well NOCS 15/12-7.	
Requested by **LET-S SN**	Project **Geochemistry**
Date **May 1991**	No. of pages **35** / No. of enclosures **6**

BA91-1172-1

13 JUNI 1991

REGISTRERT
OLJEDIREKTORATET

Key words	**Geochemistry, source rock evaluation, maturation 15/12-7.**

Prepared by	Approved by
GEOLAB NOR Trondheim	31/05-91 D. Renshaw, Staff Geologist. 31/5-91 for K. Knudsen, Section Manager. (p.t.) 31.05.91 T. Meyer, Department Manager.
Text operator	

6.02.14

GEOLAB NOR

GEOCHEMICAL ANALYSIS REPORT

Well NOCS 15/12-7

Client: Statoil

Author: Ian L. Ferriday
Sunil Bharati

Geolab Nor A/S
Hornebergveien 5
7038 Trondheim
Norway

Date : 14.05.91

GEOLAB NOR

INTRODUCTION

A total of sixty-two sidewall-core and core-chip samples covering the interval 2383 - 3410.5 m of well NOCS 15/12-7 were analysed. Screening analyses (TOC and Rock-Eval) were performed on all samples, the results of which were used to choose samples for follow-up analysis (see below). In addition, cuttings samples were provided covering the interval 1000 - 2350 m for maturity trend analysis by vitrinite reflectance.

Pyrolysis - gas chromatography	9 samples
Thermal extraction - gas chromatography	13 samples
Solvent extraction	9 samples
Whole extract - gas chromatography	9 samples
Gas chromatography of saturated and aromatic hydrocarbons	9 samples
Gas chromatography/mass spectrometry of saturated hydrocarbons	9 samples
Carbon isotope analysis of EOM and 4 fractions	6 samples
Carbon isotope analysis of kerogen	5 samples
Vitrinite reflectance	22 samples
Visual kerogen, spore colour index	7 samples

GEOLAB NOR

Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
1000.00							0063
		75	Sh/Clst:	lt gy, pyr			0063-1L
		25	S/Sst :	w to lt gy to m gy, crs, l			0063-2L
		tr	Cont :	prp			0063-3L
1010.00							0064
		85	Sh/Clst:	lt gy to lt or gy			0064-1L
		10	S/Sst :	w to lt gy to m gy, crs, l			0064-2L
		5	Cont :	dd, prp			0064-3L
1090.00							0065
		80	Sh/Clst:	lt bl gy to lt gy to m gy, pyr			0065-1L
		15	S/Sst :	w to lt gy to m gy, crs, l			0065-2L
		5	Ca :	lt or, fos			0065-3L
1100.00							0066
		80	Sh/Clst:	lt bl gy to lt gy to m gy, pyr			0066-1L
		15	S/Sst :	w to lt gy to m gy, crs, l			0066-2L
		5	Ca :	lt or, fos			0066-3L
1190.00							0067
		95	Sh/Clst:	lt gy to m gy			0067-1L
		5	S/Sst :	w to lt gy to m gy, crs, l			0067-2L
		tr	Cont :	prp			0067-3L

GEOLAB NOR

Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1200.00								0068
			95	Sh/Clst:		lt gy to m gy to pl y brn		0068-1L
			5	S/Sst	:	w to lt gy to m gy, crs, l		0068-2L
			tr	Cont	:	prp		0068-3L
1290.00								0069
			100	Sh/Clst:		lt brn gy to brn gy to drk y brn		0069-1L
1300.00								0070
			100	Sh/Clst:		lt brn gy to brn gy to drk y brn		0070-1L
1390.00								0071
			80	Sh/Clst:		dsk brn		0071-1L
			20	Sh/Clst:		lt bl gy to lt gy to m gy		0071-2L
			tr	Cont	:	prp		0071-3L
1400.00								0072
			80	Sh/Clst:		dsk brn		0072-1L
			20	Sh/Clst:		lt bl gy to lt gy to m gy		0072-2L
			tr	Ca	:	w to lt or		0072-3L
			tr	Cont	:	prp		0072-4L
1490.00								0073
			55	Sh/Clst:		lt gy to lt brn gy		0073-2L
			45	Sh/Clst:		dsk brn to drk y brn		0073-1L
			tr	S/Sst	:	w to lt gy, crs, l		0073-3L
			tr	Cont	:	prp		0073-4L

GEOLAB NOR

Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
1500.00							0074
		70	Sh/Clst:		dsk brn to drk y brn		0074-1L
		30	Sh/Clst:		lt gy to lt brn gy		0074-2L
		tr	S/Sst	:	w to lt gy, crs, l		0074-3L
		tr	Cont	:	prp		0074-4L
1590.00							0075
		60	Sh/Clst:		dsk brn to drk y brn		0075-1L
		40	Sh/Clst:		lt bl gy to lt gy to lt brn gy		0075-2L
		tr	Ca	:	lt or, fos		0075-3L
		tr	Cont	:	prp		0075-4L
1600.00							0076
		70	Sh/Clst:		dsk brn to drk y brn		0076-1L
		30	Sh/Clst:		lt bl gy to lt gy to lt brn gy		0076-2L
		tr	Ca	:	lt or, fos		0076-3L
		tr	Cont	:	prp		0076-4L
1690.00							0077
		100	Sh/Clst:		lt gy to lt brn gy to brn gy to drk y brn to dsk brn		0077-1L
		tr	Ca	:	lt or, fos		0077-2L
		tr	Cont	:	prp		0077-3L
1700.00							0078
		95	Sh/Clst:		lt gy to lt brn gy, calc		0078-1L
		5	Sh/Clst:		brn gy to dsk brn		0078-2L
		tr	S/Sst	:	lt gy to m gy, crs, l		0078-3L
		tr	Ca	:	lt or, fos		0078-4L
		tr	Cont	:	prp		0078-5L

GEOLAB NOR

Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth		Type		Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description				
1790.00								0079
			90	Sh/Clst:		lt gy to lt brn gy		0079-1L
			10	Sh/Clst:		brn gy to dsk brn, mic		0079-2L
			tr	S/Sst	:	w to lt gy, crs, l		0079-3L
			tr	Ca	:	lt or, fos		0079-4L
			tr	Cont	:	prp		0079-5L
1800.00								0080
			95	Sh/Clst:		lt gy to lt brn gy		0080-1L
			5	Sh/Clst:		brn gy to dsk brn, mic		0080-2L
			tr	S/Sst	:	w to lt gy, crs, l		0080-3L
			tr	Ca	:	lt or, fos		0080-4L
			tr	Cont	:	prp		0080-5L
1890.00								0081
			100	Sh/Clst:		brn gy		0081-1L
			tr	Ca	:	lt or to or gy		0081-2L
			tr	S/Sst	:	lt gy to m gy, crs, l		0081-3L
			tr	Cont	:	prp		0081-4L
1900.00								0082
			100	Sh/Clst:		brn gy		0082-1L
			tr	Ca	:	lt or to or gy		0082-2L
			tr	Cont	:	prp		0082-3L
1990.00								0083
			100	Sh/Clst:		brn gy		0083-1L
			tr	Ca	:	lt or to or gy		0083-2L
			tr	S/Sst	:	lt gy, crs, l		0083-3L
			tr	Cont	:	prp		0083-4L

GEOLAB NOR

Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description			
2000.00						0084
		100	Sh/Clst:	brn gy to drk y brn		0084-1L
		tr	Ca :	lt or to or gy		0084-2L
		tr	Cont :	prp		0084-3L
2090.00						0085
		90	Sh/Clst:	brn gy to m gy		0085-1L
		10	Ca :	lt or to or gy to m brn to drk y brn, sil		0085-2L
		tr	Cont :	prp		0085-3L
2100.00						0086
		90	Sh/Clst:	brn gy to m gy		0086-1L
		10	Ca :	lt or to or gy to m brn to drk y brn, sil		0086-2L
		tr	Cont :	prp		0086-3L
2190.00						0087
		85	Sh/Clst:	m gy to m gn gy		0087-1L
		10	Sh/Clst:	lt brn gy to brn gy to gy brn		0087-2L
		5	Cont :	dd, prp		0087-3L
2200.00						0088
		90	Sh/Clst:	m gy to m gn gy		0088-1L
		10	Sh/Clst:	lt brn gy to brn gy to gy brn		0088-2L
		tr	Cont :	dd, prp		0088-3L

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Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
2290.00							0089
		100	Sh/Clst:		m gy to drk gy to brn gy to gy brn		0089-1L
		tr	Ca	:	lt or to or gy		0089-2L
		tr	S/Sst	:	w to lt or, f, kln		0089-3L
2300.00							0090
		95	Sh/Clst:		lt gy to gn gy		0090-1L
		5	Sh/Clst:		gy brn to pl brn		0090-2L
		tr	Cont	:	prp		0090-3L
2383.00	swc						0027
	0.52	100	Sh/Clst:		ol gy to lt ol gy, mrl		0027-1L
2390.00	swc						0028
	1.40	100	Sh/Clst:		brn blk		0028-1L
2408.00	swc						0029
	1.37	100	Sh/Clst:		drk gy to brn blk		0029-1L
2422.00	swc						0030
	1.16	100	Sh/Clst:		drk gy to brn blk		0030-1L
2437.00	swc						0031
	0.83	100	Sh/Clst:		drk gy to brn blk		0031-1L

GEOLAB NOR

Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age / Lithology description	Trb	Sample
2459.00								0046
		0.71	100	Sh/Clst		lt gy to lt bl gy to brn gy, pyr		0046-1L
3009.00								0047
		1.36	50	Sh/Clst		gn gy to m gy to brn blk, calc		0047-1L
			30	Ca		w		0047-2L
			15	Sh/Clst		brn to brn gy to gy brn, slt, calc		0047-3L
			5	Marl		gy pi to lt brn		0047-4L
			tr	Sltst		lt brn gy to brn gy		0047-5L
3020.50	swc							0033
		3.39	100	Sh/Clst		drk gy to brn blk		0033-1L
3025.50	swc							0032
		0.22	100	S/Sst		m gy to brn gy, crs, l, st		0032-1L
3028.15	ccp				Sst			0001
		0.10	100	S/Sst		w, f, hd		0001-1L
3028.35	ccp				Sst			0002
		21.57	100	Coal		blk, s		0002-1L
			tr	S/Sst		lt gy, crs, l		0002-2L
3028.70	ccp				Sst			0003
		0.34	100	S/Sst		lt gy to lt brn gy, cly, crs, l, st		0003-1L

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Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3029.30	ccp			Sst			0004
7.01		100	Sh/Clst	:	dsk brn to m brn gy, hd, wx		0004-1L
3029.50	ccp			Sst			0005
26.29		100	Sh/Clst	:	dsk brn to brn blk, hd, wx		0005-1L
3029.55	ccp			Sst			0006
34.69		100	Coal	:	brn blk to dsk brn to blk, hd, wx, s		0006-1L
3032.35	ccp			Sst			0007
0.11		100	S/Sst	:	w to lt gy to lt brn gy, crs, hd		0007-1L
		tr	Coal	:	blk		0007-2L
3032.50	ccp			Sst			0008
0.18		100	Sh/Clst	:	m gy to brn gy, wx, mic		0008-1L
3033.25	ccp			Sst			0009
0.13		100	S/Sst	:	lt gy to brn gy to m gy, crs, hd, st		0009-1L
3034.45	ccp			Sst			0010
0.05		100	S/Sst	:	lt gy to brn gy, crs, cly		0010-1L

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Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3035.30	ccp			Sst			0011
	0.11	100	Sltst	: lt gn gy to drk gn gy, s			0011-1L
3035.70	ccp			Sst			0012
	0.09	100	Sltst	: lt gn gy to drk gn gy, s			0012-1L
3037.90	ccp			Sst			0013
	0.10	100	S/Sst	: w to lt gy, f, mic, hd			0013-1L
3038.70	ccp			Sst			0014
	0.05	100	S/Sst	: lt gy to lt brn gy, crs, st			0014-1L
3039.55	ccp			Sst			0015
	0.07	100	S/Sst	: lt gy, crs, hd, mic, pyr			0015-1L
3040.40	ccp			Sst			0016
	0.15	100	Sltst	: drk gn gy to lt bl gy, mic			0016-1L
3042.65	ccp			Sst			0017
	0.22	100	S/Sst	: w, crs, hd, calc, mic			0017-1L
3043.95	ccp			Sst			0018
	0.14	100	S/Sst	: w to lt gy, crs, hd, mic			0018-1L

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Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Trb	Sample
				Lithology description				
3044.90		ccp			Sst			0019
		0.09	100	S/Sst	: w to lt gy, crs, hd, mic			0019-1L
3045.45		ccp			Sst			0020
		0.11	100	Sh/Clst	: m bl gy to drk gn gy, slt			0020-1L
3049.50		ccp			Sst			0021
		0.11	100	Sh/Clst	: m bl gy to gy brn, mic			0021-1L
			tr	S/Sst	: lt gy, crs, l			0021-2L
3049.70		ccp			Sst			0022
		0.10	100	S/Sst	: w to lt gy, crs, l			0022-1L
3050.75		ccp			Sst			0023
		0.06	100	S/Sst	: w to lt gy, crs, l			0023-1L
3051.80		ccp			Sst			0024
		0.10	100	S/Sst	: w to lt gy, crs, l			0024-1L
3052.80		ccp			Sst			0025
		0.07	100	S/Sst	: w to lt gy, crs, l, mic			0025-1L
3053.25		ccp			Sst			0026
		0.14	100	Sh/Clst	: m bl brn, wx			0026-1L

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Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3060.20	swc			Sst			0034
	0.27	100	S/Sst	:	lt brn to m y brn, crs, l		0034-1L
3069.00				Sst			0048
	0.03	75	S/Sst	:	w, crs, l		0048-1L
		10	Sh/Clst	:	drk gy to brn blk, slt, mic		0048-2L
		5	S/Sst	:	gn gy to lt gy, crs, kln		0048-3L
		5	Ca	:	w to lt or, mrl		0048-4L
		5	Cont	:	prp		0048-5L
3074.00	swc			Sst			0035
	0.32	100	S/Sst	:	lt brn to m y brn, crs, l, cly		0035-1L
3081.00	swc			Sst			0036
	0.59	100	S/Sst	:	lt brn to m y brn, crs, l, cly		0036-1L
3084.00				Sst			0049
	0.03	70	S/Sst	:	w to lt gy, crs, l, kln		0049-1L
		25	Sh/Clst	:	drk gy to brn blk, slt, mic		0049-2L
		5	Cont	:	prp		0049-3L
		tr	Ca	:	w to lt or		0049-4L
		tr	Sh/Clst	:	m bl gy, wx		0049-5L
3099.00				Sst			0050
	0.03	90	S/Sst	:	w to lt gy, crs, l, kln		0050-1L
		10	Cont	:	prp		0050-2L
		tr	Ca	:	w to lt or		0050-3L
		tr	Sh/Clst	:	m bl gy to drk gy to brn blk, wx, slt, calc		0050-4L

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Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
3112.50		swc		Sst		0037
		0.35	100	Sh/Clst: pl brn to brn, sft		0037-1L
3114.00				Sst		0051
		0.07	85	S/Sst : w to lt gy, crs, l		0051-1L
			15	Cont : prp		0051-2L
			tr	Sh/Clst: m bl gy to drk gy to brn blk, slt		0051-3L
3126.75		swc		Sst		0038
		0.24	100	S/Sst : m brn to ol gy, crs, l, cly		0038-1L
3129.00				Sst		0052
		0.05	90	S/Sst : w to lt gy, crs, l		0052-1L
			10	Cont : prp		0052-2L
			tr	Sh/Clst: m bl gy to drk gy to brn blk, slt		0052-3L
			tr	Sh/Clst: brn to drk brn		0052-4L
3144.00				Sst		0053
		0.01	95	S/Sst : w to lt gy, crs, l		0053-1L
			5	Cont : prp		0053-2L
			tr	Sh/Clst: brn to drk brn, mic		0053-3L
			tr	Sh/Clst: m bl gy to drk gy		0053-4L
			tr	Ca : w to lt or		0053-5L
3145.00		swc		Sst		0040
		0.32	100	S/Sst : lt brn to m gy, crs, l, cngl, cly		0040-1L

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Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth	Type		Grp	Frm	Age	Trb	Sample
Int Cvd	TOC%	%	Lithology description				
3159.00			Sst				0054
		50	Ca	:	w to lt or		0054-1L
		25	Sh/Clst	:	brn to drk brn, mic		0054-2L
	0.03	20	S/Sst	:	w to lt gy to brn, crs, l, f, kln		0054-3L
		5	Sh/Clst	:	drk gy to brn blk, calc		0054-4L
		tr	Cont	:	prp		0054-5L
3159.50	swc		Sst				0041
	0.26	100	S/Sst	:	lt brn gy, crs, l, cly		0041-1L
3172.75	swc		Sst				0042
	0.22	100	Sh/Clst	:	brn, sft, s		0042-1L
		tr	S/Sst	:	lt gy, crs, l		0042-2L
3189.00			Sst				0055
	0.03	80	S/Sst	:	lt gy to w, crs, l		0055-1L
		10	Cont	:	prp		0055-2L
		5	Sh/Clst	:	brn to drk brn		0055-3L
		5	Sh/Clst	:	drk gy to brn blk		0055-4L
3192.25	swc		Sst				0043
	0.65	100	S/Sst	:	lt gy to lt brn gy, crs, l		0043-1L
		tr	Cont	:	dd		0043-2L
3222.00			Sst				0056
	0.03	80	S/Sst	:	lt gy to w, crs, l, f, kln		0056-1L
		10	Sh/Clst	:	brn to drk brn, mrl		0056-2L
		10	Sh/Clst	:	drk gy to brn blk		0056-3L
		tr	Ca	:	w to lt or		0056-4L
		tr	Cont	:	prp		0056-5L

GEOLAB NOR

Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth Int	Depth Cvd	Type TOC%	%	Grp	Frm	Age	Trb	Sample	Lithology description
3249.00					Sst			0057	
		0.02	50	S/Sst		lt gy to w to m bl gy, crs, l, f, slt, kln		0057-1L	
			40	Sh/Clst		brn to drk brn, mrl		0057-2L	
			10	Sh/Clst		drk gy to brn blk		0057-3L	
			tr	Ca		w to lt or		0057-4L	
			tr	Cont		prp		0057-5L	
3279.00					Sst			0058	
		0.01	90	S/Sst		lt gy to w, f, kln, crs, l		0058-1L	
			5	Sh/Clst		brn to drk brn		0058-2L	
			5	Sh/Clst		m bl gy, wx		0058-3L	
			tr	Ca		w to lt or, mrl		0058-4L	
			tr	Cont		prp		0058-5L	
3309.00					Sst			0059	
		0.02	100	S/Sst		w, f, crs, l		0059-1L	
			tr	Sh/Clst		m bl gy, wx		0059-2L	
			tr	Ca		w to lt or		0059-3L	
			tr	Sh/Clst		brn to drk brn, mic		0059-4L	
			tr	Cont		prp		0059-5L	
3339.00					Sst			0060	
		0.05	100	S/Sst		w, f, l		0060-1L	
			tr	Sh/Clst		m bl gy, wx		0060-2L	
			tr	Ca		w to lt or		0060-3L	
			tr	Sh/Clst		brn to drk brn, mic		0060-4L	
			tr	Cont		prp		0060-5L	

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Table 1 : Lithology description for well NOCS 15/12-7

Depth unit of measure: m

Depth Int	Cvd	Type TOC%	%	Grp Frm Age Lithology description	Trb	Sample
3352.00	swc			Sst		0044
			75	Sh/Clst: brn to m brn, sft		0044-1L
			15	Sh/Clst: drk gy to brn blk		0044-2L
			10	S/Sst : lt gy, crs, l		0044-3L
		1.16		bulk		0044-0B
3372.00				Sst		0061
		0.02	90	S/Sst : w, f, kln, l		0061-1L
			5	Ca : w to lt or, slt		0061-2L
			5	Sh/Clst: brn to drk brn, mic		0061-3L
			tr	Cont : prp		0061-4L
3375.00	swc			Sst		0045
			75	S/Sst : lt gy to lt brn gy, crs, l		0045-1L
			25	Sh/Clst: m brn to pl brn		0045-2L
		0.65		bulk		0045-0B
3399.00				Sst		0062
		0.01	75	S/Sst : w to lt gy, crs, l		0062-1L
			25	Ca : w to lt or, mrl, slt		0062-2L
			tr	Sh/Clst: brn to drk brn, mic		0062-3L
			tr	Cont : prp		0062-4L
3410.50	swc			Sst		0039
			85	S/Sst : m brn to ol gy, crs, l, cly		0039-1L
			15	Sh/Clst: gy brn to brn to dsk y brn, sft		0039-2L
		0.57		bulk		0039-0B

Table 2 : Rock-Eval table for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2383.00	swc	Sh/Clst: ol gy to lt ol gy	0.18	0.43	0.73	0.59	0.52	83	140	0.6	0.30	433	0027-1L
2390.00	swc	Sh/Clst: brn blk	0.15	3.19	0.15	21.27	1.40	228	11	3.3	0.04	433	0028-1L
2408.00	swc	Sh/Clst: drk gy to brn blk	0.12	2.52	0.01	252.00	1.37	184	1	2.6	0.05	432	0029-1L
2422.00	swc	Sh/Clst: drk gy to brn blk	0.23	2.36	0.19	12.42	1.16	203	16	2.6	0.09	426	0030-1L
2437.00	swc	Sh/Clst: drk gy to brn blk	0.20	1.78	0.44	4.05	0.83	214	53	2.0	0.10	425	0031-1L
2459.00	cut	Sh/Clst: lt gy to lt bl gy to brn gy	0.04	0.80	0.28	2.86	0.71	113	39	0.8	0.05	429	0046-1L
3009.00	cut	Sh/Clst: gn gy to m gy to brn blk	0.13	2.38	0.36	6.61	1.36	175	26	2.5	0.05	437	0047-1L
3020.50	swc	Sh/Clst: drk gy to brn blk	2.84	16.88	0.62	27.23	3.39	498	18	19.7	0.14	429	0033-1L
3025.50	swc	S/Sst : m gy to brn gy	0.06	0.16	0.20	0.80	0.22	73	91	0.2	0.27	425	0032-1L
3028.15	ccp	S/Sst : w	0.01	0.19	-	-	0.10	190	-	0.2	0.05	548	0001-1L
3028.35	ccp	Coal : blk	6.60	27.16	-	-	21.57	126	-	33.8	0.20	443	0002-1L
3028.70	ccp	S/Sst : lt gy to lt brn gy	0.13	1.14	-	-	0.34	335	-	1.3	0.10	432	0003-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	3.49	28.21	0.12	235.08	7.01	402	2	31.7	0.11	434	0004-1L
3029.50	ccp	Sh/Clst: dsk brn to brn blk	12.92	61.96	0.31	199.87	26.29	236	1	74.9	0.17	431	0005-1L

Table 2 : Rock-Eval table for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3029.55	ccp	Coal : brn blk to dsk brn to blk	18.39	143.11	0.37	386.78	34.69	413	1	161.5	0.11	428	0006-1L
3032.35	ccp	S/Sst : w to lt gy to lt brn gy	-	0.29	-	-	0.11	264	-	0.3	-	483	0007-1L
3032.50	ccp	Sh/Clst: m gy to brn gy	0.02	0.27	-	-	0.18	150	-	0.3	0.07	435	0008-1L
3033.25	ccp	S/Sst : lt gy to brn gy to m gy	0.01	0.41	-	-	0.13	315	-	0.4	0.02	554	0009-1L
3034.45	ccp	S/Sst : lt gy to brn gy	-	0.27	-	-	0.05	540	-	0.3	-	459	0010-1L
3035.30	ccp	Sltst : lt gn gy to drk gn gy	-	0.21	-	-	0.11	191	-	0.2	-	457	0011-1L
3035.70	ccp	Sltst : lt gn gy to drk gn gy	-	0.05	-	-	0.09	56	-	0.1	-	442	0012-1L
3037.90	ccp	S/Sst : w to lt gy	0.02	0.68	-	-	0.10	680	-	0.7	0.03	515	0013-1L
3038.70	ccp	S/Sst : lt gy to lt brn gy	0.01	0.22	-	-	0.05	440	-	0.2	0.04	468	0014-1L
3039.55	ccp	S/Sst : lt gy	-	0.11	0.06	1.83	0.07	157	86	0.1	-	541	0015-1L
3040.40	ccp	Sltst : drk gn gy to lt bl gy	-	0.40	-	-	0.15	267	-	0.4	-	543	0016-1L
3042.65	ccp	S/Sst : w	-	-	-	-	0.22	-	-	-	-	354	0017-1L
3043.95	ccp	S/Sst : w to lt gy	-	0.43	-	-	0.14	307	-	0.4	-	593	0018-1L
3044.90	ccp	S/Sst : w to lt gy	-	0.20	-	-	0.09	222	-	0.2	-	521	0019-1L
3045.45	ccp	Sh/Clst: m bl gy to drk gn gy	-	0.18	-	-	0.11	164	-	0.2	-	480	0020-1L

Table 2 : Rock-Eval table for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3049.50	ccp	Sh/Clst: m bl gy to gy brn	0.01	0.24	-	-	0.11	218	-	0.3	0.04	543	0021-1L
3049.70	ccp	S/Sst : w to lt gy	0.01	0.26	-	-	0.10	260	-	0.3	0.04	553	0022-1L
3050.75	ccp	S/Sst : w to lt gy	-	0.11	-	-	0.06	183	-	0.1	-	510	0023-1L
3051.80	ccp	S/Sst : w to lt gy	-	0.01	-	-	0.10	10	-	-	-	352	0024-1L
3052.80	ccp	S/Sst : w to lt gy	0.02	0.45	-	-	0.07	643	-	0.5	0.04	562	0025-1L
3053.25	ccp	Sh/Clst: m bl brn	-	0.15	-	-	0.14	107	-	0.2	-	564	0026-1L
3060.20	swc	S/Sst : lt brn to m y brn	0.06	0.15	0.26	0.58	0.27	56	96	0.2	0.29	461	0034-1L
3069.00	cut	S/Sst : w	0.02	-	0.01	-	0.03	-	33	-	1.00	440	0048-1L
3074.00	swc	S/Sst : lt brn to m y brn	0.07	0.11	0.23	0.48	0.32	34	72	0.2	0.39	415	0035-1L
3081.00	swc	S/Sst : lt brn to m y brn	0.26	0.21	0.50	0.42	0.59	36	85	0.5	0.55	383	0036-1L
3084.00	cut	S/Sst : w to lt gy	0.04	-	-	-	0.03	-	-	-	1.00	420	0049-1L
3099.00	cut	S/Sst : w to lt gy	0.03	0.01	-	-	0.03	33	-	-	0.75	264	0050-1L
3112.50	swc	Sh/Clst: pl brn to brn	0.09	0.23	0.33	0.70	0.35	66	94	0.3	0.28	383	0037-1L
3114.00	cut	S/Sst : w to lt gy	0.04	0.07	0.11	0.64	0.07	100	157	0.1	0.36	414	0051-1L
3126.75	swc	S/Sst : m brn to ol gy	0.03	0.06	0.29	0.21	0.24	25	121	0.1	0.33	425	0038-1L

Table 2 : Rock-Eval table for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3129.00	cut	S/Sst : w to lt gy	0.03	0.01	0.75	0.01	0.05	20	1500	-	0.75	302	0052-1L
3144.00	cut	S/Sst : w to lt gy	0.01	-	-	-	0.01	-	-	-	1.00	302	0053-1L
3145.00	swc	S/Sst : lt brn to m gy	0.06	0.06	0.23	0.26	0.32	19	72	0.1	0.50	311	0040-1L
3159.00	cut	S/Sst : w to lt gy to brn	0.02	-	0.02	-	0.03	-	67	-	1.00	302	0054-3L
3159.50	swc	S/Sst : lt brn gy	0.06	0.13	0.27	0.48	0.26	50	104	0.2	0.32	382	0041-1L
3172.75	swc	Sh/Clst: brn	0.07	0.14	0.30	0.47	0.22	64	136	0.2	0.33	351	0042-1L
3189.00	cut	S/Sst : lt gy to w	0.04	-	0.01	-	0.03	-	33	-	1.00	302	0055-1L
3192.25	swc	S/Sst : lt gy to lt brn gy	0.32	0.40	0.77	0.52	0.65	62	118	0.7	0.44	412	0043-1L
3222.00	cut	S/Sst : lt gy to w	0.05	-	0.02	-	0.03	-	67	0.1	1.00	425	0056-1L
3249.00	cut	S/Sst : lt gy to w to m bl gy	0.04	-	-	-	0.02	-	-	-	1.00	427	0057-1L
3279.00	cut	S/Sst : lt gy to w	0.02	-	-	-	0.01	-	-	-	1.00	380	0058-1L
3309.00	cut	S/Sst : w	0.02	0.02	-	-	0.02	100	-	-	0.50	275	0059-1L
3339.00	cut	S/Sst : w	0.03	0.01	-	-	0.05	20	-	-	0.75	302	0060-1L
3352.00	swc	bulk	0.95	0.85	1.80	0.47	1.16	73	155	1.8	0.53	422	0044-0B
3372.00	cut	S/Sst : w	0.03	-	-	-	0.02	-	-	-	1.00	378	0061-1L

Table 2 : Rock-Eval table for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
3375.00	swc	bulk	0.30	0.27	0.71	0.38	0.65	42	109	0.6	0.53	376	0045-0B
3399.00	cut	S/Sst : w to lt gy	0.03	-	-	-	0.01	-	-	-	1.00	327	0062-1L
3410.50	swc	bulk	0.10	0.11	0.54	0.20	0.57	19	95	0.2	0.48	382	0039-0B

Table 3 : Pyrolysis GC Data (S2 peak) as Percentage of Total Area for Well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	C1	C2-C5	C6-C14	C15+	S2 from Rock-Eval	Sample
2390.00	swc	Sh/Clst: brn blk	6.93	23.98	49.26	19.83	3.19	0028-1L
2408.00	swc	Sh/Clst: drk gy to brn blk	13.11	29.22	51.19	6.48	2.52	0029-1L
2422.00	swc	Sh/Clst: drk gy to brn blk	17.87	25.18	46.85	10.11	2.36	0030-1L
2437.00	swc	Sh/Clst: drk gy to brn blk	23.26	26.20	42.06	8.48	1.78	0031-1L
3020.50	swc	Sh/Clst: drk gy to brn blk	2.44	0.84	46.57	50.16	16.88	0033-1L
3028.35	ccp	Coal : blk	7.54	12.14	20.76	59.56	27.16	0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	8.33	13.17	22.18	56.32	28.21	0004-1L
3029.50	ccp	Sh/Clst: dsk brn to brn blk	4.56	8.00	24.33	63.11	61.96	0005-1L
3352.00	swc	bulk	13.46	21.03	49.65	15.87	0.85	0044-0B

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 15/12-7

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
2408.00	swc	Sh/Clst: drk gy to brn blk	2.9	4.6	0.3	0.3	1.3	2.7	0.6	4.0	1.37	0029-1L
3020.50	swc	Sh/Clst: drk gy to brn blk	1.8	12.5	1.9	2.1	1.3	7.2	4.0	8.5	3.39	0033-1L
3028.35	ccp	Coal : blk	3.5	65.5	1.9	13.4	25.5	24.7	15.3	50.2	26.60	0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	4.0	53.7	2.3	8.4	25.6	17.4	10.7	43.0	10.10	0004-1L
3029.50	ccp	Sh/Clst: dsk brn to brn blk	2.7	100.9	2.2	9.8	59.1	29.8	12.0	88.9	44.60	0005-1L
3029.55	ccp	Coal : brn blk to dsk brn to blk	3.8	233.1	4.2	41.2	149.2	38.5	45.4	187.7	28.50	0006-1L
3081.00	swc	S/Sst : lt brn to m y brn	1.3	1.8	0.3	0.2	0.3	1.0	0.5	1.3	0.59	0036-1L
3352.00	swc	bulk	0.8	1.5	0.2	0.2	0.3	0.8	0.4	1.1	1.16	0044-0B
3375.00	swc	bulk	1.2	2.3	0.2	0.3	0.1	1.7	0.5	1.8	0.65	0045-0B

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2408.00	swc	Sh/Clst: drk gy to brn blk	1597	104	104	451	937	208	1388	0029-1L
3020.50	swc	Sh/Clst: drk gy to brn blk	6830	1038	1147	710	3934	2185	4644	0033-1L
3028.35	ccp	Coal : blk	18985	550	3884	7391	7159	4434	14550	0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	13594	582	2126	6481	4405	2708	10886	0004-1L
3029.50	ccp	Sh/Clst: dsk brn to brn blk	37649	820	3656	22052	11119	4477	33171	0005-1L
3029.55	ccp	Coal : brn blk to dsk brn to blk	60703	1093	10729	38854	10026	11822	48880	0006-1L
3081.00	swc	S/Sst : lt brn to m y brn	1353	225	150	225	751	375	977	0036-1L
3352.00	swc	bulk	1923	256	256	384	1025	512	1410	0044-0B
3375.00	swc	bulk	1932	168	252	84	1428	420	1512	0045-0B

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2408.00	swc	Sh/Clst: drk gy to brn blk	116.59	7.60	7.60	32.95	68.43	15.21	101.38	0029-1L
3020.50	swc	Sh/Clst: drk gy to brn blk	201.49	30.63	33.85	20.96	116.06	64.48	137.01	0033-1L
3028.35	ccp	Coal : blk	71.37	2.07	14.60	27.79	26.92	16.67	54.70	0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	134.60	5.77	21.06	64.17	43.61	26.82	107.78	0004-1L
3029.50	ccp	Sh/Clst: dsk brn to brn blk	84.42	1.84	8.20	49.44	24.93	10.04	74.38	0005-1L
3029.55	ccp	Coal : brn blk to dsk brn to blk	212.99	3.84	37.65	136.33	35.18	41.48	171.51	0006-1L
3081.00	swc	S/Sst : lt brn to m y brn	229.39	38.23	25.49	38.23	127.44	63.72	165.67	0036-1L
3352.00	swc	bulk	165.78	22.10	22.10	33.16	88.42	44.21	121.57	0044-0B
3375.00	swc	bulk	297.35	25.86	38.78	12.93	219.78	64.64	232.71	0045-0B

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 15/12-7

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
2408.00	swc	Sh/Clst: drk gy to brn blk	6.52	6.52	28.26	58.70	13.04	86.96	100.00	15.00	0029-1L
3020.50	swc	Sh/Clst: drk gy to brn blk	15.20	16.80	10.40	57.60	32.00	68.00	90.48	47.06	0033-1L
3028.35	ccp	Coal : blk	2.90	20.46	38.93	37.71	23.36	76.64	14.18	30.48	0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	4.28	15.64	47.67	32.40	19.93	80.07	27.38	24.88	0004-1L
3029.50	ccp	Sh/Clst: dsk brn to brn blk	2.18	9.71	58.57	29.53	11.89	88.11	22.45	13.50	0005-1L
3029.55	ccp	Coal : brn blk to dsk brn to blk	1.80	17.67	64.01	16.52	19.48	80.52	10.19	24.19	0006-1L
3081.00	swc	S/Sst : lt brn to m y brn	16.67	11.11	16.67	55.56	27.78	72.22	150.00	38.46	0036-1L
3352.00	swc	bulk	13.33	13.33	20.00	53.33	26.67	73.33	100.00	36.36	0044-0B
3375.00	swc	bulk	8.70	13.04	4.35	73.91	21.74	78.26	66.67	27.78	0045-0B

Table 5 : Saturated Hydrocarbon Ratios for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	Pristane nC17	Pristane Phytane	Pristane + Phytane nC17 + nC18	Phytane nC18	CPI	Sample
2408.00	swc	Sh/Clst: drk gy to brn blk	2.65	4.23	1.67	0.66	1.42	0029-1L
3020.50	swc	Sh/Clst: drk gy to brn blk	0.90	1.14	0.91	0.93	1.05	0033-1L
3028.35	ccp	Coal : blk	0.70	2.30	0.59	0.44	1.29	0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	2.27	7.20	1.21	0.28	1.38	0004-1L
3029.50	ccp	Sh/Clst: dsk brn to brn blk	4.60	6.71	2.18	0.48	1.34	0005-1L
3029.55	ccp	Coal : brn blk to dsk brn to blk	3.12	5.63	1.75	0.50	1.38	0006-1L
3081.00	swc	S/Sst : lt brn to m y brn	0.53	1.78	0.43	0.33	1.21	0036-1L
3352.00	swc	bulk	0.40	1.42	0.36	0.32	1.40	0044-0B
3375.00	swc	bulk	0.57	1.36	0.52	0.46	1.15	0045-0B

Table 6 : Aromatic Hydrocarbon Ratios for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	MNR	DMNR	BPhR	2/1MP	MPI1	MPI2	Rc	DBT/P	4/1MDBT	(3+2) /1MDBT	Sample
2408.00	swc	Sh/Clst: drk gy to brn blk	-	0.72	-	0.89	0.59	0.66	0.75	-	-	-	0029-1L
3020.50	swc	Sh/Clst: drk gy to brn blk	0.55	1.00	0.17	0.91	0.74	0.74	0.84	0.31	0.74	0.27	0033-1L
3028.35	ccp	Coal : blk	1.24	1.76	0.05	0.67	0.60	0.64	0.76	0.40	0.33	0.18	0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	1.09	1.47	0.03	0.59	0.62	0.65	0.77	0.84	0.30	0.24	0004-1L
3029.50	ccp	Sh/Clst: dsk brn to brn blk	1.23	1.67	0.03	0.55	0.56	0.62	0.74	0.86	0.25	0.15	0005-1L
3029.55	ccp	Coal : brn blk to dsk brn to blk	1.23	1.69	0.03	0.58	0.56	0.65	0.74	0.80	0.27	0.19	0006-1L
3081.00	swc	S/Sst : lt brn to m y brn	-	-	-	0.74	0.76	0.81	0.86	-	-	-	0036-1L
3352.00	swc	bulk	-	-	-	-	-	-	-	-	-	-	0044-0B
3375.00	swc	bulk	-	-	-	0.99	0.71	0.81	0.83	-	-	-	0045-0B

Table 7 : Thermal Maturity Data for well NOCS 15/12-7

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	NDP	-	-	-	-	-	0063-0B
1100.00	cut	bulk	0.31	3	0.04	-	-	-	0066-0B
1200.00	cut	bulk	NDP	-	-	-	-	-	0068-0B
1300.00	cut	bulk	0.32	8	0.04	-	-	-	0070-0B
1400.00	cut	bulk	0.29	1	0.00	-	-	-	0072-0B
1500.00	cut	bulk	0.27	4	0.02	-	-	-	0074-0B
1600.00	cut	bulk	0.31	5	0.04	-	-	-	0076-0B
1700.00	cut	bulk	0.32	3	0.00	-	-	-	0078-0B
1800.00	cut	bulk	0.44	4	0.03	-	-	-	0080-0B
1900.00	cut	bulk	0.48	3	0.02	-	-	-	0082-0B
2000.00	cut	bulk	0.32	9	0.04	-	-	-	0084-0B
2100.00	cut	bulk	NDP	-	-	-	-	-	0086-0B
2200.00	cut	bulk	NDP	-	-	-	-	-	0088-0B
2300.00	cut	bulk	NDP	-	-	-	-	-	0090-0B

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
2390.00	swc	bulk	0.58	8	0.04	-	-	-	0028-0B
2390.00	swc	Sh/Clst: brn blk	-	-	-	-	5.5-6.0	433	0028-1L
2422.00	swc	bulk	0.51	9	0.04	-	-	-	0030-0B
2437.00	swc	Sh/Clst: drk gy to brn blk	-	-	-	-	5.5-6.0	425	0031-1L
3020.50	swc	bulk	0.54	12	0.05	-	-	-	0033-0B
3028.35	ccp	bulk	0.60	9	0.05	-	-	-	0002-0B
3028.35	ccp	Coal : blk	-	-	-	-	6.0(??)	443	0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	-	-	-	-	6.0	434	0004-1L
3040.40	ccp	bulk	NDP	-	-	-	-	-	0016-0B
3053.25	ccp	bulk	NDP	-	-	-	-	-	0026-0B
3112.50	swc	bulk	NDP	-	-	-	-	-	0037-0B
3112.50	swc	Sh/Clst: pl brn to brn	-	-	-	-	6.5(?)	383	0037-1L
3172.75	swc	bulk	NDP	-	-	-	-	-	0042-0B
3172.75	swc	Sh/Clst: brn	-	-	-	-	6.0-6.5(??)	351	0042-1L

Table 7 : Thermal Maturity Data for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
3352.00	swc	bulk	-	-	-	-	6.0(??)	422	0044-0B

Table 8 : Visual Kerogen Composition Data for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	LIPT %	Amor L	LipDet	Sp/Pol	Cutic l	Resin	Algae	Dinofl	Acrit	Bit L	INERT %	Fusin	Sem Fus	Sint Det	Micrin	Sclero	Bit I	VITR %	Telin	Colin	Vit Det	Amor V	Bit V	Sample
2390.00	swc	Sh/Clst: brn blk	40		*	**			*	*			20		*	**				40	*		**			0028-1L
2437.00	swc	Sh/Clst: drk gy to brn blk	NDP	*	*	*			**	*			NDP			*				NDP	*		*			0031-1L
3028.35	ccp	Coal : blk	15			*	*		*	*			50	*	*					35	*	*				0002-1L
3029.30	ccp	Sh/Clst: dsk brn to m brn gy	50	*		**	*		*	*		?	10		*					40	*	*				0004-1L
3112.50	swc	Sh/Clst: pl brn to brn	NDP			*							NDP			*				NDP			*			0037-1L
3172.75	swc	Sh/Clst: brn	NDP			*							NDP			*				NDP	*		*			0042-1L
3352.00	swc	bulk	10		*	*	*		*	*			45			*				45	*		*			0044-0B

Table 9a : Tabulation of carbon isotope data for EOM/EOM - fractions or Oils for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology	EOM/Oil	Saturated	Aromatic	NSO	Asphaltenes	Kerogen	Sample
2390.00	swc		-	-	-	-	-	-25.82	0028-1L
2437.00	swc		-	-	-	-	-	-29.68	0031-1L
3020.50	swc		-30.73	-31.23	-31.01	-30.68	-31.00	-	0033-1L
3028.35	ccp		-24.40	-27.55	-25.09	-25.72	-24.66	-22.31	0002-1L
3029.30	ccp		-23.70	-25.53	-24.06	-25.24	-24.03	-22.78	0004-1L
3029.50	ccp		-24.13	-26.05	-24.39	-24.50	-24.38	-	0005-1L
3029.55	ccp		-24.31	-26.75	-24.56	-24.54	-24.78	-	0006-1L
3081.00	swc		-	-27.78	-26.15	-28.88	-28.32	-	0036-1L
3172.75	swc		-	-	-	-	-	-26.78	0042-1L

Table 9b : Tabulation of cv values from carbon isotope data for well NOCS 15/12-7

Depth unit of measure: m

Depth	Typ	Lithology		Saturated	Aromatic	cv value	Sample
2390.00	swc			-	-	-	0028-1L
2437.00	swc			-	-	-	0031-1L
3020.50	swc			-31.23	-31.01	-1.48	0033-1L
3028.35	ccp			-27.55	-25.09	2.35	0002-1L
3029.30	ccp			-25.53	-24.06	-0.47	0004-1L
3029.50	ccp			-26.05	-24.39	0.11	0005-1L
3029.55	ccp			-26.75	-24.56	1.50	0006-1L
3081.00	swc			-27.78	-26.15	0.58	0036-1L
3172.75	swc			-	-	-	0042-1L

Table 10A: Variation in Triterpane Distribution (peak height) for Well NOCS 15/12-7

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
2408.00	Sh/Clst	-	1.00	0.13	0.59	0.37	-	5.63	9.56	0.85	-	0.85	0.38	0.19	30.17	0029-1
3020.50	Sh/Clst	2.10	0.68	0.11	0.40	0.29	0.03	0.04	0.09	0.04	0.04	0.92	0.28	0.08	62.39	0033-1
3028.35	Coal	-	1.00	0.45	1.42	0.59	-	-	-	-	0.03	0.83	0.59	0.22	61.97	0002-1
3029.30	Sh/Clst	205.61	1.00	0.41	1.03	0.51	0.03	0.02	0.02	0.02	-	0.72	0.49	0.35	55.82	0004-1
3029.50	Sh/Clst	-	1.00	0.38	1.08	0.52	0.03	0.01	0.01	0.01	-	0.68	0.49	0.38	55.32	0005-1
3029.55	Coal	-	1.00	0.31	0.79	0.44	0.02	0.01	0.01	0.01	-	0.74	0.43	0.32	62.18	0006-1
3081.00	S/Sst	7.92	0.89	0.21	0.71	0.42	0.01	0.02	0.03	0.02	0.04	0.93	0.41	0.07	62.41	0036-1
3352.00	bulk	1.40	0.58	0.09	0.63	0.39	0.01	0.02	0.03	0.02	0.08	0.95	0.39	0.05	67.26	0044-0
3375.00	bulk	2.22	0.69	0.12	0.65	0.39	0.01	0.03	0.05	0.03	0.11	0.96	0.39	0.04	68.15	0045-0

Table 10B: Variation in Sterane Distribution (peak height) for Well NOCS 15/12-7

Depth unit of measure: m

Depth	Lithology	Ratio1	Ratio2	Ratio3	Ratio4	Ratio5	Ratio6	Ratio7	Ratio8	Ratio9	Ratio10	Sample
2408.00	Sh/Clst	0.58	21.24	70.34	1.15	0.85	0.13	0.12	0.54	0.27	1.51	0029-1
3020.50	Sh/Clst	0.54	31.54	42.05	1.26	0.54	0.14	0.09	0.27	0.46	0.53	0033-1
3028.35	Coal	0.72	27.12	32.29	0.09	0.47	0.26	0.21	0.19	0.37	0.33	0002-1
3029.30	Sh/Clst	1.00	34.50	36.31	0.01	0.45	0.01	0.01	0.22	0.53	0.44	0004-1
3029.50	Sh/Clst	1.00	35.73	45.43	0.02	0.54	0.01	0.01	0.29	0.56	0.65	0005-1
3029.55	Coal	1.00	37.00	53.00	0.02	0.60	0.04	0.04	0.36	0.59	0.90	0006-1
3081.00	S/Sst	0.59	38.46	63.16	0.73	0.69	0.47	0.38	0.46	0.63	1.39	0036-1
3352.00	bulk	0.64	31.40	67.21	1.21	0.77	0.61	0.50	0.51	0.46	1.49	0044-0
3375.00	bulk	0.61	28.47	56.88	1.34	0.70	0.42	0.32	0.40	0.40	0.92	0045-0

Ratio1: a / a + j
Ratio2: q / q + t * 100%
Ratio3: 2(r + s)/(q + t + 2(r + s)) * 100%
Ratio4: a + b + c + d / h + k + l + n
Ratio5: r + s / r + s + q

Ratio6: u + v / u + v + q + r + s + t
Ratio7: u + v / u + v + i + m + n + q + r + s + t
Ratio8: r + s / q + r + s + t
Ratio9: q / t
Ratio10: r + s / t

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Depth unit of measure: m

Depth	Lithology	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			
2408.00	Sh/Clst	0.00	0.00	0.00	0.00	0.00	0.00	4.37	141.06	14.76	0029-1
		0.00	3.26	25.05	4.47	7.04	12.23	2.66	0.73		
		1.69	0.00	0.00	0.00	0.00	0.00	0.00			
3020.50	Sh/Clst	5.23	1.62	0.86	0.69	0.34	2.81	5.89	1.59	17.57	0033-1
		1.10	1.14	43.51	3.69	31.00	17.87	3.18	15.96		
		9.62	18.46	11.09	10.55	8.08	23.25	13.30			
3028.35	Coal	4.63	0.86	0.00	3.49	0.00	0.00	33.32	0.00	46.92	0002-1
		0.00	10.88	33.15	6.99	13.44	7.08	2.36	4.66		
		2.86	1.98	1.04	1.12	0.54	0.79	0.44			
3029.30	Sh/Clst	0.00	0.00	0.00	38.54	0.00	1.80	370.09	7.16	400.86	0004-1
		9.76	122.93	389.77	150.77	239.99	176.24	83.07	130.70		
		103.43	42.22	23.50	17.46	8.39	4.13	1.98			
3029.50	Sh/Clst	0.00	0.00	0.00	28.66	0.00	0.00	405.11	5.49	475.04	0005-1
		12.97	139.18	441.30	206.28	365.62	267.09	126.87	182.78		
		147.61	78.71	52.60	52.81	33.00	18.08	10.45			

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			
3029.55	Coal	0.00	0.00	0.00	8.28	0.00	0.00	150.53	2.85	193.07	0006-1
		4.43	53.95	243.55	84.80	157.47	112.65	51.49	91.81		
		55.85	33.32	20.01	26.57	12.84	7.99	3.40			
3081.00	S/Sst	2.26	0.62	0.26	0.62	0.09	0.51	4.04	0.31	10.05	0036-1
		0.17	0.54	14.07	1.05	4.55	4.01	0.48	1.71		
		1.03	0.74	0.40	0.50	0.22	0.27	0.22			
3352.00	bulk	3.79	1.34	0.54	1.04	0.25	1.29	1.80	0.33	10.81	0044-0
		0.20	0.50	17.05	0.90	4.29	16.43	0.37	1.89		
		0.92	1.18	0.66	0.70	0.28	0.53	0.38			
3375.00	bulk	11.68	3.47	1.49	2.01	0.74	2.13	4.72	0.99	21.19	0045-0
		0.33	0.83	32.84	1.37	10.89	13.21	0.74	5.82		
		2.72	3.64	1.99	2.15	1.02	2.41	1.33			

Table 10D: Raw GCMS sterane data (peak height) for Well NOCS 15/12-7

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					
2408.00	Sh/Clst	0.94	0.21	1.43	0.80	0.24	2.38	0.54	0.42	0.29	0029-1
		1.27	0.16	1.03	1.97	0.75	0.28	0.22	0.14		
		0.96	0.72	3.65	0.37	2.67					
3020.50	Sh/Clst	6.79	1.89	46.85	28.42	7.95	7.30	18.81	8.81	25.26	0033-1
		32.66	13.05	39.31	23.37	5.56	6.87	10.25	10.63		
		19.01	12.42	10.82	3.47	26.96					
3028.35	Coal	6.28	0.70	1.75	1.05	0.38	0.34	0.93	0.38	0.70	0002-1
		21.47	0.81	0.69	10.21	3.43	0.00	5.09	0.00		
		0.68	4.39	3.26	0.60	11.80					
3029.30	Sh/Clst	0.61	0.17	1.06	0.56	0.00	0.00	4.21	2.42	2.32	0004-1
		61.29	2.61	0.00	34.62	12.23	0.00	0.00	0.00		
		5.45	32.92	17.97	9.23	62.51					
3029.50	Sh/Clst	1.41	0.00	1.31	0.64	0.00	0.00	4.42	2.18	3.40	0005-1
		55.64	3.24	0.00	34.30	13.20	0.00	0.00	0.00		
		3.31	30.08	24.03	11.01	54.10					

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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					
3029.55	Coal	2.19	0.00	0.52	0.41	0.00	0.00	1.73	1.13	2.24	0006-1
		31.96	1.51	0.00	19.18	6.52	0.00	0.00	0.00		
		1.12	12.21	11.93	6.68	20.79					
3081.00	S/Sst	1.17	0.32	0.70	0.41	0.10	0.15	0.26	0.17	0.34	0036-1
		1.12	0.36	0.49	0.40	0.16	0.20	0.18	0.22		
		0.20	0.35	0.44	0.34	0.56					
3352.00	bulk	3.13	0.72	1.95	0.97	0.24	0.30	0.63	0.31	0.83	0044-0
		1.49	0.70	1.08	0.65	0.21	0.22	0.50	0.45		
		0.40	0.38	0.76	0.48	0.83					
3375.00	bulk	5.21	1.48	9.36	4.48	1.12	1.35	2.52	1.38	3.83	0045-0
		6.63	2.60	6.09	3.20	0.92	0.94	1.46	1.85		
		2.28	1.58	2.38	1.28	3.97					