

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
970113	PSPUD		1.61			/		/					KCl MUD
970114	PSPUD		1.61			/		/					KCl MUD
970115	PSPUD		1.61			/		/					KCl MUD
970116	PSPUD		1.61			/		/					KCl MUD
970117	PSPUD		1.61			/		/					KCl MUD
970118	36"		1.03			/		/					SPUD MUD
970119	36"		1.03			/		/					SPUD MUD
970120	24"		1.03	22.0	36.0	18/38	9.3	/					SPUD MUD
970121	9 7/8"		1.03	24.0	32.0	15/31	9.3	/					SPUD MUD
970122	24"		1.03	26.0	36.0	15/31	9.3	/					SPUD MUD
970123	24"		1.20	31.0	22.0	10/23	9.6	/					SPUD MUD
970124	24"		1.22	20.0	20.0	4/5		/					KCl MUD
970125	24"		1.22	20.0	20.0	4/5		/					KCl MUD
970126	24"		1.22	20.0	20.0	4/5		/					KCl MUD
970127	24"		1.22	20.0	20.0	4/5		/					KCl MUD
970128	24"	1110.0	1.22	20.0	20.0	4/5		/					KCl MUD
970129	24"	1110.0	1.21	23.0	21.0	4/6	8.6	.2/.9	1600	65000		4.7	KCl MUD
970130	24"	1110.0	1.21	19.0	19.0	4/6	9.0	.2/.5	400	91000	.4	5.2	KCl MUD
970131	24"	1110.0	1.21	19.0	19.0	4/6	9.0	.2/.5	400	91000	.4	5.2	KCl MUD
970201	24"	1110.0	1.21	19.0	19.0	4/6	9.0	.2/.5	400	91000	.4	5.2	KCl MUD
970202	17 1/2"	1110.0	1.22	21.0	23.0	4/6	9.0	.2/.5		80000	.4	6.2	KCl MUD
970203	17 1/2"	1383.0	1.24	24.0	27.0	5/10	10.2	.2/.5	480	83000	.4	6.5	KCl MUD
970204	17 1/2"	1383.0	1.24	24.0	27.0	5/10	10.2	.2/.5	480	83000	.4	6.5	KCl MUD
970205	17 1/2"	1410.0	1.26	26.0	30.0	10/16	9.8	.2/.5	480	83000	.4	6.5	KCl MUD
970206	17 1/2"	1819.0	1.45	42.0	43.0	8/16	9.0	.1/.4	380	84000	.4	11.9	KCl MUD
970207	17 1/2"	1819.0	1.45	42.0	43.0	8/16	9.0	.1/.4	380	84000	.4	11.9	KCl MUD
970208	17 1/2"	1819.0	1.45	42.0	43.0	8/16	9.0	.1/.4	380	84000	.4	11.9	KCl MUD

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
970209	17 1/2"	2022.0	1.53	47.0	44.0	10/21	8.8	.1/.3	380	86000	.4	15.5	KCl MUD
970210	17 1/2"	2260.0	1.57	37.0	38.0	8/16	8.5	.1/.1	360	86000	.3	16.7	KCl MUD
970211	17 1/2"	2260.0	1.57	37.0	38.0	8/16	8.5	.1/.1	360	86000	.3	16.7	KCl MUD
970212	17 1/2"	2260.0	1.57	34.0	37.0	8/16	8.5	.1/.1	360	86000	.3	16.7	KCl MUD
970213	17 1/2"	2260.0	1.57	34.0	37.0	8/16	8.5	.1/.1	360	86000	.3	16.7	KCl MUD
970214	17 1/2"	2260.0	1.57	34.0	37.0	8/16	8.5	.1/.1	360	86000	.3	16.7	KCl MUD
970215	12 1/4"	2524.0	1.65	21.0	12.0	3/8		/			.5	24.5	OIL BASED
970216	12 1/4"	2969.0	1.68	35.0	16.0	11/24		/			.5	25.0	OIL BASED
970217	12 1/4"	3219.0	1.69	38.0	18.0	10/28		/			.6	26.0	OIL BASED
970218	12 1/4"	3544.0	1.69	35.0	16.0	11/21		/			.6	27.0	OIL BASED
970219	12 1/4"	3640.0	1.69	40.0	18.0	12/22		/			.6	27.5	OIL BASED
970220	12 1/4"	3640.0	1.69	34.0	14.0	10/23		/			.5	27.0	OIL BASED
970221	12 1/4"	3640.0	1.69	34.0	14.0	10/23		/			.5	27.0	OIL BASED
970222	12 1/4"	3640.0	1.69	34.0	14.0	10/23		/			.5	27.0	OIL BASED
970223	12 1/4"	3640.0	1.69	34.0	14.0	10/23		/			.5	27.0	OIL BASED
970224	12 1/4"	3640.0	1.69	40.0	14.0	10/25		/			.5	27.0	OIL BASED
970225	12 1/4"	3640.0	1.69	44.0	17.0	13/31		/			.5	26.0	OIL BASED
970226	12 1/4"	3640.0	1.69	41.0	20.0	13/24		/				26.0	OIL BASED
970227	12 1/4"	3679.0	1.70	43.0	21.0	11/24		/			.5	29.0	OIL BASED
970228	12 1/4"	3754.0	1.69	44.0	21.0	14/24		/			.5	27.0	OIL BASED
970301	12 1/4"	3754.0	1.69	45.0	19.0	14/24		/			.5	26.5	OIL BASED
970302	12 1/4"	3761.0	1.69	47.0	22.0	14/27		/			.5	26.5	OIL BASED
970303	12 1/4"	4110.0	1.70	40.0	20.0	10/21		/			.5	26.5	OIL BASED
970304	12 1/4"	4260.0	1.70	45.0	22.0	12/32		/			.5	27.0	OIL BASED
970305	12 1/4"	4260.0	1.70	48.0	23.0	12/34		/			.5	27.0	OIL BASED
970306	12 1/4"	4291.0	1.72	46.0	24.0	14/35		/			.5	27.5	OIL BASED
970307	12 1/4"	4291.0	1.72	47.0	25.0	15/35		/			.5	28.0	OIL BASED

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
970308	12 1/4"	4291.0	1.72	48.0	25.0	15/36		/			.5	28.0	OIL BASED
970309	12 1/4"	4291.0	1.72	48.0	25.0	15/36		/			.5	28.0	OIL BASED
970310	12 1/4"	4291.0	1.72	50.0	21.0	15/40		/			.5	28.0	OIL BASED
970311	12 1/4"	4291.0	1.72	50.0	22.0	16/40		/			.5	28.0	OIL BASED
970312	12 1/4"	4291.0	1.72	50.0	23.0	16/39		/			.5	28.0	OIL BASED
970313	12 1/4"	4291.0	1.72	49.0	23.0	15/39		/			.5	28.0	OIL BASED
970314	12 1/4"	4415.0	1.72	42.0	17.0	12/24		/			2.7	27.0	OIL BASED
970315	12 1/4"	4415.0	1.72	42.0	17.0	12/24		/			2.7	27.0	OIL BASED
970316	12 1/4"	4415.0	1.72	47.0	19.0	16/43		/			.8	28.0	OIL BASED
970317	12 1/4"	4415.0	1.72	47.0	20.0	15/36		/			1.0	27.5	OIL BASED
970318	12 1/4"	4415.0	1.72	45.0	21.0	15/38		/			1.0	27.5	OIL BASED
970319	12 1/4"	4415.0	1.72	47.0	21.0	17/40		/		94	1.0	28.0	OIL BASED
970320	12 1/4"	4415.0	1.72	44.0	22.0	14/38		/		94	1.0	28.0	OIL BASED
970321	12 1/4"	4415.0	1.74	45.0	20.0	14/37		/		94	1.0	28.5	OIL BASED
970322	12 1/4"	4415.0	1.74	45.0	20.0	14/37		/		94	1.0	28.5	OIL BASED
970323	12 1/4"	4415.0	1.74	44.0	20.0	14/37		/		94	1.0	28.5	OIL BASED
970324	12 1/4"	4415.0	1.74	45.0	20.0	14/37		/		94	1.0	28.5	OIL BASED
970325	12 1/4"	4415.0	1.74	45.0	20.0	14/37		/		94	1.0	28.5	OIL BASED
970326	12 1/4"	4415.0	1.74	45.0	20.0	14/37		/		94	1.0	28.5	OIL BASED
970327	12 1/4"	4415.0	1.74	45.0	20.0	14/37		/		94	1.0	28.5	OIL BASED
970328	12 1/4"	4415.0	1.74	45.0	20.0	14/37		/		94	1.0	28.5	OIL BASED
970329	12 1/4"	4415.0	1.74	61.0	39.0	26/46		/		94	1.0	28.5	OIL BASED
970330	12 1/4"					/		/					OIL BASED
970401	T&A					/		/					OIL BASED
970402	T&A					/		/					OIL BASED
970403	T&A					/		/					WATER BASED
970404	T&A					/		/					WATER BASED

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
970405	T&A					/		/					WATER BASED

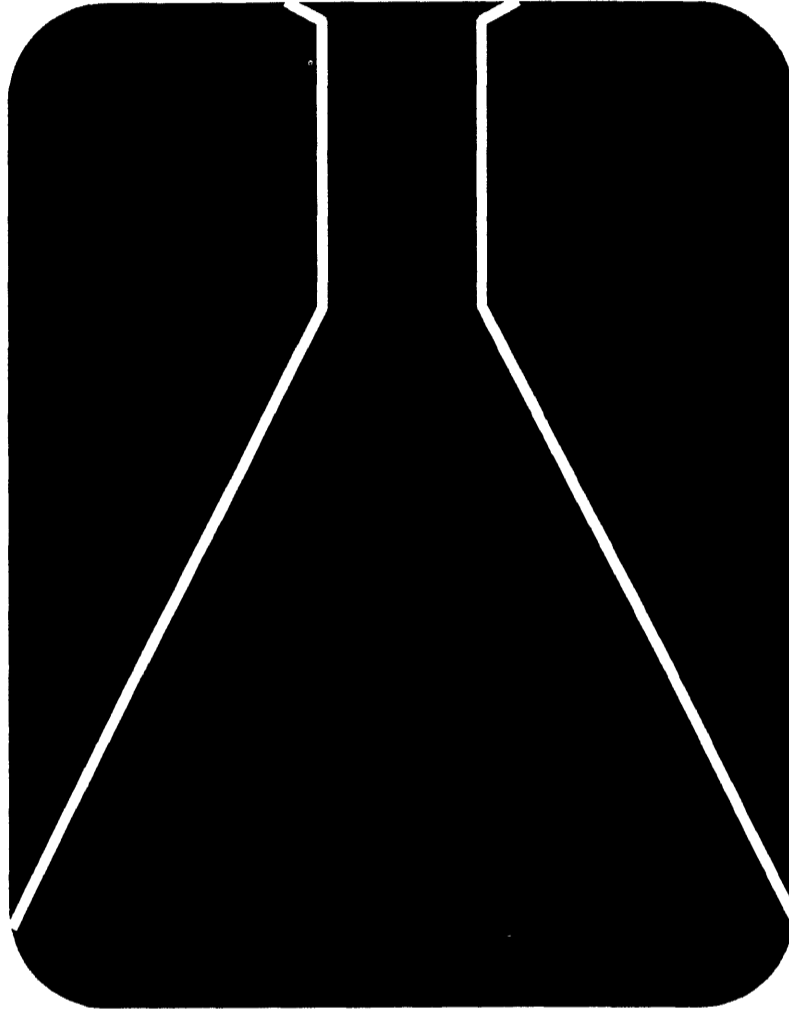
## Mud Materials Used

6.2.2

WELL 6406/2-4S

Material	Unit	36"	24"	17 1/2"	12 1/4"	P&A	Total
Anco 208	KG			26470			26470
Anco Vert P	KG				16650		16650
Anco Vert S	KG				10150		10150
Anco Vert Vis	KG				8925	700	9625
Anco Vert F	KG				7250		7250
Anco Vert M	KG				2090	190	2280
CaCl <sub>2</sub>	KG				17850	400	18250
Anco Vert mud	M3				229	485	714
Anco Vert Transfer	M3				617	317	934
Anco Tec B	L				9400		9400
Barite	MT	98	179	252	776	10	1315
Base oil	M3				498		498
Bentonite	MT	35	57				92
Celpol SL	KG		725	3500			4225
Citric Acid	KG			575			575
KCL Brine	M3			339			339
KCL Powder	KG			22000			22000
Lime	KG	200	800		13000		14000
Sod. Bicarb	KG			950			950
Soda Ash	KG	350	1150	25			1525
CMC-EHV	KG	450	1725				2175
Flowzan	KG			800	225	75	1100
Rhodopol 23P	KG	175	650	1300			2125
Lampac LV	KG			5550			5550

**Data Report**  
**Well NOCS 6406/2-4S**



**GEOLAB NOR**  
**P.O. Box 5740**  
**7002 TRONDHEIM**  
**NORWAY**

# DATA REPORT

## GEOLAB NOR AS

PO Box 5740 Fossegrenda  
N-7002 Trondheim  
Norway

Tel: (47) 73 964000  
Fax: (47) 73 968728  
Tlx: 65706 geono n

Internet: firmapost@geolab-  
nor.telemax no  
X.400: S=firmapost, O=geolab-  
nor, A=telemax, C=no

Customer:

## SAGA PETROLEUM

P.O.BOX 490  
1301 SANDVIKA

REF(S)

Call-off order No. K-FK-94-018/  
EUG-007

TITLE

WELL NO. 6406/2-4S

AUTHOR(S)

Marianne Sandstad

GEOLAB PROJECT NO.

62360

DATE

21.01.98

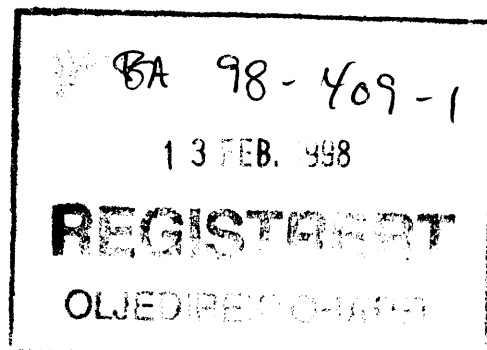
PROJECT LEADER

Kjell Arne Bakken

QUALITY CONTROL

Åshild Linnestad  
Lab.Manager

Frontpage



WELL NO.: 6406/2-4S

**Contents:**

- Table 1: Headspace and Cuttings Gas
- Table 2: Lithology description
- Table 3: Rock Eval



All analysis are performed according to "The Norwegian Industry Guide to Organic Geochemical Analysis, Third edition, 1993". Analytical procedures are not enclosed in this report.

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1120.00	2515	4	5	1	1	5	2525	10	0.4	1.24
1130.00	10851	10	10	2	2	5	10875	24	0.2	1.04
1140.00	6205		2	1		2	6209	3	0.1	1.56
1150.00	36108	32	23	6	4	19	36173	65	0.2	1.36
1160.00	39666	32	19	5	3	32	39725	59	0.1	1.39
1170.00	29986	22	14	4	3	19	30028	42	0.1	1.59
1180.00	17841	14	8	2	1	56	17866	26	0.1	1.55
1190.00	15355	14	8	2	2	9	15380	25	0.2	1.20
1200.00	23465	21	10	2	2	8	23501	36	0.2	1.18
1210.00	14353	19	12	2	3	6	14388	36	0.2	0.95
1220.00	20290	15	7	1	2	15	20316	26	0.1	0.81
1230.00	62912	65	30	6	6	16	63019	107	0.2	1.01
1240.00	31848	32	22	4	3	9	31909	61	0.2	1.13
1250.00	41852	42	22	5	4	11	41925	73	0.2	1.10
1260.00	86102	76	43	10	10	25	86241	139	0.2	1.08
1270.00	57732	57	36	8	8	16	57841	109	0.2	1.05
1280.00	82372	68	44	10	6	19	82499	127	0.2	1.60
1290.00	25541	28	19	6	3	13	25598	57	0.2	1.88
1310.00	16910	21	18	6	2	16	16957	47	0.3	2.34
1320.00	34469	33	23	9	3	20	34538	68	0.2	2.71
1330.00	35529	32	21	11	3	26	35596	67	0.2	3.38
1340.00	22360	22	15	7	3	20	22408	47	0.2	2.70
1350.00	37159	40	25	10	4	28	37239	80	0.2	2.40
1360.00	35483	36	20	9	3	27	35551	67	0.2	2.61
1370.00	33636	39	21	7	3	36	33706	70	0.2	2.00
1380.00	13740	27	19	7	4	41	13797	57	0.4	2.06
1390.00	52485	46	22	6	4	16	52563	78	0.1	1.68

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1400.00	111637	121	50	14	8	33	111829	192	0.2	1.82
1410.00	20335	29	14	4	2	11	20386	50	0.2	1.87
1420.00	26181	32	15	7	2	16	26236	56	0.2	3.25
1430.00	13394	19	9	5	1	6	13429	35	0.3	4.87
1440.00	29891	39	18	12	2	9	29962	71	0.2	4.85
1450.00	22595	32	15	14	1	15	22658	63	0.3	10.99
1460.00	30221	42	19	16	2	19	30299	78	0.3	9.58
1470.00	14407	24	13	12	1	14	14457	50	0.3	7.92
1480.00	32621	50	21	13	2	15	32708	86	0.3	5.42
1490.00	21260	34	15	8	2	9	21319	58	0.3	5.11
1500.00	12913	24	14	6	2	6	12959	46	0.4	3.55
1510.00	22180	43	19	8	2	10	22252	72	0.3	4.52
1520.00	39048	65	46	12	3	26	39174	126	0.3	3.43
1530.00	42423	70	37	8	2	13	42540	117	0.3	4.58
1540.00	43207	80	49	7	3	11	43345	138	0.3	2.57
1550.00	25256	56	30	6	2	12	25350	94	0.4	2.44
1560.00	44158	88	39	7	3	12	44295	137	0.3	2.25
1570.00	44160	93	41	4	2	6	44299	139	0.3	1.86
1580.00	50956	115	59	6	4	9	51139	183	0.4	1.47
1590.00	73764	164	82	7	4	8	74020	257	0.3	1.94
1600.00	35785	104	64	6	3	6	35962	178	0.5	2.30
1610.00	58173	169	97	10	5	10	58454	281	0.5	2.06
1620.00	45042	137	94	11	5	9	45288	247	0.5	2.37
1630.00	29214	118	97	12	5	8	29446	233	0.8	2.34
1640.00	70995	237	180	28	10	16	71450	455	0.6	2.83
1650.00	44136	167	176	43	11	16	44533	396	0.9	4.03
1660.00	19805	95	119	30	7	14	20057	252	1.3	4.09

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
1670.00	44179	177	181	56	11	31	44603	425	1.0	4.97
1680.00	58389	234	250	80	17	57	58970	581	1.0	4.82
1690.00	7335	48	79	21	5	18	7489	154	2.1	3.92
1700.00	15232	87	105	35	7	22	15465	234	1.5	5.00
1710.00	33629	125	112	30	8	27	33905	276	0.8	3.59
1720.00	21866	99	88	22	8	22	22083	217	1.0	2.66
1730.00	19472	85	83	19	12	67	19671	199	1.0	1.62
1740.00	41075	175	184	31	26	112	41491	416	1.0	1.17
1750.00	45619	186	189	22	22	32	46038	419	0.9	0.98
1760.00	25707	120	126	17	17	172	25987	280	1.1	1.00
1770.00	51497	237	221	22	25	113	52002	505	1.0	0.90
1780.00	29005	149	148	16	16	22	29334	329	1.1	0.99
1790.00	49703	254	212	22	21	137	50212	509	1.0	1.03
1800.00	62702	303	252	32	23	125	63312	610	1.0	1.42
1810.00	16057	101	112	15	12	20	16298	240	1.5	1.28
1820.00	19272	119	136	19	14	27	19560	289	1.5	1.35
1830.00	76647	469	340	77	33	134	77566	919	1.2	2.35
1840.00	63201	353	251	82	22	48	63910	709	1.1	3.70
1850.00	34899	275	235	69	23	117	35501	602	1.7	2.95
1860.00	87917	566	400	84	39	258	89006	1089	1.2	2.17
1870.00	25416	161	104	17	13	99	25711	295	1.1	1.36
1880.00	27866	188	121	24	13	57	28212	346	1.2	1.83
1890.00	42240	226	130	20	12	55	42629	389	0.9	1.64
1900.00	28899	184	102	15	9	36	29209	311	1.1	1.67
1910.00	23996	189	121	23	12	59	24341	345	1.4	1.81
1920.00	54169	429	222	55	20	100	54895	726	1.3	2.70
1930.00	27054	213	112	37	10	38	27427	372	1.4	3.61



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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
2280.00	41155	982	152	15	11	93	42314	1160	2.7	1.37
2300.00	148461	4548	886	94	60	404	154049	5588	3.6	1.56
2310.00	121998	2912	470	56	37	427	125473	3475	2.8	1.52
2320.00	34353	844	135	15	9	68	35355	1002	2.8	1.70
2330.00	69965	2168	417	53	29	48	72631	2666	3.7	1.82
2340.00	25486	700	132	17	10	103	26344	859	3.3	1.73
2350.00	18407	497	89	12	6	40	19011	604	3.2	1.84
2360.00	-	-	-	-	-	-	-	-	-	-
2370.00	-	-	-	-	-	-	-	-	-	-
2380.00	22796	607	138	28	16	178	23584	788	3.3	1.79
2390.00	25940	794	189	39	22	176	26984	1044	3.9	1.78
2400.00	17458	649	171	35	18	131	18330	872	4.8	1.96
2410.00	18162	1007	335	77	36	256	19618	1455	7.4	2.13
2420.00	7274	1007	547	169	88	251	9085	1811	19.9	1.92
2430.00	35935	4281	1529	357	166	161	42268	6333	15.0	2.15
2440.00	5157	274	91	22	11	66	5555	398	7.2	2.08
2450.00	27703	833	192	41	22	182	28790	1088	3.8	1.89
2460.00	-	-	-	-	-	-	-	-	-	-
2470.00	5250	840	278	74	40	59	6483	1233	19.0	1.85
2480.00	100	144	83	43	30	82	398	299	75.0	1.46
2490.00	55	37	7	6	7	43	112	57	50.7	0.97
2500.00	46	27	13	6	6	134	99	53	53.3	0.94
2510.00	56984	7265	3428	839	626	480	69142	12158	17.6	1.34
2520.00	8099	1422	605	158	112	146	10396	2297	22.1	1.41
2530.00	-	-	-	-	-	-	-	-	-	-
2540.00	2882	625	326	100	76	169	4010	1128	28.1	1.31
2550.00	3059	461	252	68	56	156	3896	837	21.5	1.20

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas  
( $\mu$ l gas/kg rock)

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 nC4
2560.00	6002	835	602	157	155	332	7751	1750	22.6	1.02
2570.00	18051	1860	1213	278	289	359	21691	3640	16.8	0.96
2580.00	3847	787	450	112	101	154	5298	1451	27.4	1.10
2590.00	12530	972	510	96	104	194	14212	1682	11.8	0.92
2600.00	7192	656	383	78	82	154	8391	1199	14.3	0.95
2610.00	2868	139	55	10	11	87	3084	216	7.0	0.92
2620.00	7129	237	116	26	30	109	7538	409	5.4	0.87
2630.00	17554	895	437	88	90	108	19064	1510	7.9	0.98
2640.00	20626	2207	1497	329	338	341	24996	4370	17.5	0.97
2650.00	4501	573	505	130	145	184	5854	1354	23.1	0.90
2660.00	7048	485	303	65	67	71	7967	919	11.5	0.96
2670.00	2090	274	211	48	51	55	2675	585	21.9	0.94
2700.00	6656	565	272	49	55	58	7595	939	12.4	0.89
2710.00	9714	563	235	40	44	49	10596	882	8.3	0.91
2720.00	9419	438	161	27	30	32	10074	655	6.5	0.90
2730.00	6981	435	166	28	31	33	7641	660	8.6	0.89
2740.00	731	147	95	19	22	15	1013	282	27.9	0.90
2750.00	10123	1536	831	139	168	113	12796	2673	20.9	0.83
2760.00	4919	795	446	71	87	58	6318	1399	22.1	0.81
2770.00	8751	1397	824	130	169	116	11272	2521	22.4	0.77
2780.00	6756	916	451	61	77	52	8262	1506	18.2	0.79
2790.00	6709	1106	613	90	116	86	8635	1926	22.3	0.77
2800.00	7331	1237	729	108	108	118	9513	2182	22.9	1.00
2810.00	5354	872	454	63	82	59	6825	1471	21.6	0.76
2820.00	4607	959	595	87	112	81	6360	1753	27.6	0.77
2830.00	3128	989	818	134	177	115	5246	2118	40.4	0.76
2840.00	9468	1620	936	137	180	97	12341	2873	23.3	0.76

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
2850.00	20095	2837	1379	193	244	16	24747	4653	18.8	0.79
2860.00	28141	3752	1867	269	332	280	34362	6221	18.1	0.81
2870.00	18760	2786	1442	215	257	286	23460	4700	20.0	0.84
2880.00	24855	3501	1952	302	372	564	30982	6128	19.8	0.81
2890.00	5732	1512	1170	188	235	267	8836	3105	35.1	0.80
2900.00	2789	741	644	129	163	253	4466	1677	37.5	0.79
2910.00	1309	409	378	66	81	324	2243	934	41.6	0.82
2920.00	10281	1497	773	118	130	254	12800	2519	19.7	0.91
2930.00	67	31	79	24	34	91	235	168	71.6	0.70
2940.00	68	58	169	53	68	125	415	347	83.6	0.77
2950.00	9782	1284	539	74	69	72	11748	1966	16.7	1.08
2960.00	12687	1832	849	128	127	220	15624	2937	18.8	1.01
2970.00	1432	268	156	25	22	55	1904	472	24.8	1.11
2980.00	3558	1123	912	162	154	276	5909	2351	39.8	1.05
2990.00	6388	1138	583	94	87	133	8291	1902	22.9	1.08
3000.00	10200	1996	1078	182	152	250	13609	3409	25.0	1.20
3010.00	7932	1258	560	92	69	137	9911	1980	20.0	1.33
3020.00	4436	737	329	54	42	107	5597	1161	20.7	1.28
3030.00	8849	1322	560	96	68	183	10895	2046	18.8	1.42
3040.00	6805	808	294	53	37	120	7998	1193	14.9	1.43
3050.00	5526	865	339	64	40	87	6835	1309	19.1	1.60
3060.00	4930	734	303	59	37	103	6064	1134	18.7	1.59
3070.00	3852	599	240	47	30	75	4768	916	19.2	1.60
3080.00	3435	727	371	93	55	188	4680	1245	26.6	1.71
3090.00	8439	1634	662	158	87	237	10980	2541	23.1	1.83
3100.00	4765	663	234	49	29	51	5741	976	17.0	1.67
3110.00	4119	689	279	66	40	58	5192	1073	20.7	1.67



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



Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3120.00	8279	872	243	46	27	60	9467	1188	12.5	1.72
3130.00	7507	860	270	57	33	49	8727	1220	14.0	1.75
3140.00	6983	933	285	63	35	65	8298	1315	15.9	1.81
3150.00	6344	763	235	52	27	67	7420	1076	14.5	1.95
3160.00	48	26	66	41	28	78	209	161	77.1	1.46
3170.00	4332	534	165	37	19	28	5086	754	14.8	1.98
3180.00	16580	2017	637	146	75	131	19456	2876	14.8	1.95
3190.00	13711	1987	672	150	76	98	16596	2885	17.4	1.97
3200.00	5587	680	266	60	41	72	6634	1047	15.8	1.46
3210.00	6625	904	345	79	46	74	7999	1375	17.2	1.70
3220.00	3900	531	209	46	28	92	4715	815	17.3	1.64
3230.00	4296	667	313	73	46	108	5394	1099	20.4	1.60
3240.00	5168	373	120	23	15	53	5699	532	9.3	1.55
3250.00	3098	607	260	54	33	47	4052	955	23.6	1.67
3270.00	3045	550	241	48	30	71	3914	869	22.2	1.59
3280.00	3553	617	287	62	38	125	4557	1004	22.0	1.60
3290.00	3990	735	347	72	51	76	5194	1204	23.2	1.42
3300.00	2790	526	231	43	30	50	3620	830	22.9	1.47
3310.00	1207	269	128	22	17	20	1642	435	26.5	1.35
3320.00	980	162	85	15	12	24	1255	275	21.9	1.26
3330.00	1619	246	109	19	15	18	2008	389	19.4	1.27
3340.00	1981	485	260	50	41	39	2817	835	29.7	1.23
3350.00	7328	1375	647	111	96	100	9557	2229	23.3	1.16
3360.00	5316	1079	546	97	87	121	7125	1809	25.4	1.11
3370.00	4440	1103	590	101	96	74	6330	1890	29.9	1.05
3380.00	17324	3643	1847	300	301	271	23416	6091	26.0	0.99
3390.00	2946	604	299	48	49	51	3947	1000	25.3	0.98

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
3400.00	187	56	40	7	8	9	299	111	37.3	0.88
3410.00	3525	831	397	59	66	49	4878	1353	27.7	0.89
3420.00	2728	642	342	55	66	55	3833	1105	28.8	0.83
3430.00	1160	186	88	13	16	15	1464	304	20.7	0.80
3440.00	6931	1547	719	101	128	1979	9427	2496	26.5	0.79
3450.00	5887	1236	506	65	84	59	7778	1891	24.3	0.77
3460.00	3298	725	305	37	52	39	4417	1120	25.3	0.73
3470.00	6338	1608	784	101	145	122	8977	2639	29.4	0.70
3480.00	1738	572	326	43	63	68	2743	1005	36.6	0.69
3490.00	5118	1631	905	129	173	138	7956	2838	35.7	0.75
3500.00	2588	409	225	34	41	44	3297	708	21.5	0.82
3510.00	908	294	196	27	39	35	1466	557	38.0	0.69
3520.00	653	248	197	30	48	55	1176	522	44.4	0.63
3530.00	991	288	229	34	62	112	1605	614	38.2	0.56
3540.00	1474	503	416	64	114	117	2571	1098	42.7	0.56
3550.00	939	252	216	37	64	123	1508	569	37.7	0.58
3560.00	5011	1065	743	114	192	196	7124	2113	29.7	0.59
3570.00	4128	719	623	103	172	210	5745	1617	28.1	0.60
3580.00	2687	950	806	134	205	262	4782	2095	43.8	0.65
3590.00	646	127	121	23	32	50	949	303	31.9	0.71
3600.00	1146	183	164	30	45	219	1568	423	26.9	0.67
3610.00	727	101	72	11	18	66	929	203	21.8	0.63
3620.00	726	96	81	14	22	93	938	212	22.6	0.61
3640.00	599	91	80	14	20	47	804	205	25.5	0.70
3650.00	49	11	27	6	12	39	105	56	53.5	0.51
3660.00	4	1	8	4	9	11	26	21	83.2	0.43
3680.00	106	14	26	5	11	37	163	57	34.7	0.46

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3690.00	35	8	21	5	12	26	81	47	57.3	0.43
3700.00	107	20	32	6	10	15	175	69	39.1	0.61
3710.00	195	43	54	9	15	21	317	122	38.5	0.60
3720.00	1303	383	344	49	69	81	2148	845	39.3	0.70
3730.00	2010	426	322	435	541	29	3734	1724	46.2	0.80
3740.00	218	27	42	9	11	22	308	89	29.0	0.77
3760.00	451	76	80	16	16	32	639	188	29.4	1.05
3770.00	542	77	80	176	160	14	1035	493	47.6	1.10
3780.00	4936	970	869	166	143	129	7084	2148	30.3	1.16
3790.00	794	140	139	307	265	55	1645	851	51.7	1.16
3800.00	6251	1755	1827	372	321	220	10525	4275	40.6	1.16
3810.00	2004	485	504	1148	920	89	5061	3057	60.4	1.25
3820.00	2355	708	970	261	219	225	4512	2158	47.8	1.19
3830.00	2004	369	289	538	426	33	3626	1622	44.7	1.26
3840.00	4037	1097	1269	267	237	200	6907	2870	41.6	1.13
3850.00	3821	843	944	2118	1897	265	9622	5801	60.3	1.12
3860.00	1799	472	654	148	135	131	3208	1409	43.9	1.10
3870.00	466	113	149	36	32	27	796	330	41.5	1.13
3880.00	499	107	145	34	30	26	815	315	38.7	1.13
3890.00	450	100	138	34	32	41	754	304	40.3	1.08
3900.00	698	208	274	57	52	42	1290	592	45.9	1.10
3910.00	943	165	195	43	33	33	1380	436	31.6	1.31
3920.00	-	-	-	-	-	-	-	-	-	-
3930.00	523	112	145	31	28	33	839	316	37.6	1.13
3940.00	171	63	113	30	29	27	406	234	57.8	1.03
3960.00	744	87	112	24	22	41	988	244	24.7	1.10
3970.00	327	95	149	30	26	25	628	300	47.8	1.17

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3980.00	129	69	180	50	45	42	473	344	72.7	1.10
3990.00	670	100	121	24	21	22	936	266	28.4	1.14
4000.00	325	62	99	21	20	32	526	201	38.3	1.06
4010.00	376	52	66	11	11	16	515	140	27.1	1.01
4020.00	414	55	63	11	11	17	554	141	25.4	1.00
4030.00	385	48	53	9	9	15	504	119	23.6	1.02
4040.00	429	70	87	18	16	15	619	190	30.8	1.10
4050.00	282	55	91	22	22	29	472	190	40.2	0.98
4060.00	94	19	42	11	11	27	177	83	46.7	0.95
4070.00	6	1	5	6	8	23	27	21	78.2	0.68
4080.00	130	16	23	5	5	10	179	49	27.4	0.90
4090.00	186	28	46	12	14	29	286	100	35.0	0.81
4100.00	194	64	115	23	27	37	423	229	54.2	0.84
4110.00	148	26	63	19	24	39	281	133	47.3	0.80
4120.00	197	8	7	3	2	78	218	21	9.5	1.19
4130.00	159	6	5	2	2	82	174	16	9.0	0.91
4140.00	479	90	117	18	24	31	728	249	34.2	0.73
4150.00	146	36	85	14	26	31	307	161	52.3	0.53
4160.00	96	26	48	11	16	24	198	101	51.2	0.67
4170.00	220	47	74	13	23	32	375	156	41.5	0.55
4180.00	702	113	114	16	25	29	969	267	27.6	0.66
4190.00	128	25	42	8	14	17	217	89	41.0	0.62
4200.00	389	67	79	10	19	23	563	174	31.0	0.56
4210.00	155	40	66	11	20	26	292	136	46.7	0.57
4220.00	204	48	53	8	15	22	329	124	37.9	0.55
4230.00	801	161	121	16	26	40	1126	324	28.8	0.61
4240.00	148	30	23	4	6	16	211	63	29.7	0.66

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
4250.00	552	63	39	7	8	13	669	117	17.4	0.81
4260.00	4322	495	234	44	53	60	5149	827	16.1	0.82
4270.00	799	105	49	9	11	23	973	174	17.9	0.82
4300.00	1993	419	199	28	39	45	2678	685	25.6	0.73
4310.00	486	65	27	4	5	7	587	101	17.2	0.73
4320.00	553	109	66	12	17	21	756	203	26.9	0.70
4330.00	624	145	89	16	22	31	897	272	30.3	0.70
4340.00	251	45	25	5	7	24	333	82	24.5	0.67
4350.00	429	68	43	9	13	26	561	132	23.6	0.67
4360.00	321	63	41	8	12	20	445	124	27.9	0.64
4370.00	115	17	10	2	3	8	148	33	22.1	0.62
4380.00	339	64	36	6	11	23	457	117	25.7	0.59
4390.00	108	9	5	1	2	8	125	17	13.5	0.59
4400.00	1825	242	97	13	23	31	2200	375	17.1	0.53
4410.00	1288	161	69	9	17	23	1545	257	16.6	0.54
4420.00	449	54	29	4	8	11	545	96	17.6	0.53
4430.00	180	26	16	2	5	9	229	49	21.5	0.47
4440.00	309	42	19	3	5	9	379	70	18.4	0.56
4450.00	133	23	12	2	3	18	173	40	22.9	0.52
4460.00	197	28	13	2	4	9	243	46	18.8	0.46
4470.00	628	102	51	6	12	31	800	173	21.6	0.52
4480.00	172	32	13	2	3	7	221	50	22.4	0.51
4490.00	203	34	18	2	4	22	262	59	22.5	0.54
4500.00	152	16	6	1	2	16	176	25	13.9	0.53
4510.00	68	10	6	1	2	7	86	18	20.8	0.63
4520.00	85	17	9	1	2	7	114	29	25.8	0.64
4530.00	274	43	27	4	7	15	355	81	22.9	0.63



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



Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1120.00	152	1				1	153	2	1.0	0.44
1130.00	144	1	1		-	-	145	2	1.1	-
1140.00	161	7	3		1	7	172	11	6.6	0.33
1150.00	89	4	1			4	95	5	5.8	0.43
1160.00	7						8	1	9.3	4.53
1170.00	53	4	2		1	4	60	7	11.8	0.15
1180.00	77	7	4		1	6	90	12	13.5	0.29
1190.00	96	6	3		1	5	107	11	10.1	0.30
1200.00	90	5	3		1	2	99	10	9.7	0.28
1210.00	111	6	4		1	4	122	11	8.6	0.43
1220.00	96	6	3		1	5	106	10	9.4	0.35
1230.00	169	8	6	1	2	9	185	16	8.6	0.42
1240.00	88	5	3		1	7	97	9	9.1	0.41
1250.00	244	9	5	1	1	9	259	15	5.9	0.42
1260.00	173	7	5	1	1	19	187	14	7.6	0.42
1270.00	159	12	8	1	2	21	181	23	12.5	0.34
1280.00	114	10	6	1	2	16	133	19	14.0	0.38
1290.00	87	6	4		1	12	98	11	11.2	0.45
1310.00	95	5	3		1	9	104	10	9.1	0.31
1320.00	59	3	2			4	64	5	8.0	0.40
1330.00	57	5	3		1	9	66	9	13.7	0.39
1340.00	64	5	3		1	10	73	9	12.2	0.40
1350.00	114	5	3		1	9	123	9	7.3	0.40
1360.00	116	8	6		1	15	131	16	11.8	0.37
1370.00	92	6	5		1	13	104	12	11.9	0.43
1380.00	61	6	4		1	9	73	11	15.8	0.36
1390.00	58	3	1			4	62	4	7.2	0.43

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1400.00	101	6	4		1	7	113	11	10.2	0.36
1410.00	78	7	4		1	9	90	13	14.0	0.36
1420.00	68	5	3		1	7	77	9	11.7	0.42
1430.00	129	10	7	1	2	13	149	20	13.6	0.43
1440.00	122	5	3		1	8	132	10	7.3	0.56
1450.00	77	5	4	1	1	10	88	11	12.4	0.72
1460.00	99	8	5	1	1	12	114	15	13.1	0.49
1470.00	172	7	5	1	1	12	185	13	7.0	0.67
1480.00	120	8	5	1	1	11	134	14	10.5	0.42
1490.00	133	10	6	1	2	14	151	18	11.6	0.37
1500.00	185	13	8	1	2	17	209	24	11.4	0.33
1510.00	136	11	7	1	2	16	156	20	12.9	0.41
1520.00	144	11	6	1	2	16	164	20	12.2	0.36
1530.00	132	10	6	1	2	16	151	19	12.6	0.35
1540.00	173	12	7	1	2	21	194	21	11.1	0.33
1550.00	144	9	5	1	2	15	160	17	10.3	0.36
1560.00	152	9	5	1	2	14	169	17	10.2	0.38
1570.00	161	12	8	1	2	20	185	24	12.7	0.36
1580.00	124	11	7	1	2	8	144	20	14.1	0.31
1590.00	24	4	3		1	9	31	7	23.0	0.43
1600.00	97	9	6	1	2	7	115	18	15.6	0.43
1610.00	100	10	9	1	2	21	122	21	17.7	0.54
1620.00	98	6	6	1	1	12	111	14	12.2	0.75
1630.00	25	3	4	1	1	9	34	8	25.2	0.74
1640.00	66	7	7	1	2	15	83	17	20.4	0.81
1650.00	34	5	6	2	2	17	50	15	31.2	1.48
1660.00	46	5	5	1	1	16	58	13	21.9	1.04



Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas  
( $\mu$ l gas/kg rock)

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
1670.00	84	12	13	5	3	34	116	32	27.6	1.35
1680.00	42	5	5	2	2	18	56	14	24.3	1.23
1690.00	74	11	9	2	3	26	99	25	25.3	0.91
1700.00	42	8	6	2	2	19	61	18	30.1	0.97
1710.00	72	11	9	2	3	26	98	25	26.0	0.78
1720.00	72	11	10	2	3	68	97	25	25.9	0.66
1730.00	60	8	8	2	3	78	82	22	27.3	0.69
1740.00	72	10	12	1	2	26	97	25	25.6	0.42
1750.00	41	5	7	1	2	6	55	14	25.8	0.36
1760.00	55	8	8	2	3	56	76	21	27.8	0.80
1770.00	35	7	9	2	3	65	56	20	36.6	0.64
1780.00	69	10	13	1	3	24	96	27	28.3	0.45
1790.00	67	8	12	2	4	14	93	25	27.4	0.54
1800.00	49	7	12	2	3	26	73	24	33.1	0.65
1810.00	59	8	8	1	2	10	78	19	24.7	0.49
1820.00	32	3	4	1	1	12	42	9	22.3	0.68
1830.00	51	6	16	6	4	12	82	31	37.9	1.46
1840.00	47	4	7	3	2	14	63	16	25.4	1.67
1850.00	36	5	10	3	2	10	56	20	35.3	1.46
1860.00	26	3	4	1	1	6	35	9	26.5	0.85
1870.00	87	12	14	3	4	21	120	33	27.4	0.76
1880.00	93	12	17	3	4	24	129	36	27.9	0.69
1890.00	50	6	23	8	3	15	91	41	44.6	2.62
1900.00	56	7	9	2	3	20	77	21	27.3	0.65
1910.00	56	6	8	1	2	9	74	18	24.1	0.69
1920.00	36	4	7	1	2	11	51	14	28.4	0.76
1930.00	62	8	12	4	3	97	89	27	30.6	1.30

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas  
( $\mu$ l gas/kg rock)

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1940.00	89	11	19	6	4	19	129	40	31.0	1.54
1960.00	97	11	30	17	6	29	161	64	39.7	2.93
1970.00	118	17	50	26	8	22	219	101	46.3	3.18
1980.00	69	11	18	8	4	17	110	41	37.5	2.08
2000.00	23	2	6	2	1	4	34	11	33.1	1.94
2030.00	150	13	25	5	5	19	197	47	23.7	0.98
2050.00	115	13	20	3	6	14	157	42	26.8	0.48
2060.00	74	7	13	2	3	15	99	25	25.4	0.60
2080.00	60	7	9	1	2	6	79	19	23.9	0.50
2090.00	71	9	16	2	4	16	102	31	30.6	0.62
2100.00	47	6	14	2	4	11	73	26	35.6	0.62
2110.00	62	10	18	3	5	24	97	35	36.3	0.53
2130.00	53	10	18	3	6	16	90	37	41.2	0.55
2140.00	53	10	13	2	5	21	83	30	36.6	0.52
2150.00	71	16	19	3	6	12	115	45	38.7	0.51
2160.00	70	13	15	2	5	21	106	36	33.9	0.49
2170.00	80	14	15	2	5	14	115	35	30.8	0.42
2180.00	80	15	15	2	5	21	117	37	31.8	0.50
2190.00	79	17	20	3	6	12	125	46	36.9	0.55
2200.00	14	4	6	1	2	7	26	12	46.6	0.59
2210.00	7	2	2			2	11	4	36.9	0.65
2220.00	17	3	5	1	2	6	27	10	38.0	0.52
2230.00	14	1	3			4	19	5	25.2	0.56
2240.00	64	7	9	1	2	17	84	20	23.3	0.54
2250.00	24	3	4	1	1	10	34	10	29.5	0.59
2260.00	37	6	9	1	2	21	56	19	33.7	0.57
2270.00	25	2	1	-	-	-	28	3	11.1	-

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
2280.00	15	3	2			7	20	5	25.6	0.46
2300.00	13	2	1			8	17	3	20.5	0.76
2310.00	27	4	2		1	6	35	8	21.8	0.34
2320.00	19	3	2			11	24	5	22.7	0.82
2330.00	19	3	2	1	1	8	26	7	25.8	0.88
2340.00	24	3	2		1	7	29	6	19.7	0.62
2350.00	17	3	1			2	22	5	21.0	0.67
2360.00	9	1		-	-	-	10	1	10.9	-
2370.00	5	1	-			4	6	1	20.0	0.44
2380.00	8	1	1	1		14	12	3	28.5	1.23
2390.00	10	2	2	1	1	10	15	5	36.1	1.44
2400.00	13	2	1	1		6	17	4	24.5	1.08
2410.00	10	2	2	1	1	3	14	5	32.3	1.19
2420.00	8	2	6	4	3	12	22	15	66.2	1.40
2430.00	7	4	5	2	1	6	19	12	64.0	1.39
2440.00	3	-	1			-	4	1	30.9	1.47
2450.00	3					5	4	1	21.6	1.37
2460.00	10	1	1		1	3	13	3	24.2	0.80
2470.00	18	3	4	3	3	9	31	12	40.4	1.20
2480.00	19	3	4	3	2	10	32	13	39.2	1.19
2490.00	40	3	2		1	2	46	6	12.9	0.53
2500.00	64	5	2		1	5	72	8	11.8	0.69
2510.00	45	16	50	31	31	43	173	128	73.9	1.02
2520.00	22	10	17	9	7	8	65	43	65.8	1.27
2530.00	52	5	3		1	7	60	9	14.5	0.69
2540.00	21	5	9	5	4	6	45	24	53.3	1.21
2550.00	29	3	2	2	2	7	37	8	22.6	0.93

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
2560.00	30	3	3	2	2	7	41	11	26.3	0.80
2570.00	20	2	6	3	4	5	35	15	43.9	0.77
2580.00	31	4	7	4	5	15	51	21	40.5	0.83
2590.00	18	4	5	2	3	6	33	14	44.3	0.74
2600.00	35	6	6	3	4	8	54	19	34.5	0.68
2610.00	10	1				4	12	2	16.7	0.85
2620.00	44	6	5	2	3	15	60	16	26.3	0.69
2630.00	5	1	1	1	1	5	9	4	39.3	0.80
2640.00	50	4	5	3	4	10	66	15	23.4	0.74
2650.00	21	2	1	1	1	2	26	5	18.9	0.68
2660.00	17	2	5	3	4	6	31	14	44.2	0.83
2670.00	46	10	26	13	19	24	114	68	59.8	0.72
2700.00	19	4	7	3	4	5	36	17	47.5	0.80
2710.00	30	3	4	2	3	4	42	12	27.6	0.74
2720.00	34	11	14	5	7	16	70	36	51.9	0.73
2730.00	50	17	22	7	10	11	107	57	53.0	0.74
2740.00	54	17	46	22	30	49	168	115	68.1	0.74
2750.00	98	19	32	13	21	28	182	85	46.5	0.61
2760.00	71	7	15	7	11	24	111	40	36.1	0.64
2770.00	17	3	2	1	1	2	24	7	30.9	0.47
2780.00	71	6	10	39	63	11	190	119	62.5	0.63
2790.00	53	14	31	10	16	24	124	71	57.2	0.63
2800.00	83	23	43	13	21	15	183	100	54.6	0.60
2810.00	84	12	24	82	135	20	336	252	75.0	0.60
2820.00	81	7	12	4	7	5	111	30	26.8	0.59
2830.00	17	1	2	1	1	1	21	5	22.3	0.55
2840.00	21	2	3	14	26	6	65	44	68.4	0.55

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
2850.00	66	7	12	4	6	6	96	30	31.0	0.62
2860.00	82	11	19	61	93	13	266	184	69.0	0.65
2870.00	67	6	6	2	4	5	86	19	21.9	0.59
2880.00	42	3	5	19	27	6	96	54	56.5	0.71
2890.00	37	4	6	2	3	6	51	15	28.6	0.64
2900.00	35	2	2	9	12	4	61	25	42.0	0.69
2910.00							1	1	99.9	0.70
2920.00	55	3	3	1	2	4	64	9	13.5	0.65
2930.00	49	2	1		1	1	53	4	8.4	0.83
2940.00	68	4	2	1	1	6	77	9	11.5	0.68
2950.00	87	5	2	1	1	3	95	8	8.9	0.91
2960.00	62	3	1				68	6	8.4	1.13
2970.00	61	3	2	1	1	6	67	6	9.5	0.75
2980.00	71	4	2	1	1	2	79	8	10.0	0.84
2990.00	44	2	3	1	2	4	52	8	15.6	0.81
3000.00	46	6	8	3	3	5	67	21	30.6	0.96
3010.00	60	7	8	27	24	7	125	66	52.4	1.09
3020.00	32	5	7	2	2	6	48	16	33.4	0.96
3030.00	57	4	2	1	1	2	64	7	11.0	0.95
3040.00	66	9	9	4	3	14	90	25	27.4	1.24
3050.00	57	6	6	2	2	4	73	16	21.6	1.14
3060.00	68	8	8	3	3	7	91	22	24.7	1.17
3070.00	45	4	3	1	1	12	55	10	18.6	0.98
3080.00	49	6	3	1	1	5	59	11	17.9	0.82
3090.00	63	6	2	1	1	1	72	9	12.5	1.80
3100.00	40	7	7	3	2	4	58	18	31.7	1.32
3110.00	42	9	12	5	5	14	73	31	42.3	1.17

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas  
( $\mu$ l gas/kg rock)

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3120.00	48	11	9	3	3	5	74	26	35.1	1.27
3130.00	63	14	12	5	4	9	98	35	35.9	1.25
3140.00	51	17	17	7	5	15	97	46	47.1	1.40
3150.00	46	14	14	6	4	15	84	38	45.3	1.38
3160.00	27	3	3	2	2	11	37	10	26.7	1.07
3170.00	25	4	5	2	2	4	37	12	32.9	1.44
3180.00	33	3	4	2	1	4	43	11	24.7	1.47
3190.00	35	3	5	3	2	3	48	13	27.1	1.49
3200.00	31	3	4	2	2	7	44	12	27.7	1.01
3210.00	35	5	5	3	2	8	49	15	29.6	1.09
3220.00	30	4	4	2	2	6	41	12	28.0	1.24
3230.00	22	2	1	1	1	1	27	5	18.7	1.24
3240.00	30	5	4	2	1	3	42	12	29.0	1.24
3250.00	5	1	1	1		1	8	4	43.1	1.15
3270.00	37	3	2	1	1	3	43	6	14.4	1.25
3280.00	52	6	4	2	2	5	64	12	19.1	0.98
3290.00	42	4	5	2	2	5	55	13	24.5	1.06
3300.00	30	4	7	4	3	4	48	18	37.1	1.15
3310.00	26	4	5	2	2	1	39	13	32.7	1.15
3320.00	47	6	6	2	2	3	63	16	25.0	1.01
3330.00	16	2	3	1	1	1	23	8	32.5	1.08
3340.00	22	2	4	2	2	4	32	10	31.2	1.07
3350.00	35	3	3	2	1	3	44	9	20.6	1.05
3360.00	29	4	6	2	3	2	44	15	33.8	0.93
3370.00	51	7	11	4	5	6	77	26	34.4	0.88
3380.00	38	4	5	2	2	4	51	13	26.1	0.86
3390.00	31	4	5	2	2	4	44	13	29.3	0.81

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3400.00	52	6	6	2	3	6	70	18	25.7	0.72
3410.00	41	12	18	6	8	7	84	43	51.5	0.75
3420.00	38	5	6	2	3	5	54	16	30.0	0.73
3430.00	34	4	4	1	2	5	45	12	25.8	0.73
3440.00	66	10	16	5	8	9	104	39	37.3	0.66
3450.00	52	14	23	7	11	16	107	55	51.2	0.63
3460.00	22	7	11	3	5	5	48	26	53.8	0.63
3470.00	56	12	20	6	10	10	104	48	46.1	0.60
3480.00	37	5	8	3	4	7	56	19	34.4	0.64
3490.00	45	7	11	4	6	7	73	28	37.8	0.66
3500.00	41	3	3	1	1	2	50	9	17.4	0.69
3510.00	38	3	4	1	2	6	48	11	21.8	0.62
3520.00	46	4	4	1	2	4	58	12	20.5	0.52
3530.00	30		2	1	1	1	34	4	11.6	0.53
3540.00	48	5	8	3	5	6	68	20	29.4	0.51
3550.00	27		4	2	3	3	35	9	25.1	0.53
3560.00	42	6	8	3	5	7	63	21	33.1	0.52
3570.00	30		4	2	3	2	38	9	22.8	0.56
3580.00	52	7	9	3	5	8	76	24	31.6	0.55
3590.00	19	1	1			1	22	3	14.0	0.62
3600.00	42	3	2	1	1	2	49	7	13.8	0.62
3610.00	28		2	1	1	2	32	4	13.4	0.57
3620.00	45	4	2	1	1	2	52	8	14.5	0.60
3640.00	33	3	2	1	1	3	41	8	18.8	0.53
3650.00	22		1		1		24	2	7.7	0.45
3660.00	27		1			1	29	2	6.3	0.58
3680.00	28	2	1		1	2	32	4	12.0	0.55

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



Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3690.00	8						9	1	9.8	0.74
3700.00	27	2	1		1	1	31	3	10.9	0.60
3710.00	24		1				26	2	6.5	0.48
3720.00	37	3	2	1	1	3	43	7	15.8	0.66
3730.00	24	2	4	2	2	4	34	11	31.1	0.71
3740.00	26	3	1			1	31	5	15.3	0.59
3760.00	21	1	1			1	24	3	12.8	0.93
3770.00	39	5	3	1	1	2	48	9	19.3	0.93
3780.00	42	5	7	4	4	2	61	19	31.1	0.99
3790.00	36	4	4	2	2	2	48	12	24.6	0.95
3800.00	44	6	12	6	7	10	75	31	41.4	0.86
3810.00	31	4	3	1	1	1	40	9	22.2	0.97
3820.00	40	5	7	5	5	8	62	22	35.4	1.02
3830.00	37	5	6	3	3	3	54	17	31.0	1.07
3840.00	53	7	6	3	3	8	73	20	27.0	1.00
3850.00	43	5	7	4	4	4	62	19	31.3	0.96
3860.00	42	5	6	3	4	4	60	18	30.4	0.92
3870.00	18	2	1			2	22	4	17.8	0.98
3880.00	19	2	1	1	1		23	4	18.9	1.04
3890.00	17	2	1				21	4	18.4	1.01
3900.00	27	3	2	1	1	2	33	7	20.4	0.92
3910.00	42	4	3	1	1	1	51	9	17.5	1.01
3920.00	35	3	1			1	40	5	12.0	0.96
3930.00	30	2	1	1	1	1	35	5	14.2	1.03
3940.00	27	2	2	1	1	2	33	6	19.6	0.96
3960.00	31	2	1			-	34	3	9.3	1.32
3970.00	53	4	4	1	1	1	64	11	16.7	0.99



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



Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
3980.00	32	2	2	1	1	1	38	6	14.9	1.01
3990.00	35	3	3	1	1	2	42	7	17.0	1.03
4000.00	29	2	2	1	1	1	34	5	15.9	0.97
4010.00	29	3	2	1	1	2	36	7	19.0	0.88
4020.00	27	3	1			2	32	5	15.3	0.84
4030.00	24	2	1				28	4	14.4	1.05
4040.00	32	3	3	1	1	1	40	8	19.4	0.98
4050.00	29	3	2	1	1	3	37	8	20.6	0.83
4060.00	26	3	2	1	1	1	32	7	20.5	0.81
4070.00	49	4	2	1	1	3	56	7	12.5	0.74
4080.00	21	1	1				23	2	9.5	0.85
4090.00	43	3	2	1	1	3	50	7	14.2	0.63
4100.00	39	3	3	1	2	2	49	10	20.8	0.73
4110.00	57	6	3	1	1	3	67	10	15.2	0.66
4120.00	7	1	1		1		9	3	27.0	0.78
4130.00	2	-	-	-	-		2	-	-	-
4140.00	36	5	4	1	2	3	47	11	23.6	0.61
4150.00	29	3	1			1	34	4	12.5	0.83
4160.00	37	3	1			1	41	5	11.7	0.67
4170.00	24	2	1			1	28	3	12.0	0.74
4180.00	108	8	3	1	1	1	120	12	10.2	0.78
4190.00	26	2	1		1		31	4	14.4	0.60
4200.00	45	4	2		1	2	53	7	14.1	0.56
4210.00	38	3	1				44	5	12.2	0.73
4220.00	25	3	1			1	29	4	14.3	0.26
4230.00	19	1	1				21	2	10.6	0.62
4240.00	22	2	1				26	3	13.2	0.64

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

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
4250.00	19	2					22	2	10.6	0.44
4260.00	17	1	1				19	2	11.6	0.46
4270.00	12	1		-	-		14	2	11.0	-
4300.00	19	2	2		1	2	24	5	20.9	0.64
4310.00	15	2	1				18	3	17.4	0.98
4320.00	10	1				1	12	2	12.7	0.55
4330.00	8	1		-		-	10	1	14.1	-
4340.00	11	1		-			12	2	13.3	-
4350.00	18	2	1			1	22	3	15.3	0.44
4360.00	15	2	1			1	19	3	18.3	0.54
4370.00	16	2	1				19	2	12.9	0.65
4380.00	54	8	3	1	1	2	66	12	18.1	0.67
4390.00	33	4	1				38	5	13.2	0.14
4400.00	116	17	7	1	2	3	143	27	18.8	0.55
4410.00	86	10	5	1	1	1	102	16	16.0	0.44
4420.00	2	-	-	-	-		2	-	-	-
4430.00	58	5	2		1	1	66	8	12.5	0.39
4440.00	74	8	2		1	2	85	12	13.5	0.46
4450.00	85	10	3		1	2	99	14	14.5	0.46
4460.00	119	16	4		1	2	141	22	15.3	0.52
4470.00	103	12	3		1	2	119	16	13.4	0.55
4480.00	79	9	3		1	1	92	13	14.2	0.61
4490.00	125	18	4		1	1	147	22	15.2	0.53
4500.00	161	24	6	1	1	3	193	32	16.6	0.53
4510.00	35	4	1			1	40	6	13.8	0.60
4520.00	89	9	5	3	5	9	110	22	19.8	0.51
4530.00	86	8	3	1	1	2	99	14	13.8	0.63

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas  
( $\mu$ l gas/kg rock)

Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 nC4
4540.00	61	8	5	-	2	3	76	15	19.9	-

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



Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 ---- nC4
1120.00	2667	5	5	1	1	6	2678	12	0.4	1.15
1130.00	10995	11	10	2	2	5	11021	26	0.2	1.10
1140.00	6366	7	5	1	1	9	6381	15	0.2	0.65
1150.00	36198	36	24	6	5	23	36268	70	0.2	1.26
1160.00	39674	32	19	5	4	32	39733	60	0.2	1.43
1170.00	30039	27	16	4	3	23	30088	49	0.2	1.30
1180.00	17918	21	12	3	3	62	17956	38	0.2	1.00
1190.00	15452	20	11	2	3	14	15487	36	0.2	0.89
1200.00	23555	27	13	3	3	10	23600	45	0.2	0.90
1210.00	14464	25	15	3	3	9	14510	46	0.3	0.82
1220.00	20386	21	11	2	3	20	20422	36	0.2	0.67
1230.00	63081	72	36	7	8	25	63204	123	0.2	0.89
1240.00	31936	36	25	4	4	16	32006	70	0.2	0.99
1250.00	42096	50	27	5	6	21	42184	89	0.2	0.95
1260.00	86275	84	48	11	11	44	86428	153	0.2	0.99
1270.00	57890	69	44	9	10	37	58022	132	0.2	0.89
1280.00	82486	78	50	11	8	35	82632	146	0.2	1.32
1290.00	25628	34	23	6	4	24	25696	68	0.3	1.56
1310.00	17004	26	22	6	3	24	17061	57	0.3	1.80
1320.00	34528	36	25	9	4	24	34602	74	0.2	2.46
1330.00	35586	36	24	11	4	35	35662	76	0.2	2.78
1340.00	22425	27	18	8	3	30	22481	56	0.3	2.20
1350.00	37273	45	28	11	5	38	37362	89	0.2	2.11
1360.00	35599	43	26	9	5	42	35682	83	0.2	1.97
1370.00	33728	45	26	7	4	49	33810	82	0.2	1.61
1380.00	13801	33	24	8	5	50	13870	69	0.5	1.66
1390.00	52543	48	23	7	4	20	52626	83	0.2	1.55

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



Project: NOCS 6406/2-4S

Well: NOCS 6406/2-4S

Depth unit of measure: m

\* Indicated values in ml gas/kg rock

Depth	C1	C2	C3	iC4	nC4	C5+	sum C1-C4	sum C2-C4	%wet ness	iC4 --- nC4
1400.00	111738	127	53	15	9	41	111942	204	0.2	1.63
1410.00	20413	36	19	5	4	20	20476	63	0.3	1.35
1420.00	26249	37	18	7	3	23	26313	65	0.2	2.39
1430.00	13523	30	16	6	3	19	13578	55	0.4	2.00
1440.00	30013	45	21	12	3	17	30094	81	0.3	3.78
1450.00	22671	37	19	15	2	25	22745	74	0.3	6.66
1460.00	30320	49	24	16	3	30	30413	92	0.3	5.45
1470.00	14579	31	17	12	3	26	14642	63	0.4	4.83
1480.00	32741	57	26	14	4	26	32842	100	0.3	3.64
1490.00	21394	43	21	8	3	23	21470	76	0.4	2.57
1500.00	13098	37	22	7	4	23	13168	70	0.5	1.66
1510.00	22316	53	26	9	4	26	22408	92	0.4	2.39
1520.00	39192	76	52	12	5	42	39338	146	0.4	2.27
1530.00	42555	80	43	9	4	29	42691	136	0.3	2.39
1540.00	43380	92	56	7	5	32	43539	160	0.4	1.53
1550.00	25400	65	35	6	4	28	25511	111	0.4	1.57
1560.00	44310	98	44	8	5	26	44464	154	0.3	1.58
1570.00	44321	105	49	5	4	26	44483	163	0.4	1.08
1580.00	51079	126	66	6	6	17	51283	204	0.4	1.06
1590.00	73788	168	84	7	4	17	74051	264	0.4	1.68
1600.00	35882	113	71	7	5	13	36078	196	0.5	1.53
1610.00	58273	178	106	11	7	32	58576	302	0.5	1.60
1620.00	45139	143	100	12	6	22	45400	260	0.6	2.03
1630.00	29239	122	101	13	6	17	29480	241	0.8	2.11
1640.00	71061	245	187	29	12	31	71533	472	0.7	2.54
1650.00	44170	172	182	45	12	32	44582	412	0.9	3.68
1660.00	19851	101	124	31	9	30	20115	265	1.3	3.61