

Table 5.11: MDT wellsite worksheet

FORMATION TESTER WELLSITE WORKSHEET - SAGA PETROLEUM ASA														
WELL: 6406/2-7			RUN/TOOLSTRING: 2A MDT					WITNESS: T.Elseth						
RIG: T.O.ARCTIC			PRESSURE UNITS: BAR					DATE: 23-okt-99						
KB: 26 m			MUD WEIGHT (SG): 1,89 g/cm3											
TEST NO.	START TIME hh:mm	DEPTH MD RKB	MD-TVD MSL	DEPTH TVD RKB	DEPTH TVD MSL	IN. HYDROST. PRESSURE		FORMATION PRESSURE		FIN. HYDROST. PRESSURE		TEMP AFTER deg. C	MOB. INDEX mD/cP	COMMENTS
						EMW	HP	EMW	HP	EMW	HP			
1	14:30	4390,3	28,1	4388,2	4362,2	1,897	817,67			1,897	817,43	134,6		20 cc, weak seal
2	16:04	4390,3	28,1	4388,2	4362,2	1,897	817,44			1,897	817,46	142,2		1.7 cc, tight
3	16:15	4391,3	28,1	4389,2	4363,2	1,897	817,63			1,896	817,57	142,5		1.6 cc, tight
4	16:55	4390,0	28,1	4387,9	4361,9	1,897	817,60			1,897	817,40	144,0	0,80	1.4 cc, supercharged
5	17:05	4390,3	28,1	4388,2	4362,2	1,897	817,43			1,896	817,33	144,1		1.4 cc, tight
6	17:20	4390,5	28,1	4388,4	4362,4	1,896	817,37			1,896	817,39	144,3		1.5 cc, tight
7	17:30	4391,3	28,1	4389,2	4363,2	1,896	817,46			1,896	817,43	144,3		1.4 cc, tight

Table 5.12: MDT wellsite worksheet

FORMATION TESTER WELLSITE WORKSHEET - SAGA PETROLEUM ASA														
WELL: 6406/2-7			RUN/TOOLSTRING: 3B MDT					WITNESS: T.Elseth						
RIG: T.O.ARCTIC			PRESSURE UNITS: BAR					DATE: 01-nov-99						
KB: 24 m			MUD WEIGHT (SG): 2.05 g/cm3											
TEST NO.	START TIME hh:mm	DEPTH MD RKB	MD-TVD MSL	DEPTH TVD RKB	DEPTH TVD MSL	IN. HYDROST. PRESSURE		FORMATION PRESSURE		FIN. HYDROST. PRESSURE		TEMP AFTER deg. C	MOB. INDEX mD/cP	COMMENTS
						EMW	HP	EMW	HP	EMW	HP			
1	14:10	4558.5	26.5	4556.0	4532.0	2.038	912.06	1.986	888.475	2.038	911.86	148.9	318.00	20cc. Good test, start pump
2	15:25	4558.5	26.5	4556.0	4532.0	2.038	911.71	1.986	888.420	2.038	911.68	155.5	250.00	20cc. Good test, cont pump

table 5.13: MDT wellsite worksheet

FORMATION TESTER WELLSITE WORKSHEET - SAGA PETROLEUM ASA														
WELL: 6406/2-7			RUN/TOOLSTRING: 4C MDT				WITNESS: T.Elseth/K.Gran							
RIG: T.O ARCTIC			PRESSURE UNITS: BAR				DATE: 16-nov-99							
KB: 24 m			MUD WEIGHT (SG): 2.07 g/cm3											
TEST NO.	START TIME hh:mm	DEPTH MD RKB	MD-TVD MSL	DEPTH TVD RKB	DEPTH TVD MSL	IN. HYDROST. PRESSURE EMW HP		FORMATION PRESSURE EMW HP		FIN. HYDROST. PRESSURE EMW HP		TEMP AFTER deg. C	MOB. INDEX mD/cp	COMMENTS
1	23:55	4738.0	27.1	4734.9	4710.9	2.050	953.10	1.942	903.190			152.6	60.9	20 cc, good test
2	00:10	4737.5	27.1	4734.4	4710.4	2.049	952.53	1.942	903.154			153.6	49.9	20 cc, good test
3	00:25	4738.5	27.1	4735.4	4711.4	2.049	952.67	1.942	903.264			153.8	12.9	20 cc, good test
4	01:20	4738.0	27.1	4734.9	4710.9	2.048	952.46	1.942	903.225			154.2	390.2	20 cc, good test, sample #786
5	01:30	4733.0	27.1	4729.9	4705.9	2.049	951.97	1.943	902.732	2.049	951.89	156.0	65.0	20 cc, good test
6	01:35	4726.5	27.0	4723.5	4699.5	2.048	950.23	1.945	902.121	2.048	950.18	156.0	16.7	20 cc, good test
7	01:45	4721.7	27.0	4718.7	4694.7	2.048	948.99	1.946	901.660	2.048	948.95	155.9	21.0	20 cc, good test
8	01:55	4715.0	27.0	4712.0	4688.0	2.047	947.33	1.947	901.083	2.047	947.43	155.9	6.6	20cc, slightly supercharged
9	02:05	4713.5	27.0	4710.5	4686.5	2.047	947.11			2.047	947.12	155.4		1.7cc, tight
10	02:10	4711.0	27.0	4708.0	4684.0	2.047	946.45	1.948	900.746	2.047	946.60	155.4	3.0	20cc, slightly supercharged
11	02:30	4721.7	27.0	4718.7	4694.7	2.049	949.34	1.946	901.630	2.047	948.53	155.8	13.6	20 cc, good test, sample #971, #200
12	06:30	4696.2	27.1	4693.1	4669.1	2.047	943.29	1.951	899.088	2.047	943.43	154.7	7.4	20cc, supercharged?
13	06:45	4677.0	26.9	4674.1	4650.1	2.046	939.07	1.954	897.161	2.046	939.34	154.0	3.6	20cc, supercharged?
14	07:00	4667.3	26.6	4664.7	4640.7	2.046	937.10	1.956	896.119	2.046	937.27	153.4	20.8	20 cc, good test
15	07:07	4662.2	26.8	4659.4	4635.4	2.046	936.08			2.046	936.19	152.9		1.5cc, tight
16	07:20	4644.3	26.7	4641.6	4617.6	2.045	932.28			2.046	932.47	152.3		1.7cc, tight
17	07:35	4637.6	26.7	4634.9	4610.9	2.045	931.00	1.962	893.156	2.047	931.57	151.2	18.3	20 cc, good test, sample #926
18	09:20	4624.0	26.7	4621.3	4597.3	2.045	928.13	1.965	891.721	2.044	927.83	151.4	7.6	20 cc, good test
19	09:30	4613.8	26.7	4611.1	4587.1	2.044	925.79			2.045	925.93	151.0		1.7cc, tight
20	09:40	4614.4	26.7	4611.7	4587.7	2.045	926.18	1.967	891.050	2.047	926.96	150.6	517.9	20 cc, good test, sample #1011, #1042
21	11:15	4600.9	26.6	4598.3	4574.3	2.042	922.35	1.972	890.578	2.045	923.43	150.2	1083.5	20 cc, good test
22	11:40	4569.6	26.5	4567.1	4543.1	2.038	913.89	1.982	888.823	2.044	916.89	148.8	137.6	20 cc, good test
23	11:45	4564.4	26.5	4561.9	4537.9	2.044	915.66	1.983	888.604	2.044	915.68	148.1	55.8	20 cc, good test
24	11:55	4559.7	26.5	4557.2	4533.2	2.046	915.50	1.985	888.592	2.044	914.75	147.8	19.2	20 cc, good test
25	12:30	4741.7	27.1	4738.6	4714.6	2.048	952.96	1.942	903.630	2.048	952.97	152.3	240.2	20cc, good test
26	12:40	4749.2	27.1	4746.1	4722.1	2.048	954.47					153.1		Tool failure, POOH

Table 5.14: MDT wellsite worksheet

FORMATION TESTER WELLSITE WORKSHEET - SAGA PETROLEUM ASA														
WELL: 6406/2-7			RUN/TOOLSTRING: 4D MDT				WITNESS: T.Elseth/E.Tveit							
RIG: T.O ARCTIC			PRESSURE UNITS: BAR				DATE: 18-nov-99							
KB: 24 m			MUD WEIGHT (SG): 2.07 g/cm3											
TEST NO.	START TIME hh:mm	DEPTH MD RKB	MD-TVD MSL	DEPTH TVD RKB	DEPTH TVD MSL	IN. HYDROST. PRESSURE EMW HP		FORMATION PRESSURE EMW HP		FIN. HYDROST. PRESSURE EMW HP		TEMP AFTER deg. C	MOB. INDEX mD/cP	COMMENTS
1	19:10	4927.8	27.9	4923.9	4899.9	2.053	992.78			2.053	992.60	160.5		Tight
2	19:45	4927.8	27.9	4923.9	4899.9	2.053	992.92	1.908	922.414	2.053	992.70	161.3	9.2	20 cc, good test
3	20:00	4916.5	27.8	4912.7	4888.7	2.052	989.86			2.052	989.86	161.3		1.1 cc, tight
4	20:10	4913.3	27.8	4909.5	4885.5	2.051	989.06	1.910	920.990	2.052	989.14	161.3	9.6	1.1 cc, slightly supercharged
5	20:20	4909.2	27.8	4905.4	4881.4	2.052	988.28	1.911	920.538	2.052	988.34	161.3	623.8	20 cc, good test
6	20:25	4907.0	27.8	4903.2	4879.2	2.052	987.80	1.911	920.315	2.052	987.88	161.4	1915.5	20 cc, good test
7	20:40	4884.2	27.7	4880.5	4856.5	2.051	982.89	1.915	917.975	2.051	982.98	161.3	72.4	1.0 cc, good test
8	20:55	4878.0	27.7	4874.3	4850.3	2.051	981.63	1.916	917.325	2.051	981.65	161.1	462.2	20 cc, good test
9	21:05	4870.2	27.6	4866.6	4842.6	2.049	979.26	1.918	916.556	2.051	980.07	160.9	211.9	20 cc, good test
10	21:30	4856.0	27.6	4852.4	4828.4	2.051	977.51	1.920	915.122	2.051	977.23	160.7	123.8	20 cc, good test
11	21:40	4829.0	27.5	4825.5	4801.5	2.050	971.25	1.926	912.614	2.050	971.55	160.5	5.4	1.3cc, good test
12	21:50	4808.5	27.4	4805.1	4781.1	2.050	967.11	1.930	910.797	2.050	967.39	160.3	3.4	1.4cc, supercharged?
13	21:55	4797.0	27.3	4793.7	4769.7	2.050	964.84	1.932	909.490	2.050	965.01	160.1	3.8	1.4cc, supercharged?
14	22:05	4781.0	27.3	4777.7	4753.7	2.049	961.44	1.934	907.512	2.050	961.67	159.7	22.7	20 cc, good test
15	22:15	4749.3	27.1	4746.2	4722.2	2.049	955.19	1.940	904.381	2.050	955.31	159.3	6.5	1.0 cc, good test
16	22:25	4745.6	27.1	4742.5	4718.5	2.050	954.53	1.941	904.015	2.050	954.55	158.9	32.8	20 cc, good test
17	22:40	4741.5	27.1	4738.4	4714.4	2.049	953.68	1.942	903.571	2.050	953.72	158.7	194.9	20 cc, good test
18	23:00	4709.0	27.0	4706.0	4682.0	2.050	947.49			2.050	947.42	158.1		Probe plugged - POOH

Table 5.15: MDT wellsite worksheet

FORMATION TESTER WELLSITE WORKSHEET - SAGA PETROLEUM ASA														
WELL: 6406/2-7			RUN/TOOLSTRING: 4E MDT					WITNESS: T.Elseth						
RIG: T.O ARCTIC			PRESSURE UNITS: BAR					DATE: 18-nov-99						
KB: 24 m			MUD WEIGHT (SG): 2.07 g/cm3											
TEST NO.	START TIME hh:mm	DEPTH MD RKB	MD-TVD MSL	DEPTH TVD RKB	DEPTH TVD MSL	IN. HYDROST. PRESSURE		FORMATION PRESSURE		FIN. HYDROST. PRESSURE		TEMP AFTER deg. C	MOB. INDEX mD/cP	COMMENTS
						EMW	HP	EMW	HP	EMW	HP			
1	06:40	4710.5	27.0	4707.5	4683.5	2.050	947.89			2.050	947.84	160.4		1.9cc, supercharged
2	06:50	4711.3	27.0	4708.3	4684.3	2.047	946.57	1.948	900.900	2.047	946.45	160.7	0.8	0.7cc, supercharged
3	07:10	4709.3	27.0	4706.3	4682.3	2.047	945.93			2.047	946.01	160.7		1.1cc, tight
4SG	07:15	4711.0	27.0	4708.0	4684.0	2.046	945.83	1.947	900.410	2.046	945.82	160.8	1.2	1.4cc, stable. Strain gauge only!
5SG	07:25	4712.0	27.0	4709.0	4685.0	2.046	946.07	1.947	900.260			160.8	3.9	20cc, good point, sample 4x1Gal
6	13:20	4696.2	26.9	4693.3	4669.3	2.046	942.82	1.951	899.169	2.046	942.92	164.2	0.5	0.7cc, supercharged?
7	14:30	4676.8	26.9	4673.9	4649.9	2.045	938.74	1.954	897.087	2.046	938.94	163.8	1.9	2.8cc, good point
8	14:40	4665.0	26.8	4662.2	4638.2	2.045	936.14			2.045	936.47	163.3		1.1cc, tight
9	14:45	4662.5	26.8	4659.7	4635.7	2.045	935.95			2.045	936.02	163.0		0.9cc, tight
10	14:55	4651.2	26.8	4648.4	4624.4	2.045	933.45			2.045	933.74	162.9		0.7cc, tight
11	15:10	4644.2	26.7	4641.5	4617.5	2.046	932.52	1.961	893.732	2.046	932.60	162.6	0.4	0.7cc, supercharged?
12	15:30	4637.5	26.7	4634.8	4610.8	2.045	930.93	1.962	893.111	2.046	931.31	162.1	8.0	20cc, good point
13	15:40	4635.4	26.7	4632.7	4608.7	2.046	930.80	1.962	892.900	2.046	930.88	162.0	4.0	20cc, good point
14	15:50	4613.8	16.7	4621.1	4597.1	2.049	929.76	1.966	892.427	2.049	929.89	161.9	7.1	20cc, probably supercharged
15	16:00	4609.0	26.6	4606.4	4582.4	2.045	925.32	1.969	890.812	2.046	925.60	161.6	6.0	6.2cc, good point
16	16:10	4601.0	26.6	4598.4	4574.4	2.046	923.85	1.972	890.541	2.046	924.09	160.2	1.0	0.8cc, good point
17	16:55	4569.6	26.5	4567.1	4543.1	2.046	917.80	1.982	888.811	2.046	917.87	159.7	56.9	20cc, good point
18	17:10	4568.8	26.5	4566.3	4542.3	2.047	917.75	1.982	888.773	2.047	917.80	159.2	5.3	20cc, good point
19	17:25	4565.0	26.5	4562.5	4538.5	2.047	917.03	1.983	888.617	2.047	917.01	158.7	248.4	20cc, good point
20	17:35	4564.0	26.5	4561.5	4537.5	2.047	916.84	1.983	888.575	2.047	916.86	158.4	34.6	20cc, good point
21	17:45	4563.0	26.5	4560.5	4536.5	2.047	916.71	1.984	888.529	2.047	916.71	158.2	5.4	20cc, good point
22	17:50	4560.0	26.5	4557.5	4533.5	2.047	916.13	1.985	888.400	2.047	916.16	158.0	424.6	20cc, good point

Table 5.16 Samples acquired during Run 3B MDT (4558.5 mMD RKB, 4532.0 mTVD MSL)

MDT Chamber	Volume	Vol. pump litres	Sampling Technique	Mobility md/cp	Dead vol. cont.	Shut in Temp °C	Shut in Pressure bar
MPSR-AA-55	450 cc	48	Low shock	318.5	Water	155.5	*888+250
MPSR-AA-607	450 cc	48	Low shock	318.5	Water	155.5	*888+250
MPSR-AA-112	450 cc	17.6	Low shock	250.6	Water	156.4	*888+250
MPSR-AA-782	450 cc	17.6	Low shock	250.6	Water		Plugged
MPSR-AA-1020	450 cc	17.6	Low shock	250.6	Water		Plugged
MPSR-AA-756	450 cc	17.6	Low shock	250.6	Water	156.4	Plugged
MPSC-GA-205	1 gal	17.6	Throttling	250.6	Water	156.7	888.41
MPSC-BA-047	1 gal	17.6	Throttling	250.6	Water	156.7	888.40

*Formation pressure 888.475 bar

Table 5.17 Samples acquired during Run 4C MDT

Depth metres	MDT Chamber	Volume Chamber	Vol. pumped litres	Sampling Technique	Avg. Pump Drawdown bar	Dead vol. cont	Shut-in Temp °C	Shut in Pressure bar
4738.0	MPSR-AA-786	450 cc	35.1	Low shock	3.5	Air	156.0	1163
4721.7	MRSR-AA-648	450 cc	19.3	Low shock	85	Water	155.5	880*
4721.7	MPSR-AA-971	450 cc	21	Low shock	85	Water	155.5	1154
4721.7	MRSC-GA-200	1 gal	31.5	Low shock	141	Water	158.3	1150
4637.6	MPSR-AA-926	450 cc	15.2	Low shock	60	Air	155.0	1147
4614.4	MRSC-GA-1011	450 cc	40.2	Low shock	6	Water	150.0	1146
4614.4	MPSR-AA-1042	450 cc	100	Low shock	6	Water	150.3	1146

*Closed accidentally

Table 5.18 Samples acquired during Run 4E MDT (4712.0 mMD RKB, 4685.0 mTVD MSL)

MDT Chamber	Volume	Vol. pump litres	Sampling Technique	Avg. Drwdn.	Dead vol. cont.	Shut in Temp °C	Shut in Pressure bar
MRSC-GA-131	1 gal	4.1	Low shock	125 bar	Air	163.6	*1136
MRSC-GA-33	1 gal	14.5	Throttling	23 bar	Air	164.7	**1130
MRSC-GA-175	1 gal	17.4	Throttling	170 bar	Air	165.2	*850
MRSC-GA-203	1 gal	24.4	Low shock	100 bar	Air	165.0	*1065

* Formation pressure 900.26 bar

** Pressured up after throttling

Mobility 3.9 mD/cP

Sampling:

The following were collected:

Date	Time	Sample point	Sample no.
11.12.99	08:45	Wellhead	WHS 1
11.12.99	09:35	Wellhead	WHS 2
12.12.99	00:15	Test separator	PVT set no 1
12.12.99	00:30	Wellhead	WHS 3
12.12.99	01:08	Test separator	PVT set no 2
12.12.99	01:20	Wellhead	WHS 4
12.12.99	09:40	Wellhead	WHS 5
12.12.99	10:20	Wellhead	WHS 6
12.12.99	11:35	Test separator	PVT set no 3
12.12.99	12:30	Test separator	PVT set no 4
13.12.99	07:40	Test separator	PVT set no 5
13.12.99	09:18	Test separator	PVT set no 6

Wellhead samples contains 0.6 ltr.

All PVT sets consists of 0.6 ltr. condensate and 20 ltr. gas in pressurised bottles.

In addition the following samples were taken:

1 gas bottle for geochemistry (0.15 ltr.)

1 oil bottle for geochemistry (0.5 ltr.)

2 condensate samples for SCAL/TBP (each 20 ltr.)

8 stabilised condensate samples (each 18 ltr.)

6.2 Mud Data

6.2.1 Mud Properties, Daily Report

Table 6.2.1 lists the daily reported mud properties (4 pages)

Well: 406/2-7

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
990922	9 7/8"	512.0	1.03			/		/					WATER BASED
990926	24"	512.0	1.03			/		/					WATER BASED
990927	24"	1123.0	1.05			/		/					WATER BASED
990928	24"	1406.0	1.05			/		/					WATER BASED
990929	24"	1406.0	1.05			/		/					WATER BASED
990930	24"	1406.0	1.05			/		/					WATER BASED
991001	24"	1406.0	1.05			/		/					WATER BASED
991002	17 1/2"	1406.0	1.40	22.0	25.0	6/10		/		91000			KCl MUD
991003	17 1/2"	1463.0	1.40	19.0	25.0	8/14		/	1964	88000			KCl MUD
991004	17 1/2"	1979.0	1.57	29.0	37.0	12/28	8.0	1/.3	521	80000	1.3		KCl MUD
991005	17 1/2"	2439.0	1.65	30.0	38.0	12/25	7.7	/.2	641	82000	.9	19.6	KCl MUD
991006	17 1/2"	2562.0	1.67	29.0	41.0	13/30	7.7	/.2	641	82000	.9	19.6	KCl MUD
991007	17 1/2"	2562.0	1.69	29.0	41.0	13/30	7.7	/.2	641	82000	.9	19.6	KCl MUD
991008	17 1/2"	2562.0	1.69	35.0	32.0	11/23	7.9	/.2	1122	82000	1.0	21.8	KCl MUD
991009	17 1/2"	2719.0	1.69	35.0	32.0	11/23	8.0	/	1122	82000	1.0	21.8	KCl MUD
991010	12 1/4"	2719.0	1.69	35.0	32.0	11/23	8.0	/	1122	82000	1.0	21.8	KCl MUD
991011	12 1/4"	2719.0	1.69	35.0	32.0	11/23	8.0	/	1122	82000	1.0	21.8	KCl MUD
991012	12 1/4"	2719.0	1.69	50.0	15.0	9/17		/			.3	23.4	OIL BASED
991013	12 1/4"	2719.0	1.72	47.0	20.0	11/20		/	****	16996	.3	27.4	OIL BASED
991014	12 1/4"	3648.0	1.72	44.0	17.0	12/22		/	****	15465	.3	28.0	OIL BASED
991015	12 1/4"	4040.0	1.72	43.0	16.0	12/23		/	****	12231	.3	29.3	OIL BASED
991016	12 1/4"	4200.0	1.86	52.0	18.0	14/25		/	****	12997	.3	33.0	OIL BASED
991017	12 1/4"	4315.0	1.86	48.0	19.0	13/23		/	****	13497	.2	33.5	OIL BASED
991018	12 1/4"	4401.0	1.86	48.0	18.0	13/23		/	****	12497	.2	32.5	OIL BASED
991019	12 1/4"	4417.0	1.88	46.0	20.0	13/23		/	****	13497	.3	33.5	OIL BASED
991020	12 1/4"	4463.0	1.88	46.0	19.0	13/23		/	****	12497	.5	33.0	OIL BASED
991021	12 1/4"	4464.0	1.89	47.0	18.0	14/25		/	****	10497	.2	33.6	OIL BASED

Well: 406/2-7

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
991022	12 1/4"	4464.0	1.89	47.0	18.0	14/25	/	/	****	10247	.2	33.6	OIL BASED
991023	12 1/4"	4464.0	1.89	47.0	19.0	14/25	/	/	****	10247	.2	33.6	OIL BASED
991024	12 1/4"	4464.0	1.89	47.0	18.0	14/25	/	/	****	10247	.2	34.1	OIL BASED
991025	12 1/4"	4464.0	1.89	47.0	19.0	13/25	/	/	****	10997	.2	34.1	OIL BASED
991026	12 1/4"	4464.0	1.89	44.0	19.0	12/26	/	/	****	10750	.3	33.6	OIL BASED
991027	12 1/4"	4464.0	1.89	33.0	12.0	8/13	/	/	****	12000	.2	31.6	OIL BASED
991028	12 1/4"	4464.0	1.89	33.0	12.0	8/13	/	/	****	12000	.2	31.6	OIL BASED
991029	8 1/2"	4469.0	2.05	50.0	12.0	10/16	/	/	****	10000	.2	35.7	OIL BASED
991030	8 1/2"	4555.0	2.05	50.0	18.0	11/18	/	/	****	10500	.2	37.7	OIL BASED
991031	8 1/2"	4573.0	2.05	50.0	18.0	11/18	/	/	****	10500	.2	37.7	OIL BASED
991101	8 1/2"	4573.0	2.05	50.0	18.0	11/18	/	/	****	10500	.2	37.7	OIL BASED
991102	8 1/2"	4594.0	2.07	51.0	18.0	10/19	/	/	****	10248	.2	37.7	OIL BASED
991103	8 1/2"	4600.0	2.07	53.0	17.0	11/19	/	/	****	10248	.2	37.7	OIL BASED
991104	8 1/2"	4625.0	2.07	53.0	18.0	11/18	/	/	****	10498	.2	37.7	OIL BASED
991105	8 1/2"	4625.0	2.07	52.0	19.0	11/19	/	/	****	10498	.2	37.7	OIL BASED
991106	8 1/2"	4625.0	2.07	54.0	21.0	12/20	/	/	****	10498	.2	38.1	OIL BASED
991107	8 1/2"	4625.0	2.07	55.0	20.0	12/22	/	/	****	10498	.2	38.1	OIL BASED
991108	8 1/2"	4709.0	2.07	55.0	20.0	13/22	/	/	****	10498	.2	38.1	OIL BASED
991109	8 1/2"	4729.0	2.07	55.0	21.0	13/21	/	/	****	9622	.3	38.1	OIL BASED
991110	8 1/2"	4729.0	2.07	55.0	21.0	13/21	/	/	****	9622	.3	38.1	OIL BASED
991111	8 1/2"	4854.0	2.07	56.0	20.0	13/21	/	/	****	9622	.3	38.1	OIL BASED
991112	8 1/2"	4981.0	2.07	56.0	20.0	13/21	/	/	****	9622	.3	38.1	OIL BASED
991113	8 1/2"	4981.0	2.07	56.0	20.0	13/21	/	/	****	9622	.3	38.1	OIL BASED
991114	8 1/2"	4981.0	2.07	62.0	19.0	12/23	/	/	****	9622	.3	38.1	OIL BASED
991115	8 1/2"	4930.0	2.07	62.0	19.0	12/23	/	/	****	9622	.3	38.1	OIL BASED
991116	8 1/2"	4930.0	2.07	63.0	24.0	12/21	/	/	****	9997	.3	37.6	OIL BASED
991117	8 1/2"	4930.0	2.07	60.0	18.0	11/20	/	/	****	10247	.3	37.6	OIL BASED

Well: 406/2-7

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
991118	8 1/2"	4930.0	2.07	65.0	23.0	11/20	/	/	****	8998	.3	38.2	OIL BASED
991119	8 1/2"	4930.0	2.07	65.0	23.0	11/20	/	/	****	8998	.3	38.2	OIL BASED
991120	8 1/2"	4930.0	2.07	65.0	23.0	11/20	/	/	****	8998	.3	38.2	OIL BASED
991121	8 1/2"	4930.0	2.07	72.0	22.0	11/21	/	/	****	8998	.3	37.7	OIL BASED
991122	8 1/2"	4930.0	2.07	60.0	22.0	12/22	/	/	****	8998	.3	38.2	OIL BASED
991123	8 1/2"	4930.0	2.07	60.0	24.0	12/22	/	/	****	8998	.3	38.2	OIL BASED
991124	8 1/2"	4930.0	2.07	60.0	24.0	12/20	/	/	****	8998	.3	38.2	OIL BASED
991125	8 1/2"	4930.0	2.07	59.0	19.0	12/19	/	/	****	8998	.3	38.2	OIL BASED
991126	8 1/2"	4930.0	2.07	59.0	19.0	12/19	/	/	****	8998	.3	38.2	OIL BASED
991127	8 1/2"	4930.0	2.07	62.0	21.0	14/22	/	/	9780	6248	.2	39.3	OIL BASED
991128	8 1/2"	4930.0	2.07	77.0	26.0	12/20	/	/	****	9997	.2	36.8	OIL BASED
991129	8 1/2"	4930.0	2.07	75.0	25.0	12/20	/	/	****	9997	.2	37.8	OIL BASED
991130	8 1/2"	4930.0	2.07	79.0	24.0	12/24	/	/	****	10000	.2	36.8	OIL BASED
991201	8 1/2"	4930.0	2.07	79.0	25.0	12/20	/	/	****	10000	.2	37.8	OIL BASED
991202	8 1/2"	4930.0	2.07	82.0	26.0	12/20	/	/	****	10000	.2	38.8	OIL BASED
991203	8 1/2"	4930.0	2.07	82.0	26.0	12/20	/	/	****	10000	.2	38.8	OIL BASED
991204	PT#1	4930.0	2.07	82.0	26.0	12/20	/	/	****	10000	.2	38.8	OIL BASED
991205	PT#1	4930.0	2.07	82.0	26.0	12/20	/	/	****	10000	.2	38.8	OIL BASED
991206	PT#1	4930.0	1.35			/	/	/					BRINE
991207	PT#1	4930.0	1.35			/	/	/					BRINE
991208	PT#1	4930.0	1.35			/	/	/					BRINE
991209	DST#1	4930.0	1.35			/	/	/					BRINE
991210	DST#1	4930.0	1.35			/	/	/					BRINE
991211	DST#1	4930.0	1.35			/	/	/					BRINE
991212	DST#1	4930.0	1.35			/	/	/					BRINE
991213	DST#1	4930.0	1.35			/	/	/					BRINE
991214	DST#1	4930.0	1.35			/	/	/					BRINE

Well: 06/2-7

Date	Hole size	Hole depth	Mud weight	PV	YP	Gel strength	pH	Alkalinity Pf /Mf	Ca++ mg/l	Cl- mg/l	Sand %	Solids %	Mudtype
991215	DST#1	4930.0	1.35			/		/					BRINE
991216	DST#1	4930.0	2.07	82.0	26.0	12/20		/			.5	37.4	OIL BASED
991217	DST#1	4930.0	2.07	14.0	81.0	9/19		/			.3	34.9	OIL BASED
991218	P&A	4930.0	2.07	14.0	81.0	9/19		/			.3	34.9	OIL BASED
991219	P&A	4930.0	2.07	86.0	23.0	9/19		/			.3	34.9	OIL BASED
991220	DST#1	4930.0	2.07	97.0	27.0	9/19		/			.3	36.1	OIL BASED
991221	P&A	4930.0	2.07	97.0	27.0	12/20		/			.2	36.1	OIL BASED
991222	P&A		2.07			/		/					OIL BASED
991224	P&A					/		/					OIL BASED

6.2.2 Mud Materials Used

The mud material consumption is shown in Table 6.2.2 (1 page)



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Memorandum Number: RL/00/680

Title:

**ORGANIC GEOCHEMICAL ANALYSIS OF WELL
6406/2-7**

Prepared For:

SAGA PETROLEUM A.S.A.
KJORBOVEIEN 16
POSTBOKS 490
1301 SANDVIKA
NORWAY

**REGISTRERT
OLJEDIREKTORATET**

15 DES. 2000

BA 00-1449-1

Author's signature
Mr M C Wadsworth

.....*M. Wadsworth*.....

14/7/2000

Date.....

SUMMARY & INTRODUCTION

Client name	Saga Petroleum A.S.A.
Well names	6406/2-7
Location	Norway
Dates of receipt	3/12/99
Dates of analysis	9/12/99 – 2/6/00
Sample types	Cuttings
RL job no	99034
Client ref. nos.	9 000 001 338

Wet ditch cuttings were received in geochemical cans from well 6406/2-7. Three hundred and sixtyone samples were submitted for analysis in the interval 1410 – 4974 m.

The objective of this report is to present analytical data produced from the samples documented above. Saga's personnel carried out all selection of analysis. The canned samples were analysed for headspace gas and gas fractions were taken for isotope analysis. After the cans were opened, occluded gas analysis was performed on a portion of the wet sediment. All samples were then washed, dried, described, crushed then solvent extracted, prior to total organic carbon analysis (TOC). Seventy-one samples were selected for Rock Eval pyrolysis. Finally, thirty-three samples were solvent extracted and analysed by Iatroscan fractionation. Thirty-seven samples were selected for Vitrinite Reflectance analysis, sample splits were taken and sent to IFE. The VR results were reported directed by IFE to Saga and do not appear in this report. IFE performed the isotope analysis presented in this report, at Saga's request. The analytical program (table 2) on pages 4 to 17 of this report fully documents the analysis carried out on each sample.

EXPERIMENTAL PROCEDURES

Unless otherwise stated, analysis was carried out following 'the Norwegian Industry Guide to Organic Geochemical Analysis, November 1992'. A detailed table documenting the methodologies adopted can be found overleaf.

EXPERIMENTAL PROCEDURES (Table 1)

RL/MEMO/00/680

ANALYSIS	INSTRUMENT	METHOD	TEMPERATURE PROGRAM	COLUMNS
Headspace gas	Perkin Elmer Sigma 3	NPD method	isothermal 110C	1/8" SS, packed
Occluded gas	Perkin Elmer Sigma 3	NPD method	isothermal 110C	1/8" SS, packed
TOC	Leco CS 125	OLS 1 *		
Rock Eval Pyrolysis	Rock Eval II	OLS 5 *	Cycle 1	
Iatroscan Fractionation	Iatroscan Mk III	NPD Method		
Isotope analysis	sub contracted and run at Saga's request by IFE			

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* - TOC and Rock Eval methods are comparable with NPD method. However we do not have Black Ven Marl. Consequently, the Rock Eval was calibrated with a standard related to Delsi IFP standard. In house check standards are run at greater frequency than prescribed in the NPD guidelines. Furthermore, both these methods are UKAS accredited. Robertson Laboratories has been UKAS accredited for the majority of it's geochemical services since 1991. UKAS, an organisation established by the UK government, has reciprocal agreements with Norske Veritas. UKAS accreditation is specifically designed for laboratory testing and is broadly based on ISO 9001. Robertson Laboratories were audited by Saga (Audit no. SAGA-93-110) and it's geochemical methods were found to be satisfactory.



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ANALYTICAL PROGRAM (Table 2)

Well Name	Sample Name	Upper Depth	Lower Depth	Sample Type	Headspace gas analysis	Occluded gas analysis	Gas Isotope analysis	Lithology descriptions	VR sent to IFE	Introscan	Clean Up Extraction	TOC	RockEvalPyrolysis
6406/2-7	99034-1	1410.0	1410.0	Cuttings	X	X		X	X		X		
6406/2-7	99034-1X	1410.0	1410.0	S.E.Cuttings								X	X
6406/2-7	99034-2	1420.0	1420.0	Cuttings	X	X		X			X		
6406/2-7	99034-2X	1420.0	1420.0	S.E.Cuttings								X	
6406/2-7	99034-3	1430.0	1430.0	Cuttings	X	X		X			X		
6406/2-7	99034-3X	1430.0	1430.0	S.E.Cuttings								X	
6406/2-7	99034-4	1440.0	1440.0	Cuttings	X	X		X			X		
6406/2-7	99034-4X	1440.0	1440.0	S.E.Cuttings								X	
6406/2-7	99034-5	1450.0	1450.0	Cuttings	X	X		X			X		
6406/2-7	99034-5X	1450.0	1450.0	S.E.Cuttings								X	
6406/2-7	99034-6	1460.0	1460.0	Cuttings	X	X		X			X		
6406/2-7	99034-6X	1460.0	1460.0	S.E.Cuttings								X	X
6406/2-7	99034-7	1470.0	1470.0	Cuttings	X	X		X			X		
6406/2-7	99034-7X	1470.0	1470.0	S.E.Cuttings								X	
6406/2-7	99034-8	1480.0	1480.0	Cuttings	X	X		X			X		
6406/2-7	99034-8X	1480.0	1480.0	S.E.Cuttings								X	
6406/2-7	99034-9	1490.0	1490.0	Cuttings	X	X		X			X		
6406/2-7	99034-9X	1490.0	1490.0	S.E.Cuttings								X	
6406/2-7	99034-10	1500.0	1500.0	Cuttings	X	X		X			X		
6406/2-7	99034-10X	1500.0	1500.0	S.E.Cuttings								X	
6406/2-7	99034-11	1510.0	1510.0	Cuttings	X	X		X	X		X		
6406/2-7	99034-11X	1510.0	1510.0	S.E.Cuttings								X	X
6406/2-7	99034-12	1520.0	1520.0	Cuttings	X	X	X	X			X		
6406/2-7	99034-12X	1520.0	1520.0	S.E.Cuttings								X	
6406/2-7	99034-13	1530.0	1530.0	Cuttings	X	X		X			X		
6406/2-7	99034-13X	1530.0	1530.0	S.E.Cuttings								X	
6406/2-7	99034-14	1540.0	1540.0	Cuttings	X	X		X			X		
6406/2-7	99034-14X	1540.0	1540.0	S.E.Cuttings								X	
6406/2-7	99034-15	1550.0	1550.0	Cuttings	X	X		X			X		
6406/2-7	99034-15X	1550.0	1550.0	S.E.Cuttings								X	
6406/2-7	99034-16	1560.0	1560.0	Cuttings	X	X		X			X		
6406/2-7	99034-16X	1560.0	1560.0	S.E.Cuttings								X	X
6406/2-7	99034-17	1570.0	1570.0	Cuttings	X	X		X			X		
6406/2-7	99034-17X	1570.0	1570.0	S.E.Cuttings								X	
6406/2-7	99034-18	1580.0	1580.0	Cuttings	X	X		X			X		
6406/2-7	99034-18X	1580.0	1580.0	S.E.Cuttings								X	
6406/2-7	99034-19	1590.0	1590.0	Cuttings	X	X		X			X		
6406/2-7	99034-19X	1590.0	1590.0	S.E.Cuttings								X	
6406/2-7	99034-20	1600.0	1600.0	Cuttings	X	X		X			X		
6406/2-7	99034-20X	1600.0	1600.0	S.E.Cuttings								X	
6406/2-7	99034-21	1610.0	1610.0	Cuttings	X	X	X	X	X		X		
6406/2-7	99034-21X	1610.0	1610.0	S.E.Cuttings								X	X
6406/2-7	99034-22	1620.0	1620.0	Cuttings	X	X		X			X		
6406/2-7	99034-22X	1620.0	1620.0	S.E.Cuttings								X	
6406/2-7	99034-23	1630.0	1630.0	Cuttings	X	X		X			X		
6406/2-7	99034-23X	1630.0	1630.0	S.E.Cuttings								X	
6406/2-7	99034-24	1640.0	1640.0	Cuttings	X	X		X			X		
6406/2-7	99034-24X	1640.0	1640.0	S.E.Cuttings								X	
6406/2-7	99034-25	1650.0	1650.0	Cuttings	X	X	X	X			X		
6406/2-7	99034-25X	1650.0	1650.0	S.E.Cuttings								X	
6406/2-7	99034-26	1660.0	1660.0	Cuttings	X	X		X			X		
6406/2-7	99034-26X	1660.0	1660.0	S.E.Cuttings								X	X
6406/2-7	99034-27	1670.0	1670.0	Cuttings	X	X		X			X		

ANALYTICAL PROGRAM (Table 2)

Well Name	Sample Name	Upper Depth	Lower Depth	Sample Type	Headspace gas analysis	Occluded gas analysis	Gas Isotope analysis	Lithology descriptions	VR sent to IFE	Iatroscan	Clean Up Extraction	TOC	RockEval/Pyrolysis
6406/2-7	99034-27X	1670.0	1670.0	S.E.Cuttings								X	
6406/2-7	99034-28	1680.0	1680.0	Cuttings	X	X		X			X		
6406/2-7	99034-28X	1680.0	1680.0	S.E.Cuttings								X	
6406/2-7	99034-29	1690.0	1690.0	Cuttings	X	X		X			X		
6406/2-7	99034-29X	1690.0	1690.0	S.E.Cuttings								X	
6406/2-7	99034-30	1700.0	1700.0	Cuttings	X	X		X			X		
6406/2-7	99034-30X	1700.0	1700.0	S.E.Cuttings								X	
6406/2-7	99034-31	1710.0	1710.0	Cuttings	X	X		X	X		X		
6406/2-7	99034-31X	1710.0	1710.0	S.E.Cuttings								X	X
6406/2-7	99034-32	1720.0	1720.0	Cuttings	X	X		X			X		
6406/2-7	99034-32X	1720.0	1720.0	S.E.Cuttings								X	
6406/2-7	99034-33	1730.0	1730.0	Cuttings	X	X		X			X		
6406/2-7	99034-33X	1730.0	1730.0	S.E.Cuttings								X	
6406/2-7	99034-34	1740.0	1740.0	Cuttings	X	X		X			X		
6406/2-7	99034-34X	1740.0	1740.0	S.E.Cuttings								X	
6406/2-7	99034-35	1750.0	1750.0	Cuttings	X	X		X			X		
6406/2-7	99034-35X	1750.0	1750.0	S.E.Cuttings								X	
6406/2-7	99034-36	1760.0	1760.0	Cuttings	X	X		X			X		
6406/2-7	99034-36X	1760.0	1760.0	S.E.Cuttings								X	X
6406/2-7	99034-37	1770.0	1770.0	Cuttings	X	X		X			X		
6406/2-7	99034-37X	1770.0	1770.0	S.E.Cuttings								X	
6406/2-7	99034-38	1780.0	1780.0	Cuttings	X	X		X			X		
6406/2-7	99034-38X	1780.0	1780.0	S.E.Cuttings								X	
6406/2-7	99034-39	1790.0	1790.0	Cuttings	X	X		X			X		
6406/2-7	99034-39X	1790.0	1790.0	S.E.Cuttings								X	
6406/2-7	99034-40	1800.0	1800.0	Cuttings	X	X		X			X		
6406/2-7	99034-40X	1800.0	1800.0	S.E.Cuttings								X	
6406/2-7	99034-41	1810.0	1810.0	Cuttings	X	X		X	X		X		
6406/2-7	99034-41X	1810.0	1810.0	S.E.Cuttings								X	X
6406/2-7	99034-42	1820.0	1820.0	Cuttings	X	X		X			X		
6406/2-7	99034-42X	1820.0	1820.0	S.E.Cuttings								X	
6406/2-7	99034-43	1830.0	1830.0	Cuttings	X	X		X			X		
6406/2-7	99034-43X	1830.0	1830.0	S.E.Cuttings								X	
6406/2-7	99034-44	1840.0	1840.0	Cuttings	X	X		X			X		
6406/2-7	99034-44X	1840.0	1840.0	S.E.Cuttings								X	
6406/2-7	99034-45	1850.0	1850.0	Cuttings	X	X		X			X		
6406/2-7	99034-45X	1850.0	1850.0	S.E.Cuttings								X	
6406/2-7	99034-46	1860.0	1860.0	Cuttings	X	X		X			X		
6406/2-7	99034-46X	1860.0	1860.0	S.E.Cuttings								X	X
6406/2-7	99034-47	1870.0	1870.0	Cuttings	X	X		X			X		
6406/2-7	99034-47X	1870.0	1870.0	S.E.Cuttings								X	
6406/2-7	99034-48	1880.0	1880.0	Cuttings	X	X		X			X		
6406/2-7	99034-48X	1880.0	1880.0	S.E.Cuttings								X	
6406/2-7	99034-49	1890.0	1890.0	Cuttings	X	X		X			X		
6406/2-7	99034-49X	1890.0	1890.0	S.E.Cuttings								X	
6406/2-7	99034-50	1900.0	1900.0	Cuttings	X	X		X			X		
6406/2-7	99034-50X	1900.0	1900.0	S.E.Cuttings								X	
6406/2-7	99034-51	1910.0	1910.0	Cuttings	X	X		X	X		X		
6406/2-7	99034-51X	1910.0	1910.0	S.E.Cuttings								X	X
6406/2-7	99034-52	1920.0	1920.0	Cuttings	X	X		X			X		
6406/2-7	99034-52X	1920.0	1920.0	S.E.Cuttings								X	
6406/2-7	99034-53	1930.0	1930.0	Cuttings	X	X		X			X		
6406/2-7	99034-53X	1930.0	1930.0	S.E.Cuttings								X	

ANALYTICAL PROGRAM (Table 2)

Well Name	Sample Name	Upper Depth	Lower Depth	Sample Type	Headspace gas analysis	Occluded gas analysis	Gas Isotope analysis	Lithology descriptions	VR sent to IFE	Iatroscan	Clean Up Extraction	TOC	RockEval/Pyrolysis
6406/2-7	99034-54	1940.0	1940.0	Cuttings	X	X		X			X		
6406/2-7	99034-54X	1940.0	1940.0	S.E.Cuttings								X	
6406/2-7	99034-55	1950.0	1950.0	Cuttings	X	X		X			X		
6406/2-7	99034-55X	1950.0	1950.0	S.E.Cuttings								X	
6406/2-7	99034-56	1960.0	1960.0	Cuttings	X	X		X			X		
6406/2-7	99034-56X	1960.0	1960.0	S.E.Cuttings								X	X
6406/2-7	99034-57	1970.0	1970.0	Cuttings	X	X		X			X		
6406/2-7	99034-57X	1970.0	1970.0	S.E.Cuttings								X	
6406/2-7	99034-58	1980.0	1980.0	Cuttings	X	X		X			X		
6406/2-7	99034-58X	1980.0	1980.0	S.E.Cuttings								X	
6406/2-7	99034-59	1990.0	1990.0	Cuttings	X	X		X			X		
6406/2-7	99034-59X	1990.0	1990.0	S.E.Cuttings								X	
6406/2-7	99034-60	2000.0	2000.0	Cuttings	X	X		X			X		
6406/2-7	99034-60X	2000.0	2000.0	S.E.Cuttings								X	
6406/2-7	99034-61	2010.0	2010.0	Cuttings	X	X		X	X		X		
6406/2-7	99034-61X	2010.0	2010.0	S.E.Cuttings								X	X
6406/2-7	99034-62	2020.0	2020.0	Cuttings	X	X		X			X		
6406/2-7	99034-62X	2020.0	2020.0	S.E.Cuttings								X	
6406/2-7	99034-63	2030.0	2030.0	Cuttings	X	X		X			X		
6406/2-7	99034-63X	2030.0	2030.0	S.E.Cuttings								X	
6406/2-7	99034-64	2040.0	2040.0	Cuttings	X	X		X			X		
6406/2-7	99034-64X	2040.0	2040.0	S.E.Cuttings								X	
6406/2-7	99034-65	2050.0	2050.0	Cuttings	X	X		X			X		
6406/2-7	99034-65X	2050.0	2050.0	S.E.Cuttings								X	
6406/2-7	99034-66	2060.0	2060.0	Cuttings	X	X		X			X		
6406/2-7	99034-66X	2060.0	2060.0	S.E.Cuttings								X	X
6406/2-7	99034-67	2070.0	2070.0	Cuttings	X	X		X			X		
6406/2-7	99034-67X	2070.0	2070.0	S.E.Cuttings								X	
6406/2-7	99034-68	2080.0	2080.0	Cuttings	X	X		X			X		
6406/2-7	99034-68X	2080.0	2080.0	S.E.Cuttings								X	
6406/2-7	99034-69	2090.0	2090.0	Cuttings	X	X		X			X		
6406/2-7	99034-69X	2090.0	2090.0	S.E.Cuttings								X	
6406/2-7	99034-70	2100.0	2100.0	Cuttings	X	X		X			X		
6406/2-7	99034-70X	2100.0	2100.0	S.E.Cuttings								X	
6406/2-7	99034-71	2110.0	2110.0	Cuttings	X	X		X	X		X		
6406/2-7	99034-71X	2110.0	2110.0	S.E.Cuttings								X	X
6406/2-7	99034-72	2120.0	2120.0	Cuttings	X	X		X			X		
6406/2-7	99034-72X	2120.0	2120.0	S.E.Cuttings								X	
6406/2-7	99034-73	2130.0	2130.0	Cuttings	X	X		X			X		
6406/2-7	99034-73X	2130.0	2130.0	S.E.Cuttings								X	
6406/2-7	99034-74	2140.0	2140.0	Cuttings	X	X		X			X		
6406/2-7	99034-74X	2140.0	2140.0	S.E.Cuttings								X	
6406/2-7	99034-75	2150.0	2150.0	Cuttings	X	X		X			X		
6406/2-7	99034-75X	2150.0	2150.0	S.E.Cuttings								X	
6406/2-7	99034-76	2160.0	2160.0	Cuttings	X	X		X			X		
6406/2-7	99034-76X	2160.0	2160.0	S.E.Cuttings								X	X
6406/2-7	99034-77	2170.0	2170.0	Cuttings	X	X		X			X		
6406/2-7	99034-77X	2170.0	2170.0	S.E.Cuttings								X	
6406/2-7	99034-78	2180.0	2180.0	Cuttings	X	X		X			X		
6406/2-7	99034-78X	2180.0	2180.0	S.E.Cuttings								X	
6406/2-7	99034-79	2190.0	2190.0	Cuttings	X	X		X			X		
6406/2-7	99034-79X	2190.0	2190.0	S.E.Cuttings								X	
6406/2-7	99034-80	2200.0	2200.0	Cuttings	X	X		X			X		

ANALYTICAL PROGRAM (Table 2)

Well Name	Sample Name	Upper Depth	Lower Depth	Sample Type	Headspace gas analysis	Occluded gas analysis	Gas Isotope analysis	Lithology descriptions	VR sent to IFE	Iatroscan	Clean Up Extraction	TOC	RockEvalPyrolysis
6406/2-7	99034-80X	2200.0	2200.0	S.E.Cuttings								X	
6406/2-7	99034-81	2210.0	2210.0	Cuttings	X	X		X	X		X	X	
6406/2-7	99034-81X	2210.0	2210.0	S.E.Cuttings								X	X
6406/2-7	99034-82	2220.0	2220.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-82X	2220.0	2220.0	S.E.Cuttings								X	
6406/2-7	99034-83	2230.0	2230.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-83X	2230.0	2230.0	S.E.Cuttings								X	
6406/2-7	99034-84	2240.0	2240.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-84X	2240.0	2240.0	S.E.Cuttings								X	
6406/2-7	99034-85	2250.0	2250.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-85X	2250.0	2250.0	S.E.Cuttings								X	
6406/2-7	99034-86	2260.0	2260.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-86X	2260.0	2260.0	S.E.Cuttings								X	X
6406/2-7	99034-87	2270.0	2270.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-87X	2270.0	2270.0	S.E.Cuttings								X	
6406/2-7	99034-88	2280.0	2280.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-88X	2280.0	2280.0	S.E.Cuttings								X	
6406/2-7	99034-89	2290.0	2290.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-89X	2290.0	2290.0	S.E.Cuttings								X	
6406/2-7	99034-90	2300.0	2300.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-90X	2300.0	2300.0	S.E.Cuttings								X	
6406/2-7	99034-91	2310.0	2310.0	Cuttings	X	X		X	X		X	X	
6406/2-7	99034-91X	2310.0	2310.0	S.E.Cuttings								X	X
6406/2-7	99034-92	2320.0	2320.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-92X	2320.0	2320.0	S.E.Cuttings								X	
6406/2-7	99034-93	2330.0	2330.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-93X	2330.0	2330.0	S.E.Cuttings								X	
6406/2-7	99034-94	2340.0	2340.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-94X	2340.0	2340.0	S.E.Cuttings								X	
6406/2-7	99034-95	2350.0	2350.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-95X	2350.0	2350.0	S.E.Cuttings								X	
6406/2-7	99034-96	2360.0	2360.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-96X	2360.0	2360.0	S.E.Cuttings								X	X
6406/2-7	99034-97	2370.0	2370.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-97X	2370.0	2370.0	S.E.Cuttings								X	
6406/2-7	99034-98	2380.0	2380.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-98X	2380.0	2380.0	S.E.Cuttings								X	
6406/2-7	99034-99	2390.0	2390.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-99X	2390.0	2390.0	S.E.Cuttings								X	
6406/2-7	99034-100	2400.0	2400.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-100X	2400.0	2400.0	S.E.Cuttings								X	
6406/2-7	99034-101	2410.0	2410.0	Cuttings	X	X		X	X		X	X	
6406/2-7	99034-101X	2410.0	2410.0	S.E.Cuttings								X	X
6406/2-7	99034-102	2420.0	2420.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-102X	2420.0	2420.0	S.E.Cuttings								X	
6406/2-7	99034-103	2430.0	2430.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-103X	2430.0	2430.0	S.E.Cuttings								X	
6406/2-7	99034-104	2440.0	2440.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-104X	2440.0	2440.0	S.E.Cuttings								X	
6406/2-7	99034-105	2450.0	2450.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-105X	2450.0	2450.0	S.E.Cuttings								X	
6406/2-7	99034-106	2460.0	2460.0	Cuttings	X	X		X			X	X	
6406/2-7	99034-106X	2460.0	2460.0	S.E.Cuttings								X	X