

Table 9b Saturated Hydrocarbon Ratios (peak areas) for well NOCS 6008/10-6 (reservoir study)

Lower depth	Sample type	Desc	% Lith	Prist./nC17	Prist./Phyt.	(Prist./nC17)/(Phyt./nC18)	CPI 1	Phytane/nC18	nC17/(nC17+nC27)	(Pristane+Phytane)/(nC17+nC18)	Sample number
1827.35	ccp	sandstone/sand	100	0.88	1.75	1.73	1.13	0.51	0.7	0.7	U02/0001-1
1830.52	ccp	bulk fraction		0.9	2.02	1.9	1.08	0.47	0.74	0.69	T92/0143-0
1832.98	ccp	sandstone/sand	95	0.9	1.92	1.91	1.17	0.47	0.71	0.69	U02/0003-1
1839.32	ccp	sandstone/sand	100	0.85	1.74	1.74	1.11	0.49	0.68	0.67	U02/0004-1
1843.34	ccp	sandstone/sand	100	0.88	1.96	1.74	1.1	0.51	0.73	0.71	U02/0005-1
1844.97	ccp	bulk fraction		0.81	1.84	1.71	1.06	0.47	0.76	0.65	T92/0144-0
1846.98	ccp	sandstone/sand	100	0.84	1.86	1.85	1.09	0.45	0.72	0.65	U02/0007-1
1849.86	ccp	sandstone/sand	100	0.83	1.8	1.81	1.08	0.46	0.72	0.64	U02/0008-1
1851.57	ccp	sandstone/sand	100	0.81	1.89	1.83	1.1	0.44	0.73	0.63	U02/0009-1
1853.16	ccp	bulk fraction		0.81	1.8	1.72	1.1	0.47	0.72	0.64	T92/0145-0
1855.8	ccp	carbonate	100	0.79	1.82	1.76	1.08	0.45	0.74	0.62	U02/0011-1
1864.7	ccp	sandstone/sand	100	3.54	1.47	1.82	1.08	1.94	0.67	2.66	U02/0014-1
1865.98	ccp	sandstone/sand	100	3.71	1.4	1.82	1.25	2.04	0.64	2.77	U02/0015-1
1867.3	ccp	bulk fraction		3.32	1.53	1.73	1.19	1.92	0.72	2.58	T92/0148-0
1869.52	ccp	sandstone/sand	100	3.79	1.44	1.52	1.12	2.49	0.72	3.12	U02/0017-1
1871.54	ccp	bulk fraction		3.36	1.51	1.66	1.23	2.02	0.7	2.66	T92/0149-0
1873.52	ccp	sandstone/sand	95	3.52	1.37	1.8	1.76	1.96	0.69	2.63	U02/0019-1
1875.6	ccp	sandstone/sand	100	3.12	1.4	1.72	1.26	1.82	0.72	2.4	U02/0020-1
1878.64	ccp	carbonate	100	1.4	1.48	1.68	1.26	0.84	0.74	1.1	U02/0021-1
1881	ccp	sandstone/sand	100	1.26	1.46	1.45	1.25	0.87	0.73	1.07	U02/0022-1
1883.9	ccp	bulk fraction		1.2	1.6	1.51	1.16	0.8	0.74	1.01	T92/0150-0
1885.98	ccp	sandstone/sand	100	1.2	1.45	1.49	1.05	0.81	0.76	1	U02/0024-1
1888	ccp	sandstone/sand	100	1.47	1.37	1.46	1.63	1	0.74	1.23	U02/0025-1
1890	ccp	sandstone/sand	100	1.62	1.44	1.56	1.79	1.04	0.72	1.32	U02/0026-1
1892.48	ccp	bulk fraction		1.4	1.44	1.39	1.26	1.01	0.76	1.21	T92/0152-0
1897	ccp	sandstone/sand	100	1.35	1.31	1.52	1.47	0.89	0.7	1.1	U02/0029-1
1901.2	ccp	sandstone/sand	100	1.81	1.3	1.26	1.35	1.44	0.75	1.63	U02/0030-1
1903.72	ccp	sandstone/sand	100	1.68	1.21	1.16	1.56	1.44	0.74	1.56	U02/0031-1
1907.14	ccp	sandstone/sand	100	2.16	1.17	1.06	0	2.03	1	2.1	U02/0033-1
1909.25	ccp	sandstone/sand	100	2.22	1.22	1.31	1.29	1.69	0.74	1.95	U02/0035-1
1911.75	ccp	sandstone/sand	100	2.32	1.21	1.16	1.59	2	0.75	2.16	U02/0036-1
1913.9	ccp	bulk fraction		2.32	1.25	1.22	1.38	1.91	0.71	2.12	T92/0155-0
1915.75	ccp	sandstone/sand	100	2.28	1.14	1.25	0	1.83	1	2.04	U02/0038-1
1917.42	ccp	sandstone/sand	100	2.16	1.14	1.03	1.58	2.1	0.76	2.13	U02/0039-1

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SUMMARY

Well 6608/10-6 was drilled offshore mid-Norway using seawater through the 36" and 12½" sections (414-1408m MDRT), and KCl/glycol/polymer mud through the 8½" section (1408-2115m MDRT (TD)). The well was an oil discovery, and wireline fluid samples (oils and gases) were analysed

Table 1 Analytical Program for NOCS Well 6608/10-6 (rock samples)

Purpose	Sample Depth (m)	Sample Type	Sample Code	Lithology Description	Picking for screening	Prevepreparing (Kjernematriale)	Prevepreparing (Losningsmiddel-Ekstraksjon)	Leco TOC	RockEval	GHM Pyrolysis-GC	Picking for Extraction	Topping	Iatroscan	SOXTEC Extraction	MPLC & Deasphaltene#	EOM GC	Whole Oil GC	Sat GC (Q or non-Q)	Aro GC (Non Quantitative)	Sat GCMS (Q or non-Q)	Aro GCMS (Non-Q)	Isotope of fractions §	API Gravity (Westlab)	Vitrinite Reflectance	Visual Kerogen	Gas composition and isotopes (IFE)
	Table nos.			3				5	5				8	8	8		13	9	9	11	12	10	17	4	7	14
M	1425	c	T92/0004-0	x																			x	x		
M	1515	c	T92/0020-0	x																				x	x	
M	1610	c	T92/0038-0	x																				x	x	
M, SR	1690	c	T92/0054-2	x			x	x	x					x										x	x	
M, SR	1752	c	T92/0073-1 & -3	x			x	x	x					x										x	x	
SR	1797	c	T92/0087-2	x			x	x	x					x												
SR	1800	c	T92/0088-2	x			x	x	x																	
SR	1803	c	T92/0089-2	x			x	x	x																	
SR	1806	c	T92/0090-2	x			x	x	x																	
SR	1809	c	T92/0091-2	x			x	x	x																	
SR	1812	c	T92/0092-2	x			x	x	x																	
M, SR	1815	c	T92/0093-2	x			x	x	x															x	x	
SR	1818	c	T92/0094-2	x			x	x	x					x		x										
SR	1821	c	T92/0095-2	x			x	x	x																	
SR	1824	c	T92/0096-2	x			x	x	x																	
SR	1827	c	T92/0097-2	x			x	x	x																	
OS	1830.52	p	T92/0143-0	x					x					x	x			x								
OS	1844.97	p	T92/0144-0	x					x					x	x			x		x		x				
OS	1853.16	p	T92/0145-0	x					x					x	x			x								
M, SR	1857.56	p	T92/0146-0	x				x	x															x	x	
SR	1863.65	p	T92/0147-0	x				x	x																	x
OS	1867.3	p	T92/0148-0	x					x					x	x			x		x		x				
OS	1871.54	p	T92/0149-0	x					x					x	x			x								
OS	1883.9	p	T92/0150-0	x					x					x	x			x		x		x				
hotshotOS	1885	p												X		X										
M, SR	1891.37	p	T92/0151-0	x				x	x					x	x			x						x		

Table 1 Analytical Program for NOCS Well 6608/10-6 (rock samples)

Purpose	Sample Depth (m)	Sample Type	Sample Code	Lithology Description	Picking for screening	Prøvepreparering (Kjemematerialie)	Prøvepreparering (Løsningsmiddel-Ekstraksjon)	Leco TOC	RockEval	GHM Pyrolysis-GC	Picking for Extraction	Topping	Iatroscan	SOXTEC Extraction	MPLC & Deasphaltene#	EOM GC	Whole Oil GC	Sat GC (Q or non-Q)	Aro GC (Non Quantitative)	Sat GCMS (Q or non-Q)	Aro GCMS (Non-Q)	Isotope of fractions §	API Gravity (Westlab)	Vitrimite Reflectance	Visual Kerogen	Gas composition and isotopes (IFE)
Table nos.				3	5	5	8	8	8	13	9	9	11	12	10	17	4	7	14							
OS	1892.48	p	T92/0152-0	x				x					x	x			x									
SR	1905.9	p	T92/0153-0	x				x	x																	
M, SR	1907.5	p	T92/0154-0	x				x	x					x	x			x		x			x			
OS	1913.9	p	T92/0155-0	x					x					x	x			x								
hotshotOS	1918	p												X		X										
OS	1922.8	p	T92/0156-0	x					x					x	x			x		x		x				
OS	1924.65	p	T92/0157-0	x					x					x	x			x		x		x				
hotshotOS	1925	p												X		X										
hotshotOS	1943	p												X		X										
OS	1949.52	p	T92/0158-0	x					x					x	x			x		x		x				
OS	1960.67	p	T92/0159-0	x					x					x	x			x								
SR	1967.68	p	T92/0160-1	x				x	x					x	x			x		x		x				
M, SR	1968.46	p	T92/0161-0	x					x	x														x		
OS	1970.81	p	T92/0162-0	x					x					x	x			x		x		x				
SR	1974	c	T92/0098-2	x			x	x	x					x	x			x								
SR	1977	c	T92/0099-2	x			x	x	x																	
SR	1980	c	T92/0100-2	x			x	x	x																	
SR	1983	c	T92/0101-2	x			x	x	x																	
SR	1989	c	T92/0103-2	x			x	x	x					x	x			x								
SR	1998	c	T92/0105-2	x			x	x	x																	
SR	2001	c	T92/0106-2	x			x	x	x																	
SR	2007	c	T92/0108-2	x			x	x	x					x	x			x		x		x				
SR	2013	c	T92/0110-2	x			x	x	x																	
M, SR	2016	c	T92/0111-2	x			x	x	x															x	x	
SR	2049	c	T92/0120-2	x			x	x	x					x	x			x								
SR	2052	c	T92/0121-2	x			x	x	x																	

Table 1 Analytical Program for NOCS Well 6608/10-6 (rock samples)

Purpose	Sample Depth (m)	Sample Type	Sample Code	Lithology Description	Picking for screening	Prevepreparing (Kjermematiale)	Prevepreparing (Losningsmiddel-Ekstraksjon)	Leco TOC	RockEval	GHM Pyrolysis-GC	Picking for Extraction	Topping	Iatroscan	SOXTEC Extraction	MPLC & Deasphaltene#	EOM GC	Whole Oil GC	Sat GC (Q or non-Q)	Aro GC (Non Quantitative)	Sat GCMS (Q or non-Q)	Aro GCMS (Non-Q)	Isotope of fractions §	API Gravity (Westlab)	Vitrinite Reflectance	Visual Kerogen	Gas composition and isotopes (IFE)	
	Table nos.				3			5	5				8	8	8		13	9	9	11	12	10	17	4	7	14	
SR	2055	c	T92/0122-2		x		x	x	x																		
SR	2058	c	T92/0123-2		x		x	x	x					x	x			x		x		x					
M, SR	2061	c	T92/0124-2		x		x	x	x															x	x		
SR	2064	c	T92/0125-2		x		x	x	x																		
SR	2067	c	T92/0126-2		x		x	x	x																		
SR	2070	c	T92/0127-2		x		x	x	x					x	x			x									
SR	2073	c	T92/0128-2		x		x	x	x																		
SR	2085	c	T92/0132-2		x		x	x	x					x	x			x									
SR	2088	c	T92/0133-2		x		x	x	x																		
SR	2091	c	T92/0134-2		x		x	x	x																		
SR	2094	c	T92/0135-2		x		x	x	x																		
SR	2097	c	T92/0136-2		x		x	x	x					x	x			x									
SR	2103	c	T92/0138-2		x		x	x	x																		
M, SR	2106	c	T92/0139-2		x		x	x	x					x	x			x		x		x		x	x		
SR	2109	c	T92/0140-2		x		x	x	x																		
SR	2112	c	T92/0141-2		x		x	x	x																		
SR	2115	c	T92/0142-2		x		x	x	x					x	x			x									
	Total				65		42	49	62					34	26	5		26		12		12		13	11		
	Sample type key c = Cuttings s = SWC p = Conv core/ plug o=oil g= gas m=mud																										
	§ Isotope analysis on sat and aro fractions													Q=quantitative, non-Q = not quantitative													

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1425.00						0004
				50 Sh/Clst: lt gy to m gy, calc, glauc		0004-1L
				40 Sh/Clst: pl y brn to drk y brn, glauc		0004-2L
				5 Other : drk gn, glauc		0004-3L
				5 Meta : lt gy w, ign		0004-4L
				tr Ca : lt or		0004-5L
1515.00						0020
				80 Sh/Clst: pl y brn to dsk y brn, mic, glauc		0020-1L
				20 Ca : lt or		0020-3L
				tr Meta : lt gy w, ign		0020-2L
1610.00						0038
				60 Sh/Clst: lt gy to m gy, ol gy		0038-1L
				20 Sh/Clst: pl y brn		0038-2L
				10 Sh/Clst: lt y gn, glauc		0038-3L
				10 Sh/Clst: dsk y brn, hd, sil		0038-4L
				tr Ca : lt or		0038-5L
1690.00						0054
				70 Ca : w to lt gy		0054-1L
	1.06			30 Sh/Clst: lt ol gy to ol gy, lt gy to m gy, pl y brn, lt y gn, brn blk, carb, glauc		0054-2L
1752.00						0073
	1.20			55 Sh/Clst: dsk y brn to drk y brn, blk, lt gy to m gy, mic, dol, sil		0073-1L
				30 Other : pyr		0073-2L
				10 Sh/Clst: w to lt y gn, calc		0073-3L
				5 Cont : Mica-ad		0073-4L
1797.00						0087
				70 Ca : dsk y brn to drk y brn, dol		0087-1L
	1.21			25 Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy, calc		0087-2L
				5 Other : pyr		0087-3L
				tr Cont : Mica-ad		0087-4L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1800.00						0088
	1.09		60 Ca	: dsk y brn to drk y brn, dol		0088-1L
			40 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0088-2L
			tr Other	: pyr		0088-3L
			tr Cont	: Mica-ad		0088-4L
1803.00						0089
	1.14		60 Ca	: dsk y brn to drk y brn, dol		0089-1L
			40 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0089-2L
			tr Other	: pyr		0089-3L
			tr Cont	: Mica-ad		0089-4L
1806.00						0090
	1.20		60 Ca	: dsk y brn to drk y brn, dol		0090-1L
			40 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0090-2L
			tr Other	: pyr		0090-3L
			tr Cont	: Mica-ad		0090-4L
1809.00						0091
	1.04		50 Ca	: dsk y brn to drk y brn, dol		0091-1L
			35 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0091-2L
			5 Other	: pyr		0091-3L
			5 Cont	: Mica-ad		0091-4L
			5 Other	: glauc		0091-5L
1812.00						0092
	1.09		50 Ca	: dsk y brn to drk y brn, dol		0092-1L
			35 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0092-2L
			5 Other	: pyr		0092-3L
			5 Cont	: Mica-ad		0092-4L
			5 Other	: glauc		0092-5L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1815.00						0093
	1.07		60 Ca	: dsk y brn to drk y brn, dol		0093-1L
			40 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0093-2L
			tr Other	: pyr		0093-3L
			tr Cont	: Mica-ad		0093-4L
			tr Other	: glauc		0093-5L
1818.00						0094
	1.19		60 Ca	: dsk y brn to drk y brn, dol		0094-1L
			40 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0094-2L
			tr Other	: pyr		0094-3L
			tr Cont	: Mica-ad		0094-4L
			tr Other	: glauc		0094-5L
1821.00						0095
	1.18		60 Ca	: dsk y brn to drk y brn, dol		0095-1L
			40 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0095-2L
			tr Other	: pyr		0095-3L
			tr Cont	: Mica-ad		0095-4L
			tr Other	: glauc		0095-5L
1824.00						0096
	1.15		65 Ca	: dsk y brn to drk y brn, dol		0096-1L
			25 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0096-2L
			10 Other	: pyr		0096-3L
			tr Cont	: Mica-ad		0096-4L
			tr Other	: glauc		0096-5L
1827.00						0097
	1.31		65 Ca	: dsk y brn to drk y brn, dol		0097-1L
			25 Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy		0097-2L
			10 Other	: pyr		0097-3L
			tr Cont	: Mica-ad		0097-4L
			tr Other	: glauc		0097-5L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1830.52	ccp					0143
			100	S/Sst : pl y brn to dsk y brn, sft		0143-1L
1844.97	ccp					0144
			100	S/Sst : pl y brn to dsk y brn, sft		0144-1L
1853.16	ccp					0145
			100	S/Sst : pl y brn to dsk y brn, sft		0145-1L
1857.56	ccp					0146
		0.66	100	Sh/Clst: m gy bulk		0146-1L 0146-0B
1863.65	ccp					0147
		1.51	100	Sh/Clst: m gy bulk		0147-1L 0147-0B
1867.30	ccp					0148
			100	S/Sst : pl y brn to dsk y brn, sft		0148-1L
1871.54	ccp			Not		0149
			100	S/Sst : pl y brn to dsk y brn, lam, sft		0149-1L
1883.90	ccp					0150
			100	S/Sst : lt brn to m brn, l		0150-1L
1891.37	ccp					0151
		55.40	100	Sh/Clst: blk, carb bulk		0151-1L 0151-0B

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1892.48	ccp					0152
			100	S/Sst : or gy to pl y brn, sft		0152-1L
1905.90	ccp					0153
		61.10	100	Sh/Clst: blk, carb bulk		0153-1L 0153-0B
1907.50	ccp					0154
		52.20	100	Sh/Clst: blk, carb bulk		0154-1L 0154-0B
1913.90	ccp					0155
			100	S/Sst : lt brn to m brn, l		0155-1L
1922.80	ccp					0156
			100	S/Sst : lt brn, l		0156-1L
1924.65	ccp					0157
			100	S/Sst : lt brn, l		0157-1L
1949.52	ccp					0158
			100	S/Sst : lt brn, l		0158-1L
1960.67	ccp					0159
			100	S/Sst : lt brn, l		0159-1L
1967.68	ccp					0160
		29.30	100	Sh/Clst: blk, carb bulk		0160-1L 0160-0B

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1968.46	ccp					0161
	28.30	100		Sh/Clst: blk, carb bulk		0161-1L 0161-0B
1970.81	ccp					0162
		100		S/Sst : lt or, sft		0162-1L
1974.00						0098
	56.50	70		Sh/Clst: lt gy, lt gn gy, lt brn gy		0098-1L
		25		Sh/Clst: blk to brn blk, carb		0098-2L
		5		S/Sst : lt or, l		0098-3L
1977.00						0099
	54.90	80		Sh/Clst: blk to brn blk, carb		0099-2L
		10		Sh/Clst: lt gy, lt gn gy, lt brn gy		0099-1L
		5		S/Sst : lt or, l		0099-3L
		5		Cont : Mica-ad		0099-4L
		tr		Other : pyr		0099-5L
1980.00						0100
	49.50	80		Sh/Clst: blk to brn blk, carb		0100-2L
		10		Sh/Clst: lt gy, lt gn gy, lt brn gy		0100-1L
		5		S/Sst : lt or, l		0100-3L
		5		Cont : Mica-ad		0100-4L
		tr		Other : pyr		0100-5L
1983.00						0101
	46.70	50		S/Sst : lt or, l		0101-3L
		45		Sh/Clst: blk to brn blk, carb		0101-2L
		5		Sh/Clst: lt gy, lt gn gy, lt brn gy		0101-1L
		tr		Cont : Mica-ad		0101-4L
		tr		Other : pyr		0101-5L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
1986.00						0102
				80 S/Sst : lt or, f, l		0102-3L
				15 Sh/Clst: blk to brn blk, carb		0102-2L
				5 Sh/Clst: lt gy, lt gn gy, lt brn gy		0102-1L
				tr Cont : Mica-ad		0102-4L
				tr Other : pyr		0102-5L
1989.00						0103
				45 Sh/Clst: lt gy, lt gn gy, lt brn gy		0103-1L
				40 S/Sst : lt or, f, l		0103-3L
43.00				15 Sh/Clst: blk to brn blk, carb		0103-2L
				tr Cont : Mica-ad		0103-4L
				tr Other : pyr		0103-5L
1992.00						0104
				75 S/Sst : lt or, f, l		0104-3L
				10 Sh/Clst: lt gy, lt gn gy, lt brn gy		0104-1L
				10 Sh/Clst: blk to brn blk, carb		0104-2L
				5 Cont : Mica-ad		0104-4L
				tr Other : pyr		0104-5L
1998.00						0105
				75 Sh/Clst: blk to brn blk, carb		0105-2L
39.00				10 Sh/Clst: lt gy, lt gn gy, lt brn gy		0105-1L
				10 S/Sst : lt or, f, l		0105-3L
				5 Cont : Mica-ad		0105-4L
				tr Other : pyr		0105-5L
2001.00						0106
				45 S/Sst : lt or, f, l		0106-3L
56.70				35 Sh/Clst: blk to brn blk, carb		0106-2L
				15 Sh/Clst: lt gy, lt gn gy, lt brn gy		0106-1L
				5 Cont : Mica-ad		0106-4L
				tr Other : pyr		0106-5L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2007.00						0108
	60.40		50	Sh/Clst: blk to brn blk, carb		0108-2L
			35	S/Sst : lt or, f, l		0108-3L
			15	Sh/Clst: lt gy, lt gn gy, lt brn gy		0108-1L
				tr Cont : Mica-ad		0108-4L
				tr Other : pyr		0108-5L
2013.00						0110
	54.00		70	S/Sst : lt or, f, l		0110-3L
			20	Sh/Clst: blk to brn blk, carb		0110-2L
			10	Sh/Clst: lt gy, lt gn gy, lt brn gy		0110-1L
				tr Cont : Mica-ad		0110-4L
				tr Other : pyr		0110-5L
2016.00						0111
	55.40		70	S/Sst : lt or, f, l		0111-3L
			20	Sh/Clst: blk to brn blk, carb		0111-2L
			10	Sh/Clst: lt gy, lt gn gy, lt brn gy		0111-1L
				tr Cont : Mica-ad		0111-4L
				tr Other : pyr		0111-5L
2049.00						0120
	55.50		80	S/Sst : lt or, f, l		0120-3L
			15	Sh/Clst: blk to brn blk, carb		0120-2L
			5	Sh/Clst: lt gy, lt gn gy, lt brn gy		0120-1L
				tr Cont : Mica-ad		0120-4L
				tr Other : pyr		0120-5L
2052.00						0121
	51.60		80	S/Sst : lt or, f, l		0121-3L
			15	Sh/Clst: blk to brn blk, carb		0121-2L
			5	Sh/Clst: lt gy, lt gn gy, lt brn gy		0121-1L
				tr Cont : Mica-ad		0121-4L
				tr Other : pyr		0121-5L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2055.00						0122
	56.00		55	S/Sst : lt or, f, l		0122-3L
			30	Sh/Clst: blk to brn blk, carb		0122-2L
			15	Sh/Clst: lt gy, lt gn gy, lt brn gy		0122-1L
				tr Cont : Mica-ad		0122-4L
				tr Other : pyr		0122-5L
2058.00						0123
	58.00		50	Sh/Clst: blk to brn blk, carb		0123-2L
			35	S/Sst : lt or, f, l		0123-3L
			15	Sh/Clst: lt gy, lt gn gy, lt brn gy		0123-1L
				tr Cont : Mica-ad		0123-4L
				tr Other : pyr		0123-5L
2061.00						0124
	42.00		70	S/Sst : lt or, f, l		0124-3L
			15	Sh/Clst: lt gy, lt gn gy, lt brn gy		0124-1L
			15	Sh/Clst: blk to brn blk, carb		0124-2L
				tr Cont : Mica-ad		0124-4L
				tr Other : pyr		0124-5L
2064.00						0125
	41.20		80	S/Sst : lt or, f, l		0125-3L
			10	Sh/Clst: lt gy, lt gn gy, lt brn gy		0125-1L
			10	Sh/Clst: blk to brn blk, carb		0125-2L
				tr Cont : Mica-ad		0125-4L
				tr Other : pyr		0125-5L
2067.00						0126
	41.60		80	S/Sst : lt or, f, l		0126-3L
			10	Sh/Clst: lt gy, lt gn gy, lt brn gy		0126-1L
			10	Sh/Clst: blk to brn blk, carb		0126-2L
				tr Cont : Mica-ad		0126-4L
				tr Other : pyr		0126-5L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2070.00						0127
	24.30		60 Ca	: pl y brn, dol, hd		0127-4L
			15 Sh/Clst:	blk to brn blk, carb		0127-2L
			15 S/Sst	: lt or, f, l		0127-3L
			10 Sh/Clst:	lt gy, lt gn gy, lt brn gy		0127-1L
			tr Other	: pyr		0127-5L
2073.00						0128
	28.10		60 Ca	: pl y brn, dol, hd		0128-4L
			15 Sh/Clst:	blk to brn blk, carb		0128-2L
			15 S/Sst	: lt or, f, l		0128-3L
			10 Sh/Clst:	lt gy, lt gn gy, lt brn gy		0128-1L
			tr Other	: pyr		0128-5L
2085.00						0132
	50.20		95 Sh/Clst:	blk to brn blk, carb		0132-2L
			5 Sh/Clst:	lt gy, lt gn gy, lt brn gy		0132-1L
			tr S/Sst	: lt or, f, l		0132-3L
			tr Ca	: pl y brn, dol, hd		0132-4L
			tr Other	: pyr		0132-5L
2088.00						0133
	43.80		75 Sh/Clst:	blk to brn blk, carb		0133-2L
			10 S/Sst	: lt or, f, l		0133-3L
			10 Ca	: pl y brn, dol, hd		0133-4L
			5 Sh/Clst:	lt gy, lt gn gy, lt brn gy		0133-1L
			tr Other	: pyr		0133-5L
2091.00						0134
	41.50		40 Ca	: pl y brn, dol, hd		0134-4L
			35 Sh/Clst:	blk to brn blk, carb		0134-2L
			15 Sh/Clst:	lt gy, lt gn gy, lt brn gy		0134-1L
			10 S/Sst	: lt or, f, l		0134-3L
			tr Other	: pyr		0134-5L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2094.00						0135
				45 Ca : pl y brn, dol, hd		0135-4L
				25 S/Sst : lt or, f, l		0135-3L
				15 Sh/Clst: lt gy, lt gn gy, lt brn gy		0135-1L
	36.20			15 Sh/Clst: blk to brn blk, carb		0135-2L
				tr Other : pyr		0135-5L
2097.00						0136
				55 S/Sst : lt or, f, l		0136-3L
	35.10			40 Sh/Clst: blk to brn blk, carb		0136-2L
				5 Sh/Clst: lt gy, lt gn gy, lt brn gy		0136-1L
				tr Ca : pl y brn, dol, hd		0136-4L
				tr Other : pyr		0136-5L
2103.00						0138
				55 S/Sst : lt or, f, l		0138-3L
	52.60			40 Sh/Clst: blk to brn blk, carb		0138-2L
				5 Sh/Clst: lt gy, lt gn gy, lt brn gy		0138-1L
				tr Ca : pl y brn, dol, hd		0138-4L
				tr Other : pyr		0138-5L
2106.00						0139
	67.30			95 Sh/Clst: blk to brn blk, carb		0139-2L
				5 S/Sst : lt or, f, l		0139-3L
				tr Sh/Clst: lt gy, lt gn gy, lt brn gy		0139-1L
				tr Ca : pl y brn, dol, hd		0139-4L
				tr Other : pyr		0139-5L
2109.00						0140
	40.60			85 Sh/Clst: blk to brn blk, carb		0140-2L
				10 S/Sst : lt or, f, l		0140-3L
				5 Sh/Clst: lt gy, lt gn gy, lt brn gy		0140-1L
				tr Ca : pl y brn, dol, hd		0140-4L
				tr Other : pyr		0140-5L

Table 3: Lithology description for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Type	Grp	Frm	Age	Trb	Sample
Int	Cvd	TOC%	%	Lithology description		
2112.00						0141
	34.10		35	Sh/Clst: blk to brn blk, carb		0141-2L
			30	S/Sst : lt or, f, l		0141-3L
			30	Ca : pl y brn, dol, hd		0141-4L
			5	Sh/Clst: lt gy, lt gn gy, lt brn gy		0141-1L
			tr	Other : pyr		0141-5L
2115.00						0142
			45	Ca : pl y brn, dol, hd		0142-4L
	39.30		35	Sh/Clst: blk to brn blk, carb		0142-2L
			10	Sh/Clst: lt gy, lt gn gy, lt brn gy		0142-1L
			10	S/Sst : lt or, f, l		0142-3L
			tr	Other : pyr		0142-5L

Table 4: Thermal Maturity Data for well NOCS 6608/10-6

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Depth unit of measure: m

Depth	Typ	Lithology	Vitrinite Reflectance (%)	Number of Readings	Standard Deviation (%)	Spore Fluorescence Colour	SCI	Tmax (°C)	Sample
1425.00	cut	bulk	0.27	23	0.03	-	4.0(??)	-	0004-0B
1515.00	cut	bulk	0.23	22	0.04	-	3.5-4.0	-	0020-0B
1610.00	cut	bulk	0.25	22	0.05	-	3.5-4.0	-	0038-0B
1690.00	cut	bulk	0.37	6	0.04	-	NDP/4.0-5.0(??)	346	0054-0B
1752.00	cut	bulk	0.29	3	0.02	-	4.0-4.5	359	0073-0B
1815.00	cut	bulk	0.28	23	0.05	-	NDP/4.5-5.0(??)	361	0093-0B
1857.56	ccp	bulk	0.36	13	0.07	-	4.5-5.0	330	0146-0B
1863.65	ccp	bulk	-	-	0.00	-	5.0(?)	333	0147-0B
1891.37	ccp	bulk	0.33	25	0.03	-	-	409	0151-0B
1907.50	ccp	bulk	0.33	25	0.04	-	-	414	0154-0B
1968.46	ccp	bulk	0.38	23	0.04	-	-	419	0161-0B
2016.00	cut	bulk	0.33	24	0.04	-	5.0	410	0111-0B
2061.00	cut	bulk	0.31	25	0.05	-	5.0	415	0124-0B
2106.00	cut	bulk	0.31	24	0.04	-	5.0-5.5(?)	411	0139-0B

Table 5A: Rock-Eval table for well NOCS 6608/10-6

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Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1690.00	cut		Sh/Clst: lt ol gy to ol gy, lt gy to m gy, pl y brn, lt y gn, brn blk	0.86	4.59	-	-	1.06	433	-	5.5	0.16	346	0054-2L
1752.00	cut		Sh/Clst: dsk y brn to drk y brn, blk, lt gy to m gy	0.99	7.94	-	-	1.20	662	-	8.9	0.11	359	0073-1L
1797.00	cut		Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.11	9.80	-	-	1.21	810	-	10.9	0.10	360	0087-2L
1800.00	cut		Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.38	9.26	-	-	1.09	850	-	10.6	0.13	355	0088-2L
1803.00	cut		Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.30	9.55	-	-	1.14	838	-	10.9	0.12	357	0089-2L
1806.00	cut		Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.07	7.69	-	-	1.20	641	-	8.8	0.12	355	0090-2L
1809.00	cut		Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.15	8.54	-	-	1.04	821	-	9.7	0.12	357	0091-2L
1812.00	cut		Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.07	8.70	-	-	1.09	798	-	9.8	0.11	362	0092-2L

Table 5A: Rock-Eval table for well NOCS 6608/10-6

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Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1815.00	cut	Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.03	9.92	-	-	1.07	927	-	10.9	0.09	361	0093-2L
1818.00	cut	Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.05	10.30	-	-	1.19	866	-	11.4	0.09	360	0094-2L
1821.00	cut	Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.23	7.68	-	-	1.18	651	-	8.9	0.14	354	0095-2L
1824.00	cut	Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.28	8.27	-	-	1.15	719	-	9.6	0.13	357	0096-2L
1827.00	cut	Sh/Clst:	dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.31	8.59	-	-	1.31	656	-	9.9	0.13	361	0097-2L
1830.52	ccp	bulk		39.11	11.01	-	-	-	-	-	50.1	0.78	285	0143-0B
1844.97	ccp	bulk		57.06	20.09	-	-	-	-	-	77.2	0.74	285	0144-0B
1853.16	ccp	bulk		30.10	8.32	-	-	-	-	-	38.4	0.78	409	0145-0B
1857.56	ccp	bulk		0.53	1.28	-	-	0.66	194	-	1.8	0.29	330	0146-0B
1863.65	ccp	bulk		0.52	1.73	-	-	1.51	115	-	2.2	0.23	333	0147-0B
1867.30	ccp	bulk		27.40	9.26	-	-	-	-	-	36.7	0.75	412	0148-0B

Table 5A: Rock-Eval table for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1871.54	ccp		bulk	19.96	7.67	-	-	-	-	-	27.6	0.72	418	0149-0B
1883.90	ccp		bulk	55.96	17.95	-	-	-	-	-	73.9	0.76	317	0150-0B
1891.37	ccp		bulk	21.28	113.95	-	-	55.40	206	-	135.2	0.16	409	0151-0B
1892.48	ccp		bulk	35.81	10.55	-	-	-	-	-	46.4	0.77	285	0152-0B
1905.90	ccp		bulk	27.23	106.78	-	-	61.10	175	-	134.0	0.20	414	0153-0B
1907.50	ccp		bulk	22.69	104.92	-	-	52.20	201	-	127.6	0.18	414	0154-0B
1913.90	ccp		bulk	69.21	26.40	-	-	-	-	-	95.6	0.72	285	0155-0B
1922.80	ccp		bulk	60.48	24.12	-	-	-	-	-	84.6	0.71	285	0156-0B
1924.65	ccp		bulk	36.19	9.90	-	-	-	-	-	46.1	0.79	285	0157-0B
1949.52	ccp		bulk	45.35	13.22	-	-	-	-	-	58.6	0.77	285	0158-0B
1960.67	ccp		bulk	52.89	17.90	-	-	-	-	-	70.8	0.75	285	0159-0B
1967.68	ccp		bulk	5.72	62.93	-	-	29.30	215	-	68.7	0.08	415	0160-0B
1968.46	ccp		bulk	3.37	44.85	-	-	28.30	158	-	48.2	0.07	419	0161-0B
1970.81	ccp		bulk	22.79	7.79	-	-	-	-	-	30.6	0.75	418	0162-0B
1974.00	cut		Sh/Clst: blk to brn blk	5.17	76.52	-	-	56.50	135	-	81.7	0.06	416	0098-2L
1977.00	cut		Sh/Clst: blk to brn blk	3.10	67.36	-	-	54.90	123	-	70.5	0.04	417	0099-2L

Table 5A: Rock-Eval table for well NOCS 6608/10-6

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Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1980.00	cut		Sh/Clst: blk to brn blk	3.87	71.70	-	-	49.50	145	-	75.6	0.05	417	0100-2L
1983.00	cut		Sh/Clst: blk to brn blk	3.62	70.01	-	-	46.70	150	-	73.6	0.05	416	0101-2L
1989.00	cut		Sh/Clst: blk to brn blk	1.67	73.84	-	-	43.00	172	-	75.5	0.02	417	0103-2L
1998.00	cut		Sh/Clst: blk to brn blk	2.81	67.52	-	-	39.00	173	-	70.3	0.04	417	0105-2L
2001.00	cut		Sh/Clst: blk to brn blk	2.52	78.56	-	-	56.70	139	-	81.1	0.03	415	0106-2L
2007.00	cut		Sh/Clst: blk to brn blk	7.04	91.82	-	-	60.40	152	-	98.9	0.07	407	0108-2L
2013.00	cut		Sh/Clst: blk to brn blk	2.10	70.20	-	-	54.00	130	-	72.3	0.03	411	0110-2L
2016.00	cut		Sh/Clst: blk to brn blk	4.49	70.46	-	-	55.40	127	-	74.9	0.06	410	0111-2L
2049.00	cut		Sh/Clst: blk to brn blk	2.54	80.40	-	-	55.50	145	-	82.9	0.03	408	0120-2L
2052.00	cut		Sh/Clst: blk to brn blk	4.30	76.69	-	-	51.60	149	-	81.0	0.05	409	0121-2L
2055.00	cut		Sh/Clst: blk to brn blk	2.40	77.13	-	-	56.00	138	-	79.5	0.03	412	0122-2L
2058.00	cut		Sh/Clst: blk to brn blk	5.14	93.17	-	-	58.00	161	-	98.3	0.05	413	0123-2L
2061.00	cut		Sh/Clst: blk to brn blk	2.27	68.61	-	-	42.00	163	-	70.9	0.03	415	0124-2L
2064.00	cut		Sh/Clst: blk to brn blk	3.06	63.94	-	-	41.20	155	-	67.0	0.05	417	0125-2L
2067.00	cut		Sh/Clst: blk to brn blk	3.85	76.10	-	-	41.60	183	-	79.9	0.05	415	0126-2L
2070.00	cut		Sh/Clst: blk to brn blk	0.63	36.78	-	-	24.30	151	-	37.4	0.02	416	0127-2L

Table 5A: Rock-Eval table for well NOCS 6608/10-6

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Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
2073.00	cut		Sh/Clst: blk to brn blk	1.69	45.16	-	-	28.10	161	-	46.8	0.04	417	0128-2L
2085.00	cut		Sh/Clst: blk to brn blk	1.55	88.28	-	-	50.20	176	-	89.8	0.02	416	0132-2L
2088.00	cut		Sh/Clst: blk to brn blk	2.58	86.36	-	-	43.80	197	-	88.9	0.03	414	0133-2L
2091.00	cut		Sh/Clst: blk to brn blk	2.03	79.26	-	-	41.50	191	-	81.3	0.02	417	0134-2L
2094.00	cut		Sh/Clst: blk to brn blk	1.87	73.28	-	-	36.20	202	-	75.2	0.02	420	0135-2L
2097.00	cut		Sh/Clst: blk to brn blk	1.42	72.99	-	-	35.10	208	-	74.4	0.02	418	0136-2L
2103.00	cut		Sh/Clst: blk to brn blk	2.79	100.93	-	-	52.60	192	-	103.7	0.03	418	0138-2L
2106.00	cut		Sh/Clst: blk to brn blk	4.77	131.59	-	-	67.30	196	-	136.4	0.03	411	0139-2L
2109.00	cut		Sh/Clst: blk to brn blk	2.26	79.71	-	-	40.60	196	-	82.0	0.03	418	0140-2L
2112.00	cut		Sh/Clst: blk to brn blk	1.69	56.68	-	-	34.10	166	-	58.4	0.03	415	0141-2L
2115.00	cut		Sh/Clst: blk to brn blk	1.10	75.25	-	-	39.30	191	-	76.3	0.01	414	0142-2L

Table 5B: Rock-Eval table for well SVALBARD ROCK-1 (SR-1)

Depth unit of measure: m

Depth	Typ	Form	Lithology	S1	S2	S3	S2/S3	TOC	HI	OI	PP	PI	Tmax	Sample
1.00	n/a		bulk	1.10	5.30	-	-	-	-	-	6.4	0.17	437	0226-0B
2.00	n/a		bulk	1.06	5.33	-	-	-	-	-	6.4	0.17	437	0227-0B

Table 7: Visual Kerogen Composition Data for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Typ	Lithology	Amorphous			Algal/Phytoplankton					Herbaceous				Woody				Coaly			SCI	Sample
			AM%	FA	HA	AP%	Cy	Ta	Bo	Di	De	HE%	SP	Cu	De	WO%	FL	NF	De	CO%	FS		
1425.00	cut	Sh/Clst	75	*		5	*	*			5	*	*	**	5	*	**		10	*	**	4.0(??)	0004-1L
1515.00	cut	Sh/Clst	70	*		10	*	*			5	*	*	**	15	*	**		TR	*	**	3.5-4.0	0020-1L
1610.00	cut	Sh/Clst	65	*	**	10	*	*			15	*	*	**	5	*	**		5	*	**	3.5-4.0	0038-1L
1690.00	cut	Sh/Clst	NDP	*		NDP	*	*			NDP	*	*	**	NDP		*		NDP	*		NDP/4.0-5.0(??)	0054-2L
1752.00	cut	Sh/Clst	75	*	**	TR	*	*			10	**	*	**	10	*	**		5	*	**	4.0-4.5	0073-1L
1815.00	cut	Sh/Clst	NDP	*		NDP	*	*			NDP	*	*	**	NDP		*		NDP	*		NDP/4.5-5.0(??)	0093-2L
1857.56	ccp	Sh/Clst	60	*	**	5	*				10	*	*	**	15	*	*		10	*	*	4.5-5.0	0146-1L
1863.65	ccp	Sh/Clst	60	*		TR	*				10	*	*	**	15	*	**		15	*	**	5.0(?)	0147-1L
2016.00	cut	Sh/Clst	10	*	**	TR	?				15	*	**	*	70	**	*		5	**	*	5.0	0111-2L
2061.00	cut	Sh/Clst	15	*		5	*				15	**	*	*	55	**	*		10	**	*	5.0	0124-2L
2106.00	cut	Sh/Clst	TR	*		TR	*				5	*	**	*	85	**	*		10	**	*	5.0-5.5(?)	0139-2L

Table 8a: MPLC Bulk Composition: Weight of EOM and Fraction for well NOCS 6608/10-6

Page: 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
1690.00	cut	Sh/Clst: lt ol gy to ol gy, lt gy to m gy, pl y brn, lt y gn, brn blk	0.6	6.8	-	-	-	-	-	-	-	0054-2L
1752.00	cut	Sh/Clst: dsk y brn to drk y brn, blk, lt gy to m gy	1.2	19.3	-	-	-	-	-	-	-	0073-1L
1797.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	1.1	25.2	-	-	-	-	-	-	-	0087-2L
1818.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	4.0	28.0	-	-	-	-	-	-	-	0094-2L
1830.52	ccp	bulk	7.4	393.4	212.8	126.8	3.1	50.7	339.6	53.8	3.84	0143-0B
1844.97	ccp	bulk	7.3	496.4	266.7	153.1	9.7	66.9	419.8	76.6	5.38	0144-0B
1853.16	ccp	bulk	7.0	303.3	151.1	89.5	2.3	60.4	240.6	62.7	3.47	0145-0B
1867.30	ccp	bulk	7.0	291.0	138.5	94.1	4.8	53.6	232.6	58.4	3.55	0148-0B
1871.54	ccp	bulk	7.1	238.8	113.1	80.8	2.3	42.6	193.8	45.0	2.73	0149-0B
1883.90	ccp	bulk	8.0	604.4	309.0	209.4	12.4	73.6	518.4	86.0	4.84	0150-0B
1885.00	ccp	bulk	4.0	365.8	-	-	-	-	-	-	-	0163-0B
1891.37	ccp	Sh/Clst: blk	3.0	136.5	13.2	45.4	45.3	32.6	58.6	77.9	60.40	0151-1L

Table 8a: MPLC Bulk Composition: Weight of EOM and Fraction for well NOCS 6608/10-6

Page: 2

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
1892.48	ccp	bulk	7.1	249.0	124.3	83.0	1.8	39.8	207.4	41.6	2.27	0152-0B
1907.50	ccp	Sh/Clst: blk	3.1	141.6	21.4	36.1	55.4	28.7	57.5	84.1	53.20	0154-1L
1913.90	ccp	bulk	7.1	709.1	317.0	282.2	4.2	105.7	599.2	109.9	6.83	0155-0B
1918.00	ccp	bulk	3.4	295.1	-	-	-	-	-	-	-	0164-0B
1922.80	ccp	bulk	7.1	596.0	300.8	188.3	4.4	102.5	489.1	106.9	5.79	0156-0B
1924.65	ccp	bulk	8.1	433.6	182.5	142.7	8.8	99.6	325.2	108.4	3.28	0157-0B
1925.00	ccp	bulk	4.4	340.9	-	-	-	-	-	-	-	0165-0B
1943.00	ccp	bulk	4.4	205.2	-	-	-	-	-	-	-	0166-0B
1949.52	ccp	bulk	7.0	448.5	241.1	136.9	2.5	68.0	377.9	70.6	3.75	0158-0B
1960.67	ccp	bulk	7.0	444.3	235.0	137.2	8.8	63.3	372.2	72.1	3.86	0159-0B
1967.68	ccp	Sh/Clst: blk	3.2	66.8	4.8	21.6	20.1	20.3	26.4	40.4	29.00	0160-1L
1970.81	ccp	bulk	7.1	195.8	95.4	62.9	0.9	36.6	158.3	37.5	2.52	0162-0B
1974.00	cut	Sh/Clst: blk to brn blk	2.6	69.0	1.1	3.6	11.6	52.8	4.6	64.4	51.80	0098-2L
1989.00	cut	Sh/Clst: blk to brn blk	2.9	45.0	0.9	2.7	13.3	28.1	3.6	41.4	50.10	0103-2L
2007.00	cut	Sh/Clst: blk to brn blk	3.0	84.4	1.4	4.2	23.0	55.9	5.6	78.8	57.00	0108-2L
2049.00	cut	Sh/Clst: blk to brn blk	1.4	13.8	0.7	0.7	4.1	8.2	1.5	12.3	31.50	0120-2L

Table 8a: MPLC Bulk Composition: Weight of EOM and Fraction for well NOCS 6608/10-6

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
2058.00	cut	Sh/Clst: blk to brn blk	2.9	52.4	1.2	1.9	11.8	37.5	3.1	49.3	37.80	0123-2L
2070.00	cut	Sh/Clst: blk to brn blk	0.6	5.8	0.3	0.3	3.0	2.1	0.7	5.1	31.60	0127-2L
2085.00	cut	Sh/Clst: blk to brn blk	2.8	52.9	1.0	2.0	20.0	30.0	2.9	50.0	51.20	0132-2L
2097.00	cut	Sh/Clst: blk to brn blk	3.0	46.4	1.0	0.7	12.5	32.2	1.7	44.7	40.90	0136-2L
2106.00	cut	Sh/Clst: blk to brn blk	3.1	106.3	1.5	2.9	45.4	56.5	4.4	101.9	62.80	0139-2L
2115.00	cut	Sh/Clst: blk to brn blk	3.0	46.5	0.9	1.2	17.8	26.7	2.0	44.5	45.20	0142-2L

Table 8b: MPLC Bulk Composition: Concentration of EOM and Fraction (wt ppm rock) for well NOCS 6608/10-6

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Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1690.00	cut	Sh/Clst: lt ol gy to ol gy, lt gy to m gy, pl y brn, lt y gn, brn blk	12363	-	-	-	-	-	-	0054-2L
1752.00	cut	Sh/Clst: dsk y brn to drk y brn, blk, lt gy to m gy	16218	-	-	-	-	-	-	0073-1L
1797.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	23333	-	-	-	-	-	-	0087-2L
1818.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	7000	-	-	-	-	-	-	0094-2L
1830.52	ccp	bulk	53378	28878	17202	416	6880	46081	7297	0143-0B
1844.97	ccp	bulk	68280	36685	21053	1339	9202	57738	10542	0144-0B
1853.16	ccp	bulk	43082	21462	12715	319	8584	34177	8904	0145-0B
1867.30	ccp	bulk	41394	19701	13391	681	7619	33093	8300	0148-0B
1871.54	ccp	bulk	33539	15881	11343	327	5987	27225	6314	0149-0B
1883.90	ccp	bulk	75644	38674	26207	1553	9208	64882	10762	0150-0B
1885.00	ccp	bulk	92373	-	-	-	-	-	-	0163-0B
1891.37	ccp	Sh/Clst: blk	44754	4336	14878	14846	10691	19215	25538	0151-1L

Table 8b: MPLC Bulk Composition: Concentration of EOM and Fraction (wt ppm rock) for well NOCS 6608/10-6

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Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1892.48	ccp	bulk	34873	17411	11629	252	5579	29041	5832	0152-0B
1907.50	ccp	Sh/Clst: blk	45974	6948	11712	17982	9330	18660	27313	0154-1L
1913.90	ccp	bulk	100155	44772	39860	597	14924	84633	15521	0155-0B
1918.00	ccp	bulk	86286	-	-	-	-	-	-	0164-0B
1922.80	ccp	bulk	84539	42667	26706	626	14538	69373	15165	0156-0B
1924.65	ccp	bulk	53464	22506	17595	1086	12276	40102	13362	0157-0B
1925.00	ccp	bulk	76952	-	-	-	-	-	-	0165-0B
1943.00	ccp	bulk	46956	-	-	-	-	-	-	0166-0B
1949.52	ccp	bulk	63980	34387	19527	362	9702	53915	10064	0158-0B
1960.67	ccp	bulk	63110	33381	19491	1250	8987	52872	10237	0159-0B
1967.68	ccp	Sh/Clst: blk	21072	1521	6814	6349	6388	8335	12737	0160-1L
1970.81	ccp	bulk	27538	13417	8840	132	5148	22257	5280	0162-0B
1974.00	cut	Sh/Clst: blk to brn blk	26744	423	1377	4495	20447	1801	24943	0098-2L
1989.00	cut	Sh/Clst: blk to brn blk	15734	313	939	4666	9814	1252	14481	0103-2L
2007.00	cut	Sh/Clst: blk to brn blk	27854	460	1382	7575	18435	1843	26011	0108-2L

Table 8b: MPLC Bulk Composition: Concentration of EOM and Fraction (wt ppm rock) for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2049.00	cut	Sh/Clst: blk to brn blk	10072	542	542	3021	5966	1084	8988	0120-2L
2058.00	cut	Sh/Clst: blk to brn blk	18321	405	676	4121	13118	1081	17239	0123-2L
2070.00	cut	Sh/Clst: blk to brn blk	9354	564	564	4838	3387	1129	8225	0127-2L
2085.00	cut	Sh/Clst: blk to brn blk	18626	344	688	7036	10557	1032	17593	0132-2L
2097.00	cut	Sh/Clst: blk to brn blk	15263	341	227	4099	10593	569	14693	0136-2L
2106.00	cut	Sh/Clst: blk to brn blk	34625	475	951	14795	18402	1427	33197	0139-2L
2115.00	cut	Sh/Clst: blk to brn blk	15296	286	381	5849	8778	667	14628	0142-2L

Table 8c: MPLC Bulk Composition: Concentration of EOM and Fraction (mg/g TOC(e)) for well NOCS 6608/10-6

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Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
1690.00	cut	Sh/Clst: lt ol gy to ol gy, lt gy to m gy, pl y brn, lt y gn, brn blk	-	-	-	-	-	-	-	0054-2L
1752.00	cut	Sh/Clst: dsk y brn to drk y brn, blk, lt gy to m gy	-	-	-	-	-	-	-	0073-1L
1797.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	-	-	-	-	-	-	-	0087-2L
1818.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	-	-	-	-	-	-	-	0094-2L
1830.52	ccp	bulk	1390.07	752.06	447.98	10.84	179.19	1200.03	190.04	0143-0B
1844.97	ccp	bulk	1269.16	681.88	391.32	24.90	171.06	1073.20	195.95	0144-0B
1853.16	ccp	bulk	1241.57	618.51	366.44	9.22	247.40	984.94	256.62	0145-0B
1867.30	ccp	bulk	1166.03	554.98	377.21	19.21	214.62	932.20	233.83	0148-0B
1871.54	ccp	bulk	1228.55	581.74	415.53	11.98	219.30	997.26	231.29	0149-0B
1883.90	ccp	bulk	1562.90	799.06	541.49	32.11	190.25	1340.54	222.36	0150-0B
1885.00	ccp	bulk	-	-	-	-	-	-	-	0163-0B
1891.37	ccp	Sh/Clst: blk	74.10	7.18	24.63	24.58	17.70	31.81	42.28	0151-1L

Table 8c: MPLC Bulk Composition: Concentration of EOM and Fraction (mg/g TOC(e)) for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Typ	Lithology	EOM	Sat	Aro	Asph	NSO	HC	Non-HC	Sample
2049.00	cut	Sh/Clst: blk to brn blk	31.98	1.72	1.72	9.59	18.94	3.44	28.53	0120-2L
2058.00	cut	Sh/Clst: blk to brn blk	48.47	1.07	1.79	10.90	34.70	2.86	45.61	0123-2L
2070.00	cut	Sh/Clst: blk to brn blk	29.60	1.79	1.79	15.31	10.72	3.57	26.03	0127-2L
2085.00	cut	Sh/Clst: blk to brn blk	36.38	0.67	1.34	13.74	20.62	2.02	34.36	0132-2L
2097.00	cut	Sh/Clst: blk to brn blk	37.32	0.84	0.56	10.02	25.90	1.39	35.93	0136-2L
2106.00	cut	Sh/Clst: blk to brn blk	55.14	0.76	1.52	23.56	29.30	2.27	52.86	0139-2L
2115.00	cut	Sh/Clst: blk to brn blk	33.84	0.63	0.84	12.94	19.42	1.48	32.36	0142-2L

Table 8d: MPLC Bulk Composition: Material extracted from the rock (%) for well NOCS 6608/10-6

Page: 1

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	Total	HC	Non-HC	Recov. MPLC	Recov. Asph	Sample
1690.00	cut	Sh/Clst: lt ol gy to ol gy, lt gy to m gy, pl y brn, lt y gn, brn blk	-	-	-	-	-	-	-	-	-	0054-2L
1752.00	cut	Sh/Clst: dsk y brn to drk y brn, blk, lt gy to m gy	-	-	-	-	-	-	-	-	-	0073-1L
1797.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	-	-	-	-	-	-	-	-	-	0087-2L
1818.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	-	-	-	-	-	-	-	-	-	0094-2L
1830.52	ccp	bulk	54.10	32.23	0.78	12.89	100.00	86.33	13.67	2.73	0.98	0143-0B
1844.97	ccp	bulk	53.73	30.83	1.96	13.48	100.00	84.56	15.44	2.91	0.98	0144-0B
1853.16	ccp	bulk	49.82	29.51	0.74	19.93	100.00	79.33	20.67	2.30	0.98	0145-0B
1867.30	ccp	bulk	47.60	32.35	1.65	18.41	100.00	79.95	20.05	1.93	0.97	0148-0B
1871.54	ccp	bulk	47.35	33.82	0.98	17.85	100.00	81.17	18.83	1.60	0.97	0149-0B
1883.90	ccp	bulk	51.13	34.65	2.05	12.17	100.00	85.77	14.23	1.83	0.95	0150-0B
1885.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0163-0B
1891.37	ccp	Sh/Clst: blk	9.69	33.25	33.17	23.89	100.00	42.94	57.06	1.35	1.00	0151-1L

Table 8d: MPLC Bulk Composition: Material extracted from the rock (%) for well NOCS 6608/10-6

Page: 2

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	Total	HC	Non-HC	Recov. MPLC	Recov. Asph	Sample
1892.48	ccp	bulk	49.93	33.35	0.73	16.00	100.00	83.28	16.72	1.54	0.96	0152-0B
1907.50	ccp	Sh/Clst: blk	15.11	25.48	39.12	20.29	100.00	40.59	59.41	1.44	1.07	0154-1L
1913.90	ccp	bulk	44.70	39.80	0.60	14.90	100.00	84.50	15.50	2.58	0.98	0155-0B
1918.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0164-0B
1922.80	ccp	bulk	50.47	31.59	0.74	17.20	100.00	82.06	17.94	2.23	0.97	0156-0B
1924.65	ccp	bulk	42.10	32.91	2.03	22.96	100.00	75.01	24.99	2.14	0.98	0157-0B
1925.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0165-0B
1943.00	ccp	bulk	-	-	-	-	-	-	-	-	-	0166-0B
1949.52	ccp	bulk	53.75	30.52	0.57	15.16	100.00	84.27	15.73	2.50	0.98	0158-0B
1960.67	ccp	bulk	52.89	30.88	1.98	14.24	100.00	83.78	16.22	2.04	0.97	0159-0B
1967.68	ccp	Sh/Clst: blk	7.22	32.34	30.13	30.32	100.00	39.55	60.45	1.27	1.01	0160-1L
1970.81	ccp	bulk	48.72	32.10	0.48	18.70	100.00	80.82	19.18	1.29	0.97	0162-0B
1974.00	cut	Sh/Clst: blk to brn blk	1.58	5.15	16.81	76.46	100.00	6.73	93.27	1.18	1.01	0098-2L
1989.00	cut	Sh/Clst: blk to brn blk	1.99	5.97	29.66	62.38	100.00	7.96	92.04	1.37	1.04	0103-2L
2007.00	cut	Sh/Clst: blk to brn blk	1.65	4.96	27.20	66.19	100.00	6.62	93.38	1.29	1.01	0108-2L
2049.00	cut	Sh/Clst: blk to brn blk	5.38	5.38	30.00	59.23	100.00	10.77	89.23	1.70	1.06	0120-2L

Table 8d: MPLC Bulk Composition: Material extracted from the rock (%) for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Typ	Lithology	Sat	Aro	Asph	NSO	Total	HC	Non-HC	Recov. MPLC	Recov. Asph	Sample
2058.00	cut	Sh/Clst: blk to brn blk	2.21	3.69	22.49	71.60	100.00	5.91	94.09	1.37	1.03	0123-2L
2070.00	cut	Sh/Clst: blk to brn blk	6.03	6.03	51.72	36.21	100.00	12.07	87.93	1.85	1.29	0127-2L
2085.00	cut	Sh/Clst: blk to brn blk	1.85	3.70	37.78	56.68	100.00	5.54	94.46	1.39	1.02	0132-2L
2097.00	cut	Sh/Clst: blk to brn blk	2.24	1.49	26.86	69.41	100.00	3.73	96.27	1.35	1.02	0136-2L
2106.00	cut	Sh/Clst: blk to brn blk	1.37	2.75	42.73	53.15	100.00	4.12	95.88	1.34	1.01	0139-2L
2115.00	cut	Sh/Clst: blk to brn blk	1.87	2.50	38.24	57.39	100.00	4.37	95.63	1.75	1.03	0142-2L

Table 8e: MPLC Bulk Composition: Ratios for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Typ	Lithology	Sat	HC	Asp	Sample
			Aro	Non-HC	NSO	
1690.00	cut	Sh/Clst: lt ol gy to ol gy, lt gy to m gy, pl y brn, lt y gn, brn blk	-	-	-	0054-2L
1752.00	cut	Sh/Clst: dsk y brn to drk y brn, blk, lt gy to m gy	-	-	-	0073-1L
1797.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	-	-	-	0087-2L
1818.00	cut	Sh/Clst: dsk y brn to drk y brn, lt gy to m gy, blk, lt gn gy	-	-	-	0094-2L
1830.52	ccp	bulk	1.68	6.31	0.06	0143-0B
1844.97	ccp	bulk	1.74	5.48	0.15	0144-0B
1853.16	ccp	bulk	1.69	3.84	0.04	0145-0B
1867.30	ccp	bulk	1.47	3.99	0.09	0148-0B
1871.54	ccp	bulk	1.40	4.31	0.05	0149-0B
1883.90	ccp	bulk	1.48	6.03	0.17	0150-0B
1885.00	ccp	bulk	-	-	-	0163-0B
1891.37	ccp	Sh/Clst: blk	0.29	0.75	1.39	0151-1L

Table 8e: MPLC Bulk Composition: Ratios for well NOCS 6608/10-6

Depth unit of measure: m

Depth	Typ	Lithology	Sat	HC	Asp	Sample
			Aro	Non-HC	NSO	
1892.48	ccp	bulk	1.50	4.98	0.05	0152-0B
1907.50	ccp	Sh/Clst: blk	0.59	0.68	1.93	0154-1L
1913.90	ccp	bulk	1.12	5.45	0.04	0155-0B
1918.00	ccp	bulk	-	-	-	0164-0B
1922.80	ccp	bulk	1.60	4.57	0.04	0156-0B
1924.65	ccp	bulk	1.28	3.00	0.09	0157-0B
1925.00	ccp	bulk	-	-	-	0165-0B
1943.00	ccp	bulk	-	-	-	0166-0B
1949.52	ccp	bulk	1.76	5.36	0.04	0158-0B
1960.67	ccp	bulk	1.71	5.16	0.14	0159-0B
1967.68	ccp	Sh/Clst: blk	0.22	0.65	0.99	0160-1L
1970.81	ccp	bulk	1.52	4.21	0.03	0162-0B
1974.00	cut	Sh/Clst: blk to brn blk	0.31	0.07	0.22	0098-2L
1989.00	cut	Sh/Clst: blk to brn blk	0.33	0.09	0.48	0103-2L
2007.00	cut	Sh/Clst: blk to brn blk	0.33	0.07	0.41	0108-2L