

Table 7. Occluded gas, well 6704/12-1, Robertson lab.

Well Name	Location	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg rock	C2 uL/Kg rock	C3 uL/Kg rock	iC4 uL/Kg rock	nC4 uL/Kg rock	C5+ uL/Kg rock	SUM C1-C4	SUM C2-C4	Wetness %	iC4 nC4
6704/12-1	NOR	99018-1	2170.0	2170.0	Cuttings	11.20	0.52	0.20			9.19	11.92	0.72	6.02	
6704/12-1	NOR	99018-2	2180.0	2180.0	Cuttings	28.07	1.49	0.35			11.39	29.91	1.84	6.16	
6704/12-1	NOR	99018-3	2190.0	2190.0	Cuttings	13.62	0.42				14.54	14.04	0.42	3.01	
6704/12-1	NOR	99018-4	2200.0	2200.0	Cuttings	14.05	0.95				27.87	15.00	0.95	6.31	
6704/12-1	NOR	99018-5	2210.0	2210.0	Cuttings	17.40	1.05	0.54			33.65	18.99	1.59	8.39	
6704/12-1	NOR	99018-6	2220.0	2220.0	Cuttings	55.64	3.87	2.15	0.90	1.26	77.74	63.82	8.17	12.81	0.71
6704/12-1	NOR	99018-7	2230.0	2230.0	Cuttings	62.34	2.01	0.51	0.24	0.24	50.84	65.34	3.00	4.59	0.97
6704/12-1	NOR	99018-8	2240.0	2240.0	Cuttings	37.91	2.11	0.89	1.14	0.56	80.86	42.62	4.71	11.05	2.02
6704/12-1	NOR	99018-9	2250.0	2250.0	Cuttings	20.53	1.66	1.06	0.52	0.62	47.40	24.39	3.86	15.84	0.83
6704/12-1	NOR	99018-10	2260.0	2260.0	Cuttings	17.18	0.83	0.42	1.48	0.60	153.53	20.51	3.33	16.25	2.48
6704/12-1	NOR	99018-11	2270.0	2270.0	Cuttings	17.30	1.70	0.82	1.25	0.81	98.95	21.88	4.59	20.96	1.54
6704/12-1	NOR	99018-12	2280.0	2280.0	Cuttings	36.78	1.54	0.74	2.31	1.13	223.76	42.51	5.73	13.48	2.05
6704/12-1	NOR	99018-13	2290.0	2290.0	Cuttings	21.45	3.57	3.79	5.02	4.53	313.77	38.36	16.92	44.09	1.11
6704/12-1	NOR	99018-14	2300.0	2300.0	Cuttings	24.32	1.28	1.08	0.45	1.70	238.24	28.83	4.51	15.65	0.27
6704/12-1	NOR	99018-15	2310.0	2310.0	Cuttings	33.41	3.53	6.86	17.22	30.75	590.98	91.77	58.36	63.59	0.56
6704/12-1	NOR	99018-16	2320.0	2320.0	Cuttings	39.79	1.53	1.18	0.98	1.22	268.59	44.71	4.92	11.00	0.80
6704/12-1	NOR	99018-17	2330.0	2330.0	Cuttings	84.67	9.29	17.21	7.07	24.34	445.17	142.58	57.91	40.61	0.29
6704/12-1	NOR	99018-18	2340.0	2340.0	Cuttings	53.88	7.24	17.12	7.89	21.70	373.79	107.84	53.96	50.03	0.36
6704/12-1	NOR	99018-19	2350.0	2350.0	Cuttings	14.61	1.20	4.44	4.73	11.04	88.94	36.01	21.40	59.44	0.43
6704/12-1	NOR	99018-20	2360.0	2360.0	Cuttings	68.01	10.16	31.92	12.30	55.06	1126.38	177.45	109.44	61.67	0.22
6704/12-1	NOR	99018-21	2370.0	2370.0	Cuttings	62.43	10.36	33.81	11.15	48.57	568.25	166.32	103.89	62.46	0.23
6704/12-1	NOR	99018-22	2380.0	2380.0	Cuttings	41.98	8.16	21.80	8.38	36.23	489.50	116.55	74.56	63.98	0.23
6704/12-1	NOR	99018-23	2385.0	2385.0	Cuttings	116.46	1.87	5.64	6.05	14.90	186.83	144.93	28.47	19.64	0.41
6704/12-1	NOR	99018-24	2394.0	2394.0	Cuttings	22.67	2.55	6.52	8.65	22.87	609.81	63.25	40.58	64.16	0.38
6704/12-1	NOR	99018-25	2403.0	2403.0	Cuttings	56.38	3.06	5.63	8.35	24.53	945.96	97.94	41.56	42.44	0.34
6704/12-1	NOR	99018-26	2412.0	2412.0	Cuttings	14.61	1.61	1.19	0.12	0.83	139.96	18.37	3.75	20.44	0.15
6704/12-1	NOR	99018-27	2421.0	2421.0	Cuttings	29.75	2.33	4.29	1.25	8.71	498.99	46.32	16.57	35.78	0.14
6704/12-1	NOR	99018-28	2430.0	2430.0	Cuttings	98.32	8.42	5.58	1.81	5.42	985.82	119.55	21.23	17.76	0.33
6704/12-1	NOR	99018-29	2439.0	2439.0	Cuttings	65.55	4.06	4.45	2.03	8.76	793.65	84.85	19.30	22.74	0.23
6704/12-1	NOR	99018-30	2448.0	2448.0	Cuttings	99.29	19.39	57.11	28.17	108.23	1773.11	312.19	212.91	68.20	0.26
6704/12-1	NOR	99018-31	2457.0	2457.0	Cuttings	59.12	12.02	50.86	61.86	167.37	2262.53	351.23	292.11	83.17	0.37
6704/12-1	NOR	99018-32	2466.0	2466.0	Cuttings	67.39	8.73	28.31	18.72	75.96	1645.41	199.10	131.72	66.16	0.25
6704/12-1	NOR	99018-33	2475.0	2475.0	Cuttings	59.29	22.15	76.88	27.42	122.34	1657.31	308.08	248.79	80.75	0.22
6704/12-1	NOR	99018-34	2484.0	2484.0	Cuttings	31.80	12.32	38.86	12.74	58.35	1057.79	154.06	122.27	79.36	0.22
6704/12-1	NOR	99018-35	2493.0	2493.0	Cuttings	56.55	17.51	51.76	15.52	70.82	1308.82	212.16	155.61	73.35	0.22
6704/12-1	NOR	99018-36	2502.0	2502.0	Cuttings	53.52	22.60	56.57	14.62	71.67	1027.52	218.98	165.46	75.56	0.20
6704/12-1	NOR	99018-37	2511.0	2511.0	Cuttings	36.26	22.49	56.31	14.22	66.41	970.75	195.68	159.42	81.47	0.21

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6704/12-1	NOR	99018-38	2520.0	2520.0	Cuttings	12.39	7.58	30.70	11.21	56.28	1253.55	118.16	105.78	89.52	0.20
6704/12-1	NOR	99018-39	2529.0	2529.0	Cuttings	46.58	20.96	68.31	19.68	91.35	1117.47	246.88	200.29	81.13	0.22
6704/12-1	NOR	99018-40	2538.0	2538.0	Cuttings	68.36	23.99	78.81	26.26	119.35	1593.21	316.76	248.40	78.42	0.22
6704/12-1	NOR	99018-41	2547.0	2547.0	Cuttings	31.69	3.84	11.54	5.74	33.38	948.23	86.19	54.50	63.24	0.17
6704/12-1	NOR	99018-42	2556.0	2556.0	Cuttings	69.83	19.21	12.01	5.68	18.85	417.06	125.58	55.74	44.39	0.30
6704/12-1	NOR	99018-43	2565.0	2565.0	Cuttings	398.36	22.26	54.12	44.63	159.93	3258.20	679.29	280.94	41.36	0.28
6704/12-1	NOR	99018-44	2574.0	2574.0	Cuttings	214.12	29.94	37.31	11.88	53.63	1747.40	346.88	132.76	38.27	0.22
6704/12-1	NOR	99018-45	2583.0	2583.0	Cuttings	198.97	37.59	124.60	52.32	175.34	2484.21	588.82	389.85	66.21	0.30
6704/12-1	NOR	99018-46	2592.0	2592.0	Cuttings	190.31	24.71	92.25	43.86	148.64	2041.95	499.77	309.45	61.92	0.30
6704/12-1	NOR	99018-47	2601.0	2601.0	Cuttings	126.70	38.10	128.71	50.52	166.10	1699.74	510.13	383.43	75.16	0.30
6704/12-1	NOR	99018-48	2610.0	2610.0	Cuttings	276.86	34.33	122.49	53.17	165.99	1770.37	652.83	375.98	57.59	0.32
6704/12-1	NOR	99018-49	2619.0	2619.0	Cuttings	389.91	37.49	82.21	33.63	121.07	1941.29	664.31	274.40	41.31	0.28
6704/12-1	NOR	99018-50	2628.0	2628.0	Cuttings	149.47	26.87	99.63	36.82	118.18	1118.96	430.98	281.50	65.32	0.31
6704/12-1	NOR	99018-51	2637.0	2637.0	Cuttings	535.12	69.62	130.38	43.45	146.60	1593.29	925.16	390.05	42.16	0.30
6704/12-1	NOR	99018-52	2646.0	2646.0	Cuttings	1028.04	436.99	326.60	34.50	223.15	1987.34	2049.28	1021.24	49.83	0.15
6704/12-1	NOR	99018-53	2655.0	2655.0	Cuttings	991.92	220.15	204.36	27.50	149.75	1768.76	1593.69	601.77	37.76	0.18
6704/12-1	NOR	99018-54	2664.0	2664.0	Cuttings	644.79	57.52	74.68	23.67	98.98	2245.78	899.63	254.85	28.33	0.24
6704/12-1	NOR	99018-55	2673.0	2673.0	Cuttings	211.01	57.63	139.30	40.85	127.62	1012.38	576.41	365.40	63.39	0.32
6704/12-1	NOR	99018-56	2682.0	2682.0	Cuttings	166.78	43.47	144.94	49.51	147.38	1068.79	552.07	385.29	69.79	0.34
6704/12-1	NOR	99018-57	2691.0	2691.0	Cuttings	196.71	26.58	89.13	37.03	112.64	1065.36	462.09	265.38	57.43	0.33
6704/12-1	NOR	99018-58	2700.0	2700.0	Cuttings	161.13	35.39	91.17	30.85	102.94	1036.52	421.48	260.35	61.77	0.30
6704/12-1	NOR	99018-59	2709.0	2709.0	Cuttings	102.27	60.17	161.10	44.68	125.00	629.96	493.22	390.95	79.27	0.36
6704/12-1	NOR	99018-60	2718.0	2718.0	Cuttings	917.39	137.67	129.44	22.73	114.93	1605.11	1322.15	404.77	30.61	0.20
6704/12-1	NOR	99018-61	2727.0	2727.0	Cuttings	309.07	34.78	90.36	33.63	105.47	1045.78	573.30	264.23	46.09	0.32
6704/12-1	NOR	99018-62	2736.0	2736.0	Cuttings	234.78	25.20	88.55	36.59	108.42	923.34	493.55	258.77	52.43	0.34
6704/12-1	NOR	99018-63	2745.0	2745.0	Cuttings	182.86	92.31	193.99	57.66	138.50	768.01	665.32	482.46	72.52	0.42
6704/12-1	NOR	99018-64	2754.0	2754.0	Cuttings	161.54	42.93	126.11	39.24	110.30	881.31	480.12	318.58	66.35	0.36
6704/12-1	NOR	99018-65	2763.0	2763.0	Cuttings	166.83	65.17	134.79	36.62	96.92	597.78	500.33	333.49	66.65	0.38
6704/12-1	NOR	99018-66	2772.0	2772.0	Cuttings	416.76	100.44	156.09	31.43	118.79	898.83	823.52	406.76	49.39	0.26
6704/12-1	NOR	99018-67	2781.0	2781.0	Cuttings	386.33	33.27	56.40	15.23	62.20	474.22	553.43	167.10	30.19	0.24
6704/12-1	NOR	99018-68	2790.0	2790.0	Cuttings	204.54	32.42	71.62	21.40	71.84	585.35	401.82	197.28	49.10	0.30
6704/12-1	NOR	99018-69	2799.0	2799.0	Cuttings	117.30	11.44	40.68	14.87	51.72	406.39	236.01	118.71	50.30	0.29
6704/12-1	NOR	99018-70	2808.0	2808.0	Cuttings	497.51	195.19	182.09	29.45	166.03	1186.14	1070.26	572.75	53.51	0.18
6704/12-1	NOR	99018-71	2817.0	2817.0	Cuttings	218.82	22.51	64.45	26.29	80.17	708.16	412.25	193.42	46.92	0.33
6704/12-1	NOR	99018-72	2826.0	2826.0	Cuttings	165.16	34.15	128.35	48.22	137.26	1017.33	513.14	347.98	67.81	0.35
6704/12-1	NOR	99018-73	2835.0	2835.0	Cuttings	224.77	46.05	53.63	13.94	53.31	714.66	391.70	166.93	42.62	0.26
6704/12-1	NOR	99018-74	2844.0	2844.0	Cuttings	125.93	14.36	50.27	23.50	58.94	564.82	273.00	147.07	53.87	0.40

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6704/12-1	NOR	99018-75	2853.0	2853.0	Cuttings	606.60	112.09	92.40	20.41	86.21	1108.88	917.71	311.11	33.90	0.24
6704/12-1	NOR	99018-76	2862.0	2862.0	Cuttings	14.93	1.77	0.43	0.82	1.64	86.16	19.60	4.66	23.80	0.50
6704/12-1	NOR	99018-77	2871.0	2871.0	Cuttings	16.60	1.18	1.17	1.20	3.53	182.68	23.68	7.08	29.90	0.34
6704/12-1	NOR	99018-78	2880.0	2880.0	Cuttings	26.61	2.17	1.70	1.54	3.83	300.53	35.84	9.23	25.75	0.40
6704/12-1	NOR	99018-79	2889.0	2889.0	Cuttings	38.59	2.18	2.41	1.87	5.08	227.30	50.13	11.54	23.02	0.37
6704/12-1	NOR	99018-80	2898.0	2898.0	Cuttings	35.74	1.63	6.01	6.28	13.87	329.51	63.52	27.78	43.74	0.45
6704/12-1	NOR	99018-81	2907.0	2907.0	Cuttings	42.66	1.96	8.95	6.29	17.17	394.59	77.02	34.36	44.61	0.37
6704/12-1	NOR	99018-82	2916.0	2916.0	Cuttings	63.82	3.20	9.67	8.14	22.47	498.14	107.30	43.48	40.52	0.36
6704/12-1	NOR	99018-83	2925.0	2925.0	Cuttings	79.13	6.58	39.71	26.76	64.22	713.71	216.40	137.28	63.44	0.42
6704/12-1	NOR	99018-84	2934.0	2934.0	Cuttings	137.27	18.92	97.52	38.35	117.97	1191.97	410.03	272.76	66.52	0.33
6704/12-1	NOR	99018-85	2943.0	2943.0	Cuttings	40.16	11.36	66.00	29.89	81.20	738.34	228.60	188.45	82.43	0.37
6704/12-1	NOR	99018-86	2952.0	2952.0	Cuttings	143.48	46.20	175.90	69.19	169.75	1270.86	604.52	461.04	76.27	0.41
6704/12-1	NOR	99018-87	2961.0	2961.0	Cuttings	100.85	68.88	247.63	91.46	221.72	1186.19	730.53	629.69	86.20	0.41
6704/12-1	NOR	99018-88	2970.0	2970.0	Cuttings	95.18	33.11	113.02	42.06	117.19	995.66	400.57	305.38	76.24	0.36
6704/12-1	NOR	99018-89	2979.0	2979.0	Cuttings	105.30	12.00	45.05	20.99	66.37	1029.16	249.71	144.41	57.83	0.32
6704/12-1	NOR	99018-90	2988.0	2988.0	Cuttings	85.73	8.59	44.17	23.42	73.62	1067.31	235.53	149.80	63.60	0.32
6704/12-1	NOR	99018-91	2997.0	2997.0	Cuttings	129.35	10.07	30.13	15.29	54.91	1037.21	239.74	110.39	46.05	0.28
6704/12-1	NOR	99018-92	3006.0	3006.0	Cuttings	600.65	47.98	47.82	13.87	36.83	693.83	747.16	146.51	19.61	0.38
6704/12-1	NOR	99018-93	3015.0	3015.0	Cuttings	206.31	9.16	6.68	4.38	15.93	696.69	242.45	36.15	14.91	0.27
6704/12-1	NOR	99018-94	3024.0	3024.0	Cuttings	118.07	6.64	17.43	8.81	29.50	403.52	180.46	62.39	34.57	0.30
6704/12-1	NOR	99018-95	3033.0	3033.0	Cuttings	100.21	10.27	32.90	13.87	52.22	488.26	209.46	109.25	52.16	0.27
6704/12-1	NOR	99018-96	3042.0	3042.0	Cuttings	102.71	7.26	38.90	17.86	60.82	599.63	227.54	124.83	54.86	0.29
6704/12-1	NOR	99018-97	3051.0	3051.0	Cuttings	98.51	49.07	176.53	67.19	194.25	976.93	585.56	487.05	83.18	0.35
6704/12-1	NOR	99018-98	3060.0	3060.0	Cuttings	95.71	56.94	206.46	75.12	230.37	1189.91	664.59	568.88	85.60	0.33
6704/12-1	NOR	99018-99	3069.0	3069.0	Cuttings	122.39	57.08	228.32	90.05	284.05	1483.09	781.88	659.49	84.35	0.32
6704/12-1	NOR	99018-100	3078.0	3078.0	Cuttings	135.19	101.07	324.98	110.73	349.47	1635.30	1021.44	886.24	86.76	0.32
6704/12-1	NOR	99018-101	3087.0	3087.0	Cuttings	80.20	83.38	308.97	99.63	338.59	1477.28	910.76	830.57	91.19	0.29
6704/12-1	NOR	99018-102	3096.0	3096.0	Cuttings	82.87	60.78	246.64	85.18	302.35	1413.98	777.82	694.96	89.35	0.28
6704/12-1	NOR	99018-103	3105.0	3105.0	Cuttings	97.02	71.96	240.06	72.80	256.00	1301.10	737.83	640.81	86.85	0.28
6704/12-1	NOR	99018-104	3114.0	3114.0	Cuttings	176.10	130.33	336.95	85.53	307.25	1762.45	1036.15	860.05	83.00	0.28
6704/12-1	NOR	99018-105	3123.0	3123.0	Cuttings	191.17	174.34	427.22	106.69	372.79	1732.48	1272.21	1081.04	84.97	0.29
6704/12-1	NOR	99018-106	3132.0	3132.0	Cuttings	147.33	164.12	411.48	86.82	323.90	1501.34	1133.66	986.32	87.00	0.27
6704/12-1	NOR	99018-107	3141.0	3141.0	Cuttings	318.37	159.62	500.72	123.56	519.11	2809.80	1621.38	1303.01	80.36	0.24
6704/12-1	NOR	99018-108	3150.0	3150.0	Cuttings	529.46	346.76	802.82	163.83	714.70	3320.56	2557.57	2028.11	79.30	0.23
6704/12-1	NOR	99018-109	3159.0	3159.0	Cuttings	107.65	100.55	289.04	60.62	235.48	1011.14	793.34	685.69	86.43	0.26
6704/12-1	NOR	99018-110	3168.0	3168.0	Cuttings	143.67	140.60	354.71	74.05	277.33	1266.99	990.36	846.69	85.49	0.27
6704/12-1	NOR	99018-111	3177.0	3177.0	Cuttings	146.62	120.96	337.32	79.35	296.39	1519.34	980.64	834.02	85.05	0.27

Table 7. Occluded gas, well 6704/12-1, Robertson lab.

Well Name	Location	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg rock	C2 uL/Kg rock	C3 uL/Kg rock	iC4 uL/Kg rock	nC4 uL/Kg rock	C5+ uL/Kg rock	SUM C1-C4	SUM C2-C4	Wetness %	iC4 nC4
6704/12-1	NOR	99018-112	3186.0	3186.0	Cuttings	123.47	135.15	472.99	116.05	445.18	1833.48	1292.85	1169.38	90.45	0.26
6704/12-1	NOR	99018-113	3195.0	3195.0	Cuttings	163.60	127.10	494.41	132.92	513.97	2550.43	1432.00	1268.40	88.58	0.26
6704/12-1	NOR	99018-114	3204.0	3204.0	Cuttings	202.14	165.51	504.16	121.85	451.69	2030.39	1445.33	1243.20	86.01	0.27
6704/12-1	NOR	99018-115	3213.0	3213.0	Cuttings	168.31	150.93	502.64	128.93	466.73	2097.49	1417.53	1249.22	88.13	0.28
6704/12-1	NOR	99018-116	3222.0	3222.0	Cuttings	168.34	159.71	497.22	119.81	452.85	2024.12	1397.92	1229.58	87.96	0.26
6704/12-1	NOR	99018-117	3231.0	3231.0	Cuttings	151.33	131.36	423.70	95.76	358.80	1527.28	1160.96	1009.63	86.96	0.27
6704/12-1	NOR	99018-118	3240.0	3240.0	Cuttings	172.86	163.37	488.68	118.12	416.22	1777.57	1359.25	1186.39	87.28	0.28
6704/12-1	NOR	99018-119	3249.0	3249.0	Cuttings	218.52	168.67	461.48	103.08	386.16	1598.78	1337.91	1119.39	83.67	0.27
6704/12-1	NOR	99018-120	3258.0	3258.0	Cuttings	223.43	168.56	603.37	151.87	567.29	2266.88	1714.53	1491.10	86.97	0.27
6704/12-1	NOR	99018-121	3267.0	3267.0	Cuttings	150.90	200.32	628.77	145.49	534.72	1965.70	1660.20	1509.30	90.91	0.27
6704/12-1	NOR	99018-122	3276.0	3276.0	Cuttings	114.95	151.71	606.48	148.44	594.10	1867.95	1615.67	1500.72	92.89	0.25
6704/12-1	NOR	99018-123	3285.0	3285.0	Cuttings	109.55	147.27	582.86	140.45	528.42	1796.83	1508.56	1399.01	92.74	0.27
6704/12-1	NOR	99018-124	3294.0	3294.0	Cuttings	134.23	196.01	651.23	123.81	533.55	1660.80	1638.83	1504.61	91.81	0.23
6704/12-1	NOR	99018-125	3303.0	3303.0	Cuttings	96.68	165.16	660.06	124.54	541.47	1519.02	1587.92	1491.24	93.91	0.23
6704/12-1	NOR	99018-126	3312.0	3312.0	Cuttings	134.84	177.03	625.87	116.10	507.12	1579.99	1560.95	1426.11	91.36	0.23
6704/12-1	NOR	99018-127	3321.0	3321.0	Cuttings	97.08	128.00	490.02	98.63	419.38	1382.13	1233.11	1136.03	92.13	0.24
6704/12-1	NOR	99018-128	3330.0	3330.0	Cuttings	201.87	75.55	468.89	109.57	495.28	2067.65	1351.16	1149.29	85.06	0.22
6704/12-1	NOR	99018-129	3339.0	3339.0	Cuttings	40.70	66.47	271.58	53.02	240.88	807.06	672.64	631.94	93.95	0.22
6704/12-1	NOR	99018-130	3348.0	3348.0	Cuttings	124.33	167.30	624.01	118.74	496.23	1307.30	1530.60	1406.27	91.88	0.24
6704/12-1	NOR	99018-131	3357.0	3357.0	Cuttings	136.77	132.69	501.84	96.95	445.53	1482.71	1313.77	1177.00	89.59	0.22
6704/12-1	NOR	99018-132	3366.0	3366.0	Cuttings	129.54	167.08	683.91	148.29	659.64	1810.65	1788.46	1658.92	92.76	0.22
6704/12-1	NOR	99018-133	3375.0	3375.0	Cuttings	92.17	135.88	485.96	89.33	403.96	1099.01	1207.30	1115.13	92.37	0.22
6704/12-1	NOR	99018-134	3384.0	3384.0	Cuttings	75.05	92.92	465.04	103.67	468.41	1391.47	1205.08	1130.03	93.77	0.22
6704/12-1	NOR	99018-135	3393.0	3393.0	Cuttings	129.86	171.87	750.19	156.37	713.57	1952.42	1921.86	1792.00	93.24	0.22
6704/12-1	NOR	99018-136	3402.0	3402.0	Cuttings	84.64	133.33	516.03	96.65	453.17	1216.33	1283.82	1199.18	93.41	0.21
6704/12-1	NOR	99018-137	3411.0	3411.0	Cuttings	85.46	83.88	363.27	66.86	334.52	996.48	933.99	848.53	90.85	0.20
6704/12-1	NOR	99018-138	3420.0	3420.0	Cuttings	106.04	115.61	468.85	93.55	424.62	1361.12	1208.67	1102.63	91.23	0.22
6704/12-1	NOR	99018-139	3429.0	3429.0	Cuttings	153.66	217.91	876.80	176.14	786.86	2190.98	2211.37	2057.71	93.05	0.22
6704/12-1	NOR	99018-140	3438.0	3438.0	Cuttings	99.93	186.29	799.42	181.45	772.31	1992.69	2039.39	1939.47	95.10	0.23
6704/12-1	NOR	99018-141	3447.0	3447.0	Cuttings	108.45	173.04	755.17	166.08	724.11	2258.70	1926.85	1818.40	94.37	0.23
6704/12-1	NOR	99018-142	3456.0	3456.0	Cuttings	144.64	141.12	664.13	152.72	661.59	2104.55	1764.19	1619.55	91.80	0.23
6704/12-1	NOR	99018-143	3465.0	3465.0	Cuttings	82.89	126.61	624.42	128.83	590.84	1844.50	1553.58	1470.69	94.66	0.22
6704/12-1	NOR	99018-144	3474.0	3474.0	Cuttings	100.65	96.31	432.35	82.05	411.13	1394.47	1122.49	1021.84	91.03	0.20
6704/12-1	NOR	99018-145	3483.0	3483.0	Cuttings	56.32	87.86	376.58	61.57	327.74	1074.03	910.07	853.76	93.81	0.19
6704/12-1	NOR	99018-146	3492.0	3492.0	Cuttings	121.65	100.51	438.10	85.58	412.99	1183.68	1158.83	1037.18	89.50	0.21
6704/12-1	NOR	99018-147	3501.0	3501.0	Cuttings	85.65	21.78	111.12	25.20	119.16	594.04	362.91	277.26	76.40	0.21
6704/12-1	NOR	99018-148	3510.0	3510.0	Cuttings	140.15	45.37	263.19	74.82	340.90	1475.15	864.42	724.27	83.79	0.22

Table 7. Occluded gas, well 6704/12-1, Robertson lab.

Well Name	Location	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg rock	C2 uL/Kg rock	C3 uL/Kg rock	iC4 uL/Kg rock	nC4 uL/Kg rock	C5+ uL/Kg rock	SUM C1-C4	SUM C2-C4	Wetness %	iC4 nC4
6704/12-1	NOR	99018-149	3519.0	3519.0	Cuttings	Only very small amounts of sample in the cans - Occluded gas analysis not possible									
6704/12-1	NOR	99018-150	3528.0	3528.0	Cuttings	As above									
6704/12-1	NOR	99018-151	3537.0	3537.0	Cuttings	As above									
6704/12-1	NOR	99018-152	3546.0	3546.0	Cuttings	As above									
6704/12-1	NOR	99018-153	3555.0	3555.0	Cuttings	As above									
6704/12-1	NOR	99018-154	3564.0	3564.0	Cuttings	As above									
6704/12-1	NOR	99018-155	3573.0	3573.0	Cuttings	As above									
6704/12-1	NOR	99018-156	3582.0	3582.0	Cuttings	100.38	55.98	204.45	39.57	221.54	1124.08	621.91	521.53	83.86	0.18
6704/12-1	NOR	99018-157	3591.0	3591.0	Cuttings	105.03	40.31	171.27	37.84	230.09	1187.39	584.56	479.52	82.03	0.16
6704/12-1	NOR	99018-158	3600.0	3600.0	Cuttings	116.85	77.37	295.99	61.46	340.38	1522.45	892.05	775.20	86.90	0.18
6704/12-1	NOR	99018-159	3609.0	3609.0	Cuttings	116.25	69.78	247.10	51.11	281.51	1189.84	765.75	649.50	84.82	0.18
6704/12-1	NOR	99018-160	3618.0	3618.0	Cuttings	66.47	62.55	236.43	47.54	263.27	1070.92	676.25	609.78	90.17	0.18
6704/12-1	NOR	99018-161	3627.0	3627.0	Cuttings	234.61	92.86	261.63	50.59	268.97	1124.60	908.66	674.05	74.18	0.19
6704/12-1	NOR	99018-162	3636.0	3636.0	Cuttings	222.84	128.82	406.66	80.59	423.22	1798.21	1262.14	1039.29	82.34	0.19
6704/12-1	NOR	99018-163	3645.0	3645.0	Cuttings	151.30	87.01	291.41	58.05	322.24	1550.25	910.00	758.70	83.37	0.18
6704/12-1	NOR	99018-164	3654.0	3654.0	Cuttings	157.44	155.02	398.35	69.95	366.45	1570.38	1147.20	989.77	86.28	0.19
6704/12-1	NOR	99018-165	3663.0	3663.0	Cuttings	173.88	195.03	364.54	64.36	324.13	1191.22	1121.94	948.06	84.50	0.20
6704/12-1	NOR	99018-166	3672.0	3672.0	Cuttings	244.64	330.22	497.32	81.11	395.08	1586.54	1548.37	1303.73	84.20	0.21
6704/12-1	NOR	99018-167	3681.0	3681.0	Cuttings	154.72	273.71	502.47	89.53	421.15	1592.51	1441.58	1286.86	89.27	0.21
6704/12-1	NOR	99018-168	3690.0	3690.0	Cuttings	194.12	222.09	433.48	79.03	388.90	1544.97	1317.63	1123.51	85.27	0.20
6704/12-1	NOR	99018-169	3699.0	3699.0	Cuttings	256.27	240.20	494.58	100.60	503.48	2431.65	1595.13	1338.86	83.93	0.20
6704/12-1	NOR	99018-170	3708.0	3708.0	Cuttings	386.96	234.33	444.51	92.39	448.78	2326.17	1606.98	1220.02	75.92	0.21
6704/12-1	NOR	99018-171	3717.0	3717.0	Cuttings	190.50	263.32	458.16	89.85	390.03	1789.92	1391.85	1201.36	86.31	0.23
6704/12-1	NOR	99018-172	3726.0	3726.0	Cuttings	436.17	366.78	452.03	91.41	367.40	1833.53	1713.78	1277.61	74.55	0.25
6704/12-1	NOR	99018-173	3735.0	3735.0	Cuttings	256.49	484.40	476.52	80.86	311.88	1434.85	1610.15	1353.66	84.07	0.26
6704/12-1	NOR	99018-174	3744.0	3744.0	Cuttings	364.75	591.83	703.50	118.54	468.90	2140.79	2247.53	1882.78	83.77	0.25
6704/12-1	NOR	99018-175	3753.0	3753.0	Cuttings	480.49	892.33	903.64	105.06	435.43	2053.72	2816.95	2336.46	82.94	0.24
6704/12-1	NOR	99018-176	3762.0	3762.0	Cuttings	252.89	456.30	434.64	65.06	219.12	1114.73	1428.01	1175.12	82.29	0.30
6704/12-1	NOR	99018-177	3771.0	3771.0	Cuttings	356.23	420.19	412.87	58.36	208.18	1103.43	1455.83	1099.60	75.53	0.28
6704/12-1	NOR	99018-178	3780.0	3780.0	Cuttings	276.13	422.14	340.87	49.40	159.52	816.74	1248.06	971.93	77.88	0.31
6704/12-1	NOR	99018-179	3789.0	3789.0	Cuttings	276.06	425.91	410.16	58.60	193.08	985.62	1363.82	1087.75	79.76	0.30
6704/12-1	NOR	99018-180	3798.0	3798.0	Cuttings	330.69	490.49	472.61	74.44	231.51	1155.26	1599.74	1269.05	79.33	0.32
6704/12-1	NOR	99018-181	3807.0	3807.0	Cuttings	293.26	444.08	473.86	82.99	263.73	1324.05	1557.92	1264.66	81.18	0.31
6704/12-1	NOR	99018-182	3816.0	3816.0	Cuttings	227.92	395.93	357.15	62.81	180.39	889.00	1224.19	996.27	81.38	0.35
6704/12-1	NOR	99018-183	3825.0	3825.0	Cuttings	375.03	400.38	217.17	32.70	92.15	741.72	1117.43	742.40	66.44	0.35
6704/12-1	NOR	99018-184	3834.0	3834.0	Cuttings	170.71	256.67	153.07	22.08	66.70	387.40	669.23	498.52	74.49	0.33
6704/12-1	NOR	99018-185	3843.0	3843.0	Cuttings	282.40	403.27	162.75	21.28	59.70	425.63	929.40	647.00	69.61	0.36

Table 7. Occluded gas, well 6704/12-1, Robertson lab.

Well Name	Location	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg rock	C2 uL/Kg rock	C3 uL/Kg rock	iC4 uL/Kg rock	nC4 uL/Kg rock	C5+ uL/Kg rock	SUM C1-C4	SUM C2-C4	Wetness %	iC4 nC4
6704/12-1	NOR	99018-186	3852.0	3852.0	Cuttings	425.75	578.88	210.19	20.40	67.68	507.04	1302.91	877.16	67.32	0.30
6704/12-1	NOR	99018-187	3861.0	3861.0	Cuttings	315.42	426.79	242.11	25.53	94.64	692.47	1104.49	789.07	71.44	0.27
6704/12-1	NOR	99018-188	3870.0	3870.0	Cuttings	311.81	253.06	159.17	20.63	64.67	400.13	809.34	497.53	61.47	0.32
6704/12-1	NOR	99018-189	3879.0	3879.0	Cuttings	154.33	171.79	156.18	22.26	81.68	523.93	586.25	431.92	73.68	0.27
6704/12-1	NOR	99018-190	3888.0	3888.0	Cuttings	293.78	282.80	230.19	30.61	116.72	785.72	954.11	660.32	69.21	0.26
6704/12-1	NOR	99018-191	3897.0	3897.0	Cuttings	177.18	148.48	172.70	35.75	107.60	522.92	641.71	464.53	72.39	0.33
6704/12-1	NOR	99018-192	3906.0	3906.0	Cuttings	312.11	768.35	584.67	81.24	300.54	1390.04	2046.92	1734.80	84.75	0.27
6704/12-1	NOR	99018-193	3915.0	3915.0	Cuttings	308.42	437.36	441.54	82.46	273.29	1768.97	1543.07	1234.65	80.01	0.30
6704/12-1	NOR	99018-194	3924.0	3924.0	Cuttings	128.02	291.78	285.52	40.68	159.26	1189.08	905.26	777.24	85.86	0.26
6704/12-1	NOR	99018-195	3933.0	3933.0	Cuttings	108.62	205.97	265.16	40.30	157.88	972.03	777.93	669.31	86.04	0.26
6704/12-1	NOR	99018-196	3942.0	3942.0	Cuttings	145.55	213.25	245.57	30.94	130.85	819.81	766.17	620.62	81.00	0.24
6704/12-1	NOR	99018-197	3951.0	3951.0	Cuttings	134.15	272.32	297.54	39.99	149.21	844.54	893.21	759.06	84.98	0.27
6704/12-1	NOR	99018-198	3960.0	3960.0	Cuttings	112.10	97.45	81.41	13.61	48.22	308.59	352.80	240.70	68.22	0.28
6704/12-1	NOR	99018-199	3969.0	3969.0	Cuttings	97.02	99.45	64.49	12.63	32.66	245.47	306.26	209.24	68.32	0.39
6704/12-1	NOR	99018-200	3978.0	3978.0	Cuttings	146.01	100.07	115.11	22.06	67.20	561.25	450.45	304.44	67.59	0.33
6704/12-1	NOR	99018-201	3987.0	3987.0	Cuttings	238.57	179.82	119.74	13.36	63.55	609.61	615.03	376.46	61.21	0.21
6704/12-1	NOR	99018-202	3996.0	3996.0	Cuttings	174.83	94.50	113.66	26.66	79.87	623.33	489.53	314.70	64.29	0.33
6704/12-1	NOR	99018-203	4005.0	4005.0	Cuttings	423.94	177.20	156.30	25.51	107.37	1045.42	890.31	466.37	52.38	0.24
6704/12-1	NOR	99018-204	4014.0	4014.0	Cuttings	658.26	259.81	222.69	35.81	142.77	1216.52	1319.34	661.08	50.11	0.25
6704/12-1	NOR	99018-205	4023.0	4023.0	Cuttings	274.15	241.61	260.77	53.45	170.64	1080.61	1000.62	726.47	72.60	0.31
6704/12-1	NOR	99018-206	4032.0	4032.0	Cuttings	189.32	176.28	164.18	29.76	102.08	730.69	661.62	472.30	71.39	0.29
6704/12-1	NOR	99018-207	4041.0	4041.0	Cuttings	232.11	197.44	233.60	56.83	174.41	1638.64	894.40	662.29	74.05	0.33
6704/12-1	NOR	99018-208	4050.0	4050.0	Cuttings	235.37	250.05	264.27	52.56	169.35	1199.40	971.60	736.23	75.77	0.31
6704/12-1	NOR	99018-209	4059.0	4059.0	Cuttings	288.40	171.79	217.40	59.17	160.46	1051.81	897.23	608.82	67.86	0.37
6704/12-1	NOR	99018-210	4068.0	4068.0	Cuttings	5903.04	403.30	257.65	52.60	186.73	1706.51	6803.33	900.28	13.23	0.28
6704/12-1	NOR	99018-211	4077.0	4077.0	Cuttings	538.59	160.86	214.94	38.49	141.86	850.45	1094.74	556.16	50.80	0.27

Table 8. Iatrosan data on cuttings, well 6704/12-1, Robertson lab

Well Name	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology	Rock Wt (Gm)	Extract ield (mg/g)	Sats (mg/g)	Aroms (mg/g)	Asph (mg/g)	Polar (mg/g)
6704/12-1	NOR	99018-70	2808.0	2808.0	Cuttings	Bulk	2.0	3.10	0.31	0.28		2.51
6704/12-1	NOR	99018-71	2817.0	2817.0	Cuttings	Bulk	2.0	4.75	0.49	0.49		3.77
6704/12-1	NOR	99018-72	2826.0	2826.0	Cuttings	Bulk	2.0	6.00	0.41	0.59		5.00
6704/12-1	NOR	99018-73	2835.0	2835.0	Cuttings	Bulk	2.0	4.45	0.61	0.35		3.50
6704/12-1	NOR	99018-74	2844.0	2844.0	Cuttings	Bulk	2.0	4.85	0.43	0.64		3.78
6704/12-1	NOR	99018-75	2853.0	2853.0	Cuttings	Bulk	2.0	5.15	0.52	0.52		4.12
6704/12-1	NOR	99018-76	2862.0	2862.0	Cuttings	Bulk	2.0	9.90	0.94	0.22		8.74
6704/12-1	NOR	99018-77	2871.0	2871.0	Cuttings	Bulk	2.0	7.00	0.88	0.46		5.66
6704/12-1	NOR	99018-78	2880.0	2880.0	Cuttings	Bulk	2.0	5.25	0.64	0.32		4.29
6704/12-1	NOR	99018-79	2889.0	2889.0	Cuttings	Bulk	2.0	4.20	0.60	0.37		3.24
6704/12-1	NOR	99018-80	2898.0	2898.0	Cuttings	Bulk	2.0	8.05	0.56	0.34		7.15
6704/12-1	NOR	99018-81	2907.0	2907.0	Cuttings	Bulk	2.0	9.25	0.88	0.40		7.97
6704/12-1	NOR	99018-82	2916.0	2916.0	Cuttings	Bulk	2.0	4.80	0.70	0.25		3.85
6704/12-1	NOR	99018-83	2925.0	2925.0	Cuttings	Bulk	2.0	6.00	0.63	0.30		5.07
6704/12-1	NOR	99018-84	2934.0	2934.0	Cuttings	Bulk	2.0	6.85	0.51	0.51		5.84
6704/12-1	NOR	99018-85	2943.0	2943.0	Cuttings	Bulk	2.0	6.40	0.48	0.38		5.54
6704/12-1	NOR	99018-86	2952.0	2952.0	Cuttings	Bulk	2.0	7.40	0.62	0.62		6.16
6704/12-1	NOR	99018-87	2961.0	2961.0	Cuttings	Bulk	2.0	6.80	0.83	0.63		5.34
6704/12-1	NOR	99018-88	2970.0	2970.0	Cuttings	Bulk	2.0	6.10	0.66	0.70		4.74
6704/12-1	NOR	99018-89	2979.0	2979.0	Cuttings	Bulk	2.0	6.90	0.80	0.66		5.44
6704/12-1	NOR	99018-90	2988.0	2988.0	Cuttings	Bulk	2.0	5.90	0.81	0.59		4.50
6704/12-1	NOR	99018-91	2997.0	2997.0	Cuttings	Bulk	2.0	4.45	0.71	0.61		3.13
6704/12-1	NOR	99018-147	3501.0	3501.0	Cuttings	Bulk	2.0	4.80	0.52	0.63		3.65
6704/12-1	NOR	99018-148	3510.0	3510.0	Cuttings	Bulk	2.0	7.25	0.83	1.22		5.20
6704/12-1	NOR	99018-156	3582.0	3582.0	Cuttings	Bulk	2.0	8.25	0.66	0.87		6.72
6704/12-1	NOR	99018-157	3591.0	3591.0	Cuttings	Bulk	2.0	8.15	0.46	0.77		6.91
6704/12-1	NOR	99018-158	3600.0	3600.0	Cuttings	Bulk	2.0	9.15	0.80	0.90		7.46
6704/12-1	NOR	99018-203	4005.0	4005.0	Cuttings	Bulk	2.0	2.85	0.59	0.50		1.76
6704/12-1	NOR	99018-204	4014.0	4014.0	Cuttings	Bulk	2.0	1.85	0.45	0.48		0.93
6704/12-1	NOR	99018-205	4023.0	4023.0	Cuttings	Bulk	2.0	1.90	0.43	0.45		1.01
6704/12-1	NOR	99018-206	4032.0	4032.0	Cuttings	Bulk	2.0	2.90	0.54	0.57		1.78
6704/12-1	NOR	99018-207	4041.0	4041.0	Cuttings	Bulk	2.0	3.45	0.71	0.52		2.22

Table 8. Iatroscan data on cuttings, well 6704/12-1, Robertson lab

Well Name	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology	Rock Wt (Gm)	Extract ield (mg/g)	Sats (mg/g)	Aroms (mg/g)	Asph (mg/g)	Polar (mg/g)
6704/12-1	NOR	99018-208	4050.0	4050.0	Cuttings	Bulk	2.0	3.45	0.67	0.49		2.28
6704/12-1	NOR	99018-209	4059.0	4059.0	Cuttings	Bulk	2.0	3.80	0.67	0.56		2.57
6704/12-1	NOR	99018-210	4068.0	4068.0	Cuttings	Bulk	2.0	1.40	0.38	0.23		0.79
6704/12-1	NOR	99018-211	4077.0	4077.0	Cuttings	Bulk	2.0	2.65	0.55	0.30		1.80

Table 9. Iatroscan data on cores, well 6704/12-1, Saga lab

Well name	Natio-nality	Sample name	Upper Depth	Lower Depth	Sample type	Litho-logy	Weight of rock (g)	EOM (mg/g)	SAT (mg/g)	ARO (mg/g)	POL 1 (mg/g)	POL 2 (mg/g)
6704/12-1	2554.05	145664	2554.05	2554.05	Core #1	sst	5.53	0.108499	0.018083	0	0.090416	0
6704/12-1	2554.7	145665	2554.7	2554.7	Core #1	sst	5.48	0.228102	0.027372	0.009124	0.191606	0
6704/12-1	2555.08	145666	2555.08	2555.08	Core #1	sst	6.68	0.164671	0.01497	0.007485	0.142216	0
6704/12-1	2555.3	145667	2555.3	2555.3	Core #1	sst	6.08	0.180921	0.024671	0.008224	0.148026	0
6704/12-1	2556.28	145668	2556.28	2556.28	Core #1	sltst	5.2	0.192308	0.028846	0.019231	0.144231	0
6704/12-1	2556.74	145669	2556.74	2556.74	Core #1	sst	5.09	0.275049	0.049116	0.019646	0.206287	0
6704/12-1	2556.99	145670	2556.99	2556.99	Core #1	sst	5.96	0.268456	0.016779	0	0.251678	0
6704/12-1	2557.45	145671	2557.45	2557.45	Core #1	clst	4.03	0.44665	0.062035	0.024814	0.359801	0
6704/12-1	2557.98	145672	2557.98	2557.98	Core #1	sst	6.76	0.258876	0.029586	0.007396	0.221893	0
6704/12-1	2558.9	145673	2558.9	2558.9	Core #1	sst	6.73	0.1263	0.014859	0	0.111441	0
6704/12-1	2559.57	145674	2559.57	2559.57	Core #1	sst	6.26	0.191693	0.055911	0.007987	0.127796	0
6704/12-1	2560.3	145675	2560.3	2560.3	Core #1	sst	5.94	0.252525	0.016835	0	0.23569	0
6704/12-1	2560.82	145676	2560.82	2560.82	Core #1	sst	6.71	0.260805	0.014903	0	0.245902	0
6704/12-1	2561.6	145677	2561.6	2561.6	Core #1	sst	6.1	0.278689	0.008197	0	0.270492	0
6704/12-1	2562.9	145678	2562.9	2562.9	Core #1	sst	5.22	0.316092	0.06705	0	0.249042	0
6704/12-1	2563.75	145679	2563.75	2563.75	Core #1	sst	5.03	0.099404	0.019881	0	0.079523	0
6704/12-1	2564.74	145680	2564.74	2564.74	Core #1	sst	5.99	0.155259	0.016694	0.005008	0.133556	0
6704/12-1	2565.57	145681	2565.57	2565.57	Core #1	sst	5.59	0.264758	0.017889	0.005367	0.241503	0
6704/12-1	2566.68	145682	2566.68	2566.68	Core #1	sst	5.51	0.416515	0.018149	0.008167	0.3902	0
6704/12-1	2567.68	145683	2567.68	2567.68	Core #1	sst	5.75	0.266087	0.017391	0.005217	0.243478	0
6704/12-1	2568.55	145684	2568.55	2568.55	Core #1	sst	6.04	0.360099	0.008278	0.004139	0.347682	0
6704/12-1	2569.78	145685	2569.78	2569.78	Core #1	clst	4.41	0.31746	0.068027	0.045351	0.204082	0
6704/12-1	2570.58	145686	2570.58	2570.58	Core #1	sst	6.41	0.137285	0.023401	0.00468	0.109204	0
6704/12-1	2571.21	145687	2571.21	2571.21	Core #1	clst	4.45	0.269663	0.044944	0.033708	0.191011	0
6704/12-1	2572.73	145688	2572.73	2572.73	Core #1	clst	4.84	0.334711	0.061983	0.036157	0.23657	0
6704/12-1	2573.65	145689	2573.65	2573.65	Core #1	sst	5.9	0.2	0.008475	0.005932	0.185593	0
6704/12-1	2574.46	145690	2574.46	2574.46	Core #1	sst	6.31	0.272583	0.007924	0.003962	0.260697	0
6704/12-1	2997.03	145691	2997.03	2997.03	Core #2	sst	5.51	0.461887	0.009074	0.009074	0.443739	0
6704/12-1	2997.78	145692	2997.78	2997.78	Core #2	clst	1.71	1.675439	0.023392	0.017544	1.634503	0
6704/12-1	2998.57	145693	2998.57	2998.57	Core #2	sst	6.73	0.110698	0.004458	0.002972	0.103269	0
6704/12-1	2999.52	145694	2999.52	2999.52	Core #2	clst	1.54	0.681818	0.107143	0.025974	0.548701	0
6704/12-1	2999.97	145695	2999.97	2999.97	Core #2	sst/clst	4.93	0.151116	0.010142	0.010142	0.130832	0

Table 9. Iatroscan data on cores, well 6704/12-1, Saga lab

Well name	Natio-nality	Sample name	Upper Depth	Lower Depth	Sample type	Litho-logy	Weight of rock (g)	EOM (mg/g)	SAT (mg/g)	ARO (mg/g)	POL 1 (mg/g)	POL 2 (mg/g)
6704/12-1	3000.68	145696	3000.68	3000.68	Core #2	sst	7.17	0.142957	0.013947	0.002092	0.126918	0
6704/12-1	3001.26	145697	3001.26	3001.26	Core #2	sst	6.1	0.282787	0.02459	0.010656	0.247541	0
6704/12-1	3001.95	145698	3001.95	3001.95	Core #2	sst	7.24	0.191989	0.013812	0.004144	0.174033	0
6704/12-1	3002.48	145699	3002.48	3002.48	Core #2	sst	6.17	0.127229	0.012966	0.015397	0.098865	0
6704/12-1	3003.25	145700	3003.25	3003.25	Core #2	sst	6.02	0.107973	0.004153	0.002492	0.101329	0
6704/12-1	3003.68	145701	3003.68	3003.68	Core #2	sst	7.09	0.2567	0.011989	0.003526	0.241185	0
6704/12-1	3003.78	145702	3003.78	3003.78	Core #2	clst	3.1	0.193548	0.029032	0.016129	0.148387	0
6704/12-1	3003.95	145703	3003.95	3003.95	Core #2	clst	3.98	0.258794	0.030151	0.025126	0.203518	0
6704/12-1	3004.2	145704	3004.2	3004.2	Core #2	clst	3.03	0.268977	0.044554	0.023102	0.20132	0
6704/12-1	3004.65	145705	3004.65	3004.65	Core #2	sst	5.97	0.281407	0.011725	0.008375	0.261307	0
6704/12-1	3004.96	145706	3004.96	3004.96	Core #2	sst	6.98	0.202006	0.005731	0.001433	0.194842	0
6704/12-1	3005.2	145707	3005.2	3005.2	Core #2	sst	6.07	0.186161	0.024712	0.003295	0.158155	0
6704/12-1	4097.07	145708	4097.07	4097.07	Core #3	clst	3.6	0.0625	0.0125	0.005556	0.044444	0
6704/12-1	4097.76	145709	4097.76	4097.76	Core #3	sh	2.07	0.144928	0.014493	0.004831	0.125604	0
6704/12-1	4097.84	145710	4097.84	4097.84	Core #3	sh	3.23	0.159443	0.020124	0.012384	0.126935	0
6704/12-1	4097.96	145711	4097.96	4097.96	Core #3	sh	3.34	0.100299	0.008982	0.005988	0.085329	0
6704/12-1	4098.15	145712	4098.15	4098.15	Core #3	sh	4.57	0.167396	0.010941	0.007659	0.148796	0
6704/12-1	4098.42	145713	4098.42	4098.42	Core #3	sh	1.81	0.198895	0.024862	0.019337	0.154696	0
6704/12-1	4098.52	145714	4098.52	4098.52	Core #3	sh	1.52	0.101974	0.016447	0.013158	0.072368	0
6704/12-1	4098.62	145715	4098.62	4098.62	Core #3	sh	1.63	0.165644	0.021472	0.015337	0.128834	0
6704/12-1	4099	145716	4099	4099	Core #3	sh	4.69	0.102345	0.010661	0.010661	0.081023	0
6704/12-1	4099.3	145717	4099.3	4099.3	Core #3	sh	2.25	0.184444	0.015556	0.008889	0.16	0
6704/12-1	4099.62	145718	4099.62	4099.62	Core #3	sh	2.28	0.092105	0.013158	0.008772	0.070175	0
6704/12-1	4099.72	145719	4099.72	4099.72	Core #3	sh	4.48	0.108259	0.010045	0.008929	0.089286	0
6704/12-1	4099.85	145720	4099.85	4099.85	Core #3	clst/sitst	1.34	0.171642	0.126866	0.011194	0.033582	0
6704/12-1	4100.18	145721	4100.18	4100.18	Core #3	sh	1.85	0.127027	0.027027	0.013514	0.086486	0
6704/12-1	4100.44	145722	4100.44	4100.44	Core #3	sh	1.48	0.118243	0.027027	0.016892	0.074324	0
6704/12-1	4100.7	145723	4100.7	4100.7	Core #3	sh	7.29	0.196845	0.012346	0.01166	0.17284	0
6704/12-1	4100.95	145724	4100.95	4100.95	Core #3	clst	3.09	0.030744	0.003236	0	0.027508	0
6704/12-1	4101.3	145725	4101.3	4101.3	Core #3	sh	1.48	0.094595	0.013514	0.006757	0.074324	0
6704/12-1	4101.9	145726	4101.9	4101.9	Core #3	sh	6.2	0.046774	0.012097	0.008871	0.025806	0
6704/12-1	4101.95	145727	4101.95	4101.95	Core #3	clst	2.63	0.174905	0.091255	0.034221	0.04943	0
6704/12-1	4102.08	145728	4102.08	4102.08	Core #3	clst/sitst	2.72	0.075368	0.03125	0.007353	0.036765	0

Table 9. Iatroscan data on cores, well 6704/12-1, Saga lab

Well name	Natio-nality	Sample name	Upper Depth	Lower Depth	Sample type	Litho-logy	Weight of rock (g)	EOM (mg/g)	SAT (mg/g)	ARO (mg/g)	POL 1 (mg/g)	POL 2 (mg/g)
6704/12-1	4102.25	145729	4102.25	4102.25	Core #3	sh	3.92	0.11352	0.031888	0.024235	0.057398	0
6704/12-1	4102.5	145730	4102.5	4102.5	Core #3	clst/sltst	1.49	0.134228	0.04698	0.020134	0.067114	0
6704/12-1	4102.85	145731	4102.85	4102.85	Core #3	clst/sltst	3.81	0.112861	0.02231	0.023622	0.066929	0

Table 10. Iatroscan data, Sidewall cores, well 6704/12-1, Saga lab

Well name	Nationality	Sample name	Upper Depth	Lower Depth	Sample type	Lithology	Weight of rock (g)	EOM (mg/g)	SAT (mg/g)	ARO (mg/g)	POL 1 (mg/g)	POL 2 (mg/g)
6704/12-1	NOR	145395	2420.00	2420	SWC	sst	3.61	0.09	0.01	0.00	0.03	0.05
6704/12-1	NOR	145396	2430.00	2430	SWC	sst	2.07	0.26	0.03	0.02	0.11	0.10
6704/12-1	NOR	145397	2455.00	2455	SWC	sst	3.16	0.30	0.03	0.01	0.08	0.18
6704/12-1	NOR	145398	2477.20	2477.20	SWC	sst	4.05	0.25	0.07	0.04	0.08	0.06
6704/12-1	NOR	145407	2546.20	2546.20	SWC	sst	3.50	0.12	0.01	0.00	0.05	0.05
6704/12-1	NOR	145598	2936.50	2936.50	SWC	sst	3.06	0.41	0.00	0.00	0.12	0.29
6704/12-1	NOR	145597	3030.50	3030.50	SWC	sst	2.17	0.92	0.00	0.00	0.24	0.67
6704/12-1	NOR	145596	3106.50	3106.50	SWC	sst	2.57	0.44	0.00	0.00	0.16	0.27
6704/12-1	NOR	145594	3178.50	3178.50	SWC	sst	2.32	0.38	0.00	0.00	0.13	0.25
6704/12-1	NOR	145593	3200.50	3200.50	SWC	sst	2.40	0.50	0.00	0.00	0.23	0.28
6704/12-1	NOR	145572	3496.00	3496.00	SWC	sst	2.15	0.50	0.00	0.00	0.02	0.48
6704/12-1	NOR	145577	3650.50	3650.50	SWC	sst	2.27	1.24	0.00	0.00	0.72	0.52
6704/12-1	NOR	145576	3658.50	3658.50	SWC	sst	2.86	0.20	0.03	0.02	0.01	0.13
6704/12-1	NOR	145575	3696.00	3696.00	SWC	sst	2.70	0.77	0.03	0.00	0.48	0.26
6704/12-1	NOR	145591	3698.00	3698.00	SWC	sst	2.63	0.60	0.03	0.00	0.37	0.20
6704/12-1	NOR	145574	3708.00	3708.00	SWC	sst	2.47	1.05	0.00	0.00	0.69	0.35
6704/12-1	NOR	145590	3743.00	3743.00	SWC	sst	3.03	0.81	0.01	0.00	0.52	0.28
6704/12-1	NOR	145552	3817.00	3817.00	SWC	sst	2.29	0.39	0.00	0.00	0.23	0.16
6704/12-1	NOR	145553	3828.50	3828.50	SWC	sst	2.53	0.58	0.02	0.00	0.38	0.18
6704/12-1	NOR	145563	3835.00	3835.00	SWC	sst	2.40	0.38	0.03	0.00	0.14	0.22
6704/12-1	NOR	145562	3846.50	3846.50	SWC	sst	3.07	0.07	0.00	0.00	0.02	0.05
6704/12-1	NOR	145554	3848.00	3848.00	SWC	sst	3.54	0.31	0.00	0.00	0.18	0.13
6704/12-1	NOR	145555	3852.50	3852.50	SWC	sst	3.89	0.20	0.01	0.03	0.03	0.12
6704/12-1	NOR	145560	3887.00	3887.00	SWC	sst	2.88	0.17	0.02	0.00	0.04	0.11
6704/12-1	NOR	145584	3902.50	3902.50	SWC	sst	2.40	1.27	0.03	0.00	0.75	0.50
6704/12-1	NOR	145749	3904.00	3904.00	SWC	sst	3.33	0.20	0.02	0.00	0.12	0.05
6704/12-1	NOR	145567	3906.00	3906.00	SWC	sst	2.55	0.88	0.02	0.00	0.65	0.21
6704/12-1	NOR	145566	3908.00	3908.00	SWC	sst	3.07	0.40	0.00	0.00	0.21	0.20
6704/12-1	NOR	145559	3909.50	3909.50	SWC	sst	2.28	0.30	0.02	0.01	0.20	0.07
6704/12-1	NOR	145565	3925.00	3925.00	SWC	sst	1.54	0.20	0.00	0.00	0.13	0.08
6704/12-1	NOR	145558	3960.00	3960.00	SWC	sst	2.35	0.39	0.00	0.00	0.15	0.23
6704/12-1	NOR	145564	3964.00	3964.00	SWC	sst	2.48	0.64	0.00	0.00	0.26	0.38
6704/12-1	NOR	145556	4057.00	4057.00	SWC	sst	2.00	1.15	0.85	0.20	0.03	0.08

Table 11. Stable isotope analysis of gases from canned cutting samples, well 6704/12-1, IFE lab

Well Name	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 delta C 13	C2 delta C 13	C3 delta C 13	iC4 delta C 13	nC4 delta C 13	iC5 delta C 13	nC5 delta C 13	CO2 delta C 13
6704/12-1	NOR	99018-1	2170.0	2170.0	Cuttings	-46.6							-18.4
6704/12-1	NOR	99018-5	2210.0	2210.0	Cuttings	-39.6							-18.7
6704/12-1	NOR	99018-19	2350.0	2350.0	Cuttings	-31.8	-28.2	-29.3	-30.0	-30.0	-29.1	-29.3	-15.3
6704/12-1	NOR	99018-27	2421.0	2421.0	Cuttings	-38.7	-30.0	-30.2	-29.7	-29.8	-28.6	-28.4	-14.3
6704/12-1	NOR	99018-44	2574.0	2574.0	Cuttings	-38.7	-31.5	-31.2	-30.6	-30.8	-29.6	-30.2	-20.0
6704/12-1	NOR	99018-65	2763.0	2763.0	Cuttings	-37.7	-31.2	-31.3	-32.6	-31.6	-31.1	-30.6	-21.0
6704/12-1	NOR	99018-68	2790.0	2790.0	Cuttings	-38.2	-31.9	-32.3	-33.4	-32.9	-33.9		-21.2
6704/12-1	NOR	99018-86	2952.0	2952.0	Cuttings	-37.8	-31.2	-31.9	-32.7	-33.5	-31.6	-32.4	-15.5
6704/12-1	NOR	99018-111	3177.0	3177.0	Cuttings	-39.1	-32.4	-32.1	-31.4	-31.9	-29.0	-30.6	-16.2
6704/12-1	NOR	99018-114	3204.0	3204.0	Cuttings	-39.4	-32.4	-32.8	-31.0	-32.0	-28.4	-34.3	-18.6
6704/12-1	NOR	99018-130	3348.0	3348.0	Cuttings	-40.0	-33.3	-33.0	-32.6	-32.4	-29.6	-32.2	-18.7
6704/12-1	NOR	99018-154	3564.0	3564.0	Cuttings	-44.1	-33.7	-30.8		-30.8			-16.0
6704/12-1	NOR	99018-182	3816.0	3816.0	Cuttings	-41.3	-30.8	-29.5	-28.3	-28.9	-24.8	-27.6	-20.2
6704/12-1	NOR	99018-184	3834.0	3834.0	Cuttings	-40.8	-30.7	-29.4	-28.6	-28.2			-18.6
6704/12-1	NOR	99018-186	3852.0	3852.0	Cuttings	-39.8	-29.5	-28.2	-28.7	-28.5			-16.5
6704/12-1	NOR	99018-208	4050.0	4050.0	Cuttings	-40.2	-30.9	-28.7	-30.0	-27.0	-28.1	-27.7	-20.4
6704/12-1	NOR	99018-209	4059.0	4059.0	Cuttings	-40.4	-32.0	-29.6	-31.2	-28.1	-28.1	-27.9	-17.6

Table 12 Molar composition of MDT-gases, well 6704/12-1, IFE lab

Well	Upper depth mrkb	Lower depth mrkb	Sample	IFE no, GEO	C1 %	C2 %	C3 %	iC4 %	nC4 %	iC5 %	nC5 %	CO2 %	Sum C1-C5	Wetness	iC4/nC4
6704/12-1	3842.6	3842.6	PT2062 MDT 2C, MRSC-JA-143	991509	87.4	5.8	1.6	0.23	0.24	0.07	0.05	4.6	95.4	0.08	0.94
6704/12-1	3842.6	3842.6	PT4002 MDT 2C, MRSC-GA-170	991510	91.5	1.9	0.2	0.01	0.01	0.00	0.00	6.5	93.5	0.02	0.96
6704/12-1	3842.6	3842.6	PT4008 MDT 2C, MRSC-GA-162	991511	93.6	3.0	0.5	0.06	0.05	0.02	0.01	2.8	97.2	0.04	1.16

Table 13 Stable isotope composition of MDT-gases, well 6704/12-1, IFE lab

Well	Upper depth mrkb	Lower depth mrkb	Sample	IFE no, GEO	C1 delta 13C	C1 delta D	C2 delta 13C	C3 delta 13C	iC4 delta 13C	nC4 delta 13C	CO2 delta 13C	CO2 delta 18O
6704/12-1	3842.6	3842.6	PT2062 MDT 2C, MRSC-JA-143	991509	-43.5	-192	-30.2	-27.6	-25.7	-26.5	-5.5	-0.2
6704/12-1	3842.6	3842.6	PT4002 MDT 2C, MRSC-GA-170	991510	-43.3	-198	-29.9	-27.5	-	-	-7.7	-3.4
6704/12-1	3842.6	3842.6	PT4008 MDT 2C, MRSC-GA-162	991511	-43.3	-188	-30.2	-27.7	-24.9	-26.7	-6.9	-0.7

Table 14 . GC-MS SIR Peak heights, Saga lab

Well name	Sample name	Upper depth	Lower Depth	Sample type	Lithology	20/3	21/3	23/3
6704/12-1	144886	2400.00	2400.00	cut	sst/clst	314303	658173	1190486
6704/12-1	145396	2430.00	2430.00	swc	sst/clst	723650	773742	650710
6704/12-1	145398	2477.20	2477.20	swc	clst	1332044	2639260	1570033
6704/12-1	144891	2550.00	2550.00	cut	clst	358061	579240	404909
6704/12-1	145496	2557.00	2557.00	coch	sst	260203	591302	844870
6704/12-1	145501	2562.00	2562.00	coch	sst	152887	348565	353490
6704/12-1	145505	2566.00	2566.00	coch	sst	113867	254503	384734
6704/12-1	145512	2573.00	2573.00	coch	sst	628630	1142670	1139440
6704/12-1	145399	2582.00	2582.00	swc	sst	271256	521364	306665
6704/12-1	145403	2798.00	2798.00	swc	clst	226220	457734	284714
6704/12-1	145516	2998.00	2998.00	coch	clst	269292	679238	425964
6704/12-1	145520	3002.00	3002.00	coch	clst	287360	602032	503337
6704/12-1	145522	3004.00	3004.00	coch	sst	86258	228415	657328
6704/12-1	145549	3900.00	3900.00	cut	sst	11995	33250	40344
6704/12-1	145556	4057.00	4057.00	SWC	sst	8593529	10243579	14700215
6704/12-1	145720	4099.85	4099.85	INC SIV	sst	164221	256834	484266
6704/12-1	145662	4102.70	4102.70	coch	sh	275653	484522	895091

Table 14 GC-MS SIR Peak heights, Saga lab

Upper depth	Lower Depth	24/3	25/3 R	25/3 S	26/3 R	26/3 S	24/4	28/3 R
2400 00	2400 00	630697	290765	301088	280449	223492	1083699	304354
2430 00	2430 00	668212	609606	609623	314357	219110	2622817	197378
2477 20	2477 20	1005681	409283	451287	329379	237160	3637869	133535
2550 00	2550 00	302886	238685	266161	145830	87500	1645735	105360
2557 00	2557 00	562360	256176	287353	247912	236951	1599782	292502
2562 00	2562 00	229027	84413	82003	82609	75730	685573	0
2566 00	2566 00	193316	94789	93655	91974	76432	576993	68654
2573 00	2573 00	587390	265852	258099	277993	178051	2641468	183463
2582 00	2582 00	187142	48630	80357	44789	42096	769874	0
2798 00	2798 00	154724	88297	95747	91435	73497	1749707	0
2998 00	2998 00	203470	150175	147681	134294	107779	2058750	61428
3002 00	3002 00	225474	149014	144882	136550	107335	2929049	91419
3004 00	3004 00	414005	238397	205011	248638	169352	1020010	227988
3900 00	3900 00	22907	190272	190272	0	0	69392	0
4057 00	4057 00	12224859	3499373	2709662	4893775	5823252	6852196	2272085
4099 85	4099 85	356169	158988	154857	151757	119017	288307	0
4102 70	4102 70	367557	93761	84989	41794	35539	162343	17269