

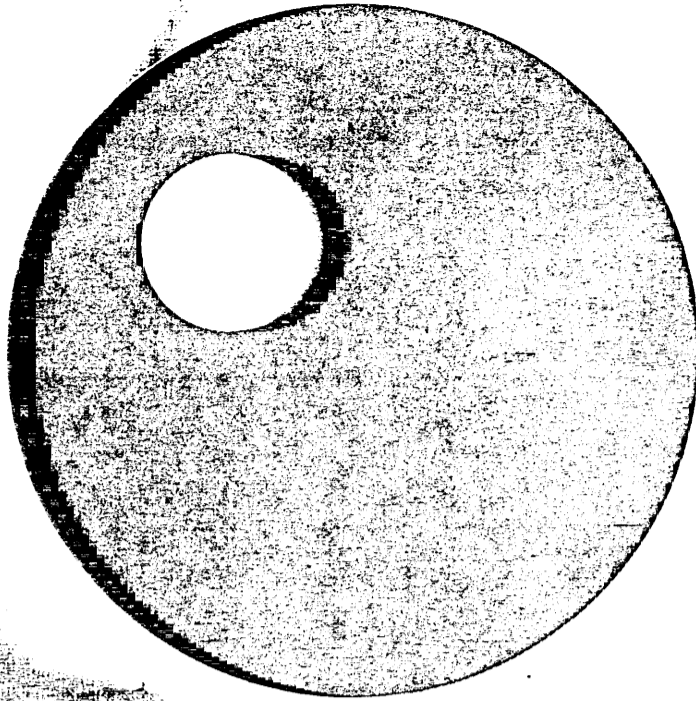
IFE sample code	Depth (mRKB)	Lithology	Vitr. refl. (%Rm)	Stand. dev.	Number of readings	Sample description	Sample quality
990837	1420	clyst/sst	0,25	0,04	23	000--+	M
990838	1500	clyst	0,27	0,04	22	000-00	M
990839	2110	clyst	0,27	0,04	21	000-0+	M
990840	2210	clyst	0,30	0,04	22	000-0+	M
990841	2310	clyst	0,28	0,04	18	-00-0+	M
990842	2410	clyst	0,38	0,07	21	000--+	M
990843	2520	clyst	0,30	0,04	6	-00--+	P
990844	2630	clyst	0,27	0,03	11	-00--+	M
990845	2740	clyst	0,35	0,08	20	000-0+	M
990846	2850	clyst/sst	0,40	0,07	12	-00-00	M
990847	2950	clyst/sst	0,46	0,07	19	000-00	M
990848	3060	clyst/sst	0,47	0,09	18	000--+	M
990849	3160	clyst/sst	0,53	0,08	22	000--0	M
990850	3260	clyst/sst	0,51	0,06	15	000--+	M
990851	3370	clyst/sst	0,54	0,08	20	000--+	M
990852	3470	clyst/sst	0,57	0,09	11	-00-00	M
990853	3560	clyst/sst	0,63	0,09	9	-00--0	P
990854	3660	clyst/sst	0,61	0,06	21	000--0	M
990855	3760	clyst/sst	0,71	0,15	9	-±0--0	P
990856	3860	clyst/sst	0,70	0,08	12	-00--0	M
990857	3960	clyst/sst	0,82	0,09	20	000--0	M
990858	4060	clyst/sst	0,85	0,14	5	-±0--0	P
990859	4160	clyst/sst	0,94	0,08	14	-±0--0	P
990860	4270	clyst/sst	0,93	0,06	5	-00-0+	P
990861	4370	clyst/sst	1,01	0,07	22	0000+	M
990862	4478	clyst/sst	1,03	0,12	20	000--+	M
990863	4577	clyst/sst	0,98	0,03	5	-±0--+	P
990864	4649	sst/clyst	1,06	0,13	9	-±0--+	P

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OLJEDIREKTORATET

03 FEB. 2000

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IFE DATA



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DATAREPORT ON STABLE ISOTOPES, GAS
SAMPLES FROM WELL 6406/2-6

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Summary Twelve gas samples from Saga Petroleum well 6406/2-6, ranging in upper depth from 1420m to 4649m, are analysed for isotopic composition. The work is done in accordance with «The Norwegian Industry Guide to Organic Geochemical Analyses», third edition 1993.			Distribution Robertson Laboratories (3) Andresen, B. Johansen, H. Johansen, I. File (3)	
Keywords:				
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Table 1 Gas composition of samples from well 6406/2-6

Sample	Depth (m)	IFE no GEO	C ₁ ppm	C ₂ ppm	C ₃ ppm	iC ₄ ppm	nC ₄ ppm	C ₅₊ ppm
98029-1	1420.0	990018	28038.56	90.92	83.34	45.24	23	110.180
98029-27	2060.0	990019	16604.08	264.04	176.25	36.13	28.08	50.240
98029-67	2880.0	990020	3866.97	427.33	255.41	54.54	44.42	32.150
98029-84	3240.0	990021	4375.35	701.51	363.81	64.26	40.75	23.330
98029-94	3470.0	990022	23.94	9.23	62.54	9.45	27.44	12.990
98029-112	3840.0	990023	3044.74	224.108	163.089	20.014	23.546	13.723
98029-130	4200.0	990024	966.534	145.198	99.396	9.489	14.461	10.314
98029-138	4370.0	990025	87.014	19.556	69.195	8.231	21.629	15.793
98029-144	4478.0	990026	822.729	210.066	148.966	25.103	32.577	30.342
98029-148	4550.0	990027	410.919	126.422	110.732	19.798	27.244	23.064
98029-152	4613.0	990028	1142.054	278.378	164.056	25.615	34.323	27.487
98029-154	4649.0	990029	508.056	147.795	55.81	3.289	8.711	6.772

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Table 2 Isotopic composition of gas samples from well 6406/2-6

Sample	Depth	IFE no GEO	C ₁	C ₁	C ₂	C ₃	iC ₄	nC ₄	CO ₂
			$\delta^{13}\text{C}$ ‰ PDB	δD ‰ SMOW	$\delta^{13}\text{C}$ ‰ PDB	$\delta^{13}\text{C}$ ‰ PDB	$\delta^{13}\text{C}$ ‰ PDB	$\delta^{13}\text{C}$ ‰ PDB	$\delta^{13}\text{C}$ ‰ PDB
98029-1	1420.0	990018	-	-	-	-	-	-	-12.4
98029-27	2060.0	990019	-	-	-	-	-	-	-16.3
98029-67	2880.0	990020	-41.2	-	-35.9	-33.5	-35.4	-30.2	-15.2
98029-84	3240.0	990021	-37.6	-	-31.4	-33.2	-33.0	-29.9	-15.9
98029-94	3470.0	990022	-	-	-	-	-28.1	-28.1	-17.0
98029-112	3840.0	990023	-35.6	-	-32.3	-29.8	-	-	-16.7
98029-130	4200.0	990024	-36.1	-	-28.5	-27.9	-	-	-16.9
98029-138	4370.0	990025	-	-	-	-24.5	-	-	-17.3
98029-144	4478.0	990026	-38.8	-	-29.3	-29.3	-	-30.4	-15.9
98029-148	4550.0	990027	-37.4	-	-30.4	-29.8	-	-26.9	-15.7
98029-152	4613.0	990028	-38.3	-	-28.2	-28.9	-	-28.9	-16.1
98029-154	4649.0	990029	-41.5	-	-29.5	-31.0	-	-	-16.2