

Occluded Gas Analysis (Table 4)

Well Name	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
6406/2-5A T2	98019-1	2660.0	2660.0	Cuttings	8.4					6.5	8.4			
6406/2-5A T2	98019-2	2690.0	2690.0	Cuttings	24.1	4.1	7.8	4.0	7.8	58.0	47.7	23.6	49.53	0.51
6406/2-5A T2	98019-3	2720.0	2720.0	Cuttings	12.3	0.7	9.1	6.1	9.9	31.7	38.1	25.8	67.63	0.62
6406/2-5A T2	98019-4	2750.0	2750.0	Cuttings	13.9	2.3	7.8	4.4	7.3	47.6	35.7	21.9	61.17	0.61
6406/2-5A T2	98019-5	2780.0	2780.0	Cuttings	16.4	0.7	6.8	7.2	14.3	68.3	45.4	29.0	63.83	0.50
6406/2-5A T2	98019-6	2810.0	2810.0	Cuttings	28.7	4.7	12.4	9.2	20.7	166.2	75.7	47.0	62.09	0.44
6406/2-5A T2	98019-7	2840.0	2840.0	Cuttings	10.6	1.0	12.0	11.4	14.9	110.7	50.0	39.3	78.73	0.77
6406/2-5A T2	98019-8	2870.0	2870.0	Cuttings	44.1	11.9	51.3	26.9	34.2	115.1	168.5	124.4	73.82	0.79
6406/2-5A T2	98019-9	2900.0	2900.0	Cuttings	11.0	0.5	8.2	8.5	13.3	61.4	41.5	30.5	73.55	0.64
6406/2-5A T2	98019-10	2930.0	2930.0	Cuttings	33.8	9.5	31.5	12.9	17.8	72.3	105.4	71.7	67.98	0.73
6406/2-5A T2	98019-11	2960.0	2960.0	Cuttings	28.2	10.5	36.7	13.8	15.3	50.3	104.6	76.3	72.99	0.90
6406/2-5A T2	98019-12	2990.0	2990.0	Cuttings	40.4	8.1	18.6	6.8	8.4	47.9	82.3	41.9	50.95	0.81
6406/2-5A T2	98019-13	3020.0	3020.0	Cuttings	14.1	2.7	7.1	2.7	3.4	35.4	29.9	15.9	52.99	0.81
6406/2-5A T2	98019-14	3050.0	3050.0	Cuttings	36.3	4.5	1.9	0.2	1.0	21.3	43.9	7.6	17.28	0.19
6406/2-5A T2	98019-15	3080.0	3080.0	Cuttings	12.1	2.1	6.2	3.0	3.3	24.8	26.7	14.5	54.45	0.91
6406/2-5A T2	98019-16	3110.0	3110.0	Cuttings	56.3	5.9	2.8	0.4	1.3	14.8	66.6	10.3	15.53	0.30
6406/2-5A T2	98019-17	3140.0	3140.0	Cuttings	38.9	1.9	4.5	4.7	5.6	47.5	55.7	16.8	30.10	0.84
6406/2-5A T2	98019-18	3170.0	3170.0	Cuttings	52.5	6.2	2.4		1.1	20.9	62.1	9.6	15.49	
6406/2-5A T2	98019-19	3220.0	3220.0	Cuttings	16.6	0.7	1.5	1.5	1.1	15.7	21.4	4.7	22.12	1.37
6406/2-5A T2	98019-20	3250.0	3250.0	Cuttings	65.1	5.6	2.3	0.5	1.1	17.5	74.6	9.5	12.74	0.47
6406/2-5A T2	98019-21	3280.0	3280.0	Cuttings	25.3	5.5	8.1	6.1	3.8	16.6	48.8	23.5	48.14	1.60
6406/2-5A T2	98019-22	3310.0	3310.0	Cuttings	59.2	7.5	3.1	0.8	1.9	20.6	72.5	13.3	18.36	0.42
6406/2-5A T2	98019-23	3340.0	3340.0	Cuttings	22.4	2.0	2.3	1.9	1.2	30.4	29.7	7.4	24.79	1.53
6406/2-5A T2	98019-24	3370.0	3370.0	Cuttings	43.4	4.6	1.8	1.0	1.3	59.9	52.1	8.7	16.64	0.73
6406/2-5A T2	98019-25	3410.0	3410.0	Cuttings	24.3	8.4	11.6	8.5	5.0	24.0	57.8	33.4	57.88	1.70
6406/2-5A T2	98019-26	3440.0	3440.0	Cuttings	46.1	7.3	6.5	5.1	3.7	61.3	68.7	22.6	32.91	1.39
6406/2-5A T2	98019-27	3470.0	3470.0	Cuttings	29.8	4.8	5.4	4.1	2.1	13.9	46.3	16.5	35.57	1.93
6406/2-5A T2	98019-28	3500.0	3500.0	Cuttings	37.9	11.0	19.2	12.5	8.0	38.1	88.6	50.8	57.28	1.57
6406/2-5A T2	98019-29	3530.0	3530.0	Cuttings	47.9	8.8	14.8	8.8	6.1	27.8	86.5	38.6	44.65	1.45
6406/2-5A T2	98019-30	3560.0	3560.0	Cuttings	37.2	9.6	22.0	12.5	8.8	31.2	90.2	52.9	58.69	1.42
6406/2-5A T2	98019-31	3590.0	3590.0	Cuttings	39.6	8.1	18.4	9.8	8.8	39.5	84.7	45.2	53.30	1.11
6406/2-5A T2	98019-32	3620.0	3620.0	Cuttings	11.6					11.7	11.6			
6406/2-5A T2	98019-33	3690.0	3690.0	Cuttings	35.2	5.5	2.4	0.5	1.2	39.4	44.9	9.7	21.55	0.45
6406/2-5A T2	98019-34	3720.0	3720.0	Cuttings	29.5	9.1	37.0	16.9	18.1	58.5	110.5	81.0	73.32	0.93

RL/MEMO/98/670

Page 10 of 18

Occluded Gas Analysis (Table 4)

Well Name	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
6406/2-5A T2	98019-35	3750.0	3750.0	Cuttings	41.8	6.9	8.6	3.7	5.1	31.3	66.0	24.2	36.69	0.72
6406/2-5A T2	98019-36	3800.0	3800.0	Cuttings	11.2					11.8	11.2			
6406/2-5A T2	98019-37	3830.0	3830.0	Cuttings	37.4	6.8	15.7	8.8	13.7	52.2	82.3	45.0	54.61	0.64
6406/2-5A T2	98019-38	3860.0	3860.0	Cuttings	10.3					23.3	10.3			
6406/2-5A T2	98019-39	3890.0	3890.0	Cuttings	48.1	6.6	5.6	2.4	3.9	38.8	66.6	18.4	27.67	0.61
6406/2-5A T2	98019-40	3920.0	3920.0	Cuttings	12.7	0.9	11.9	6.8	11.2	50.9	43.6	30.8	70.80	0.61
6406/2-5A T2	98019-41	3950.0	3950.0	Cuttings	91.2	15.0	5.6	1.2	3.2	74.5	116.1	25.0	21.50	0.37
6406/2-5A T2	98019-42	3980.0	3980.0	Cuttings	18.4	3.4	16.2	8.0	14.5	223.2	60.6	42.2	69.59	0.55
6406/2-5A T2	98019-43	4010.0	4010.0	Cuttings	15.5	1.7	2.9	1.8	3.4	12.3	25.2	9.8	38.70	0.51
6406/2-5A T2	98019-44	4040.0	4040.0	Cuttings	9.6					9.7	9.6			
6406/2-5A T2	98019-45	4070.0	4070.0	Cuttings	35.0	4.0	3.0	1.0	1.5	19.5	44.5	9.5	21.39	0.63
6406/2-5A T2	98019-46	4100.0	4100.0	Cuttings	11.1	0.5				4.7	11.7	0.5	4.63	
6406/2-5A T2	98019-47	4130.0	4130.0	Cuttings	11.1	0.3	0.7	1.3	0.9	7.6	14.4	3.3	22.64	1.46
6406/2-5A T2	98019-48	4160.0	4160.0	Cuttings	24.4	2.5	5.4	7.0	5.1	15.2	44.3	19.9	44.85	1.38
6406/2-5A T2	98019-49	4190.0	4190.0	Cuttings	21.2	0.9	3.9	5.7	3.9	17.6	35.6	14.4	40.36	1.48
6406/2-5A T2	98019-50	4220.0	4220.0	Cuttings	9.4					17.8	9.4			
6406/2-5A T2	98019-51	4250.0	4250.0	Cuttings	15.1	1.5	2.8	3.2	1.7	13.0	24.2	9.1	37.66	1.88
6406/2-5A T2	98019-52	4280.0	4280.0	Cuttings	8.8					11.0	8.8			
6406/2-5A T2	98019-53	4310.0	4310.0	Cuttings	13.3	0.4	1.4	1.2	0.7	8.0	17.1	3.8	22.13	1.61
6406/2-5A T2	98019-54	4340.0	4340.0	Cuttings	8.0					11.3	8.0			
6406/2-5A T2	98019-55	4380.0	4380.0	Cuttings	52.1	7.3	5.8	3.9	3.1	16.6	72.4	20.2	27.98	1.24
6406/2-5A T2	98019-56	4420.0	4420.0	Cuttings	7.6					6.1	7.6			
6406/2-5A T2	98019-57	4450.0	4450.0	Cuttings	26.8	3.4	3.4	2.4	2.3	15.9	38.4	11.5	30.04	1.04
6406/2-5A T2	98019-58	4480.0	4480.0	Cuttings	10.0					5.2	10.0			
6406/2-5A T2	98019-59	4510.0	4510.0	Cuttings	11.8					8.7	11.8			
6406/2-5A T2	98019-60	4540.0	4540.0	Cuttings	20.9	4.5	5.6	2.3	4.2	33.4	37.4	16.5	44.18	0.55
6406/2-5A T2	98019-61	4570.0	4570.0	Cuttings	33.2	5.8	8.6	4.4	6.8	36.2	58.7	25.5	43.42	0.64
6406/2-5A T2	98019-62	4600.0	4600.0	Cuttings	17.7	2.4	5.8	2.7	4.5	34.0	33.1	15.4	46.61	0.60
6406/2-5A T2	98019-63	4630.0	4630.0	Cuttings	104.1	26.0	12.6	2.7	5.8	30.8	151.2	47.1	31.15	0.47
6406/2-5A T2	98019-64	4660.0	4660.0	Cuttings	50.1	8.9	10.9	4.5	7.2	54.2	81.7	31.5	38.61	0.63
6406/2-5A T2	98019-65	4690.0	4690.0	Cuttings	12.3					8.3	12.3			
6406/2-5A T2	98019-66	4720.0	4720.0	Cuttings	57.6	6.5	3.9	2.0	5.8	49.9	75.8	18.2	24.05	0.35
6406/2-5A T2	98019-67	4750.0	4750.0	Cuttings	41.0	7.4	5.6	1.6	3.9	19.4	59.4	18.5	31.05	0.41
6406/2-5A T2	98019-68	4780.0	4780.0	Cuttings	25.8	5.6	9.3	3.3	8.2	54.8	52.1	26.3	50.53	0.39

Occluded Gas Analysis (Table 4)

Well Name	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
6406/2-5A T2	98019-69	4810.0	4810.0	Cuttings	9.9					9.0	9.9			
6406/2-5A T2	98019-70	4840.0	4840.0	Cuttings	54.9	9.2	17.9	4.9	15.8	64.2	102.7	47.8	46.57	0.31
6406/2-5A T2	98019-71	4870.0	4870.0	Cuttings	11.7	0.0	0.0	0.0	0.0	5.9	11.7			
6406/2-5A T2	98019-72	4900.0	4900.0	Cuttings	40.8	16.8	27.3	6.6	16.3	52.7	107.8	67.0	62.18	0.40
6406/2-5A T2	98019-73	4930.0	4930.0	Cuttings	10.9					12.8	10.9			
6406/2-5A T2	98019-74	4960.0	4960.0	Cuttings	18.9	3.6	9.2	4.9	9.1	47.7	45.6	26.7	58.53	0.54
6406/2-5A T2	98019-75	4990.0	4990.0	Cuttings	18.9	12.7	47.9	26.6	45.4	140.7	151.6	132.7	87.52	0.59
6406/2-5A T2	98019-76	5020.0	5020.0	Cuttings	45.7	9.0	15.2	6.4	13.8	68.0	90.2	44.4	49.26	0.46
6406/2-5A T2	98019-77	5050.0	5050.0	Cuttings	28.2	2.8	1.3	0.6	2.4	24.4	35.2	7.1	20.01	0.24
6406/2-5A T2	98019-78	5080.0	5080.0	Cuttings	7.6					7.3	7.6			
6406/2-5A T2	98019-79	5110.0	5110.0	Cuttings	36.1	6.8	3.6	0.7	1.4	24.1	48.5	12.5	25.67	0.47
6406/2-5A T2	98019-80	5140.0	5140.0	Cuttings	13.9	1.6	0.7	0.5	0.8	14.6	17.5	3.7	20.84	0.59
6406/2-5A T2	98019-81	5172.0	5172.0	Cuttings	20.0	6.0	1.0		0.6	28.6	27.6	7.6	27.43	
6406/2-5A T2	98019-82	5190.0	5190.0	Cuttings	14.5	2.9	1.1			14.1	18.5	4.1	21.93	
6406/2-5A T2	98019-83	5208.0	5208.0	Cuttings	39.8	7.6	4.3	1.6		23.4	53.3	13.5	25.26	
6406/2-5A T2	98019-84	5226.0	5226.0	Cuttings	48.2	14.7	6.4	0.3	1.2	9.0	71.0	22.7	32.03	0.24
6406/2-5A T2	98019-85	5244.0	5244.0	Cuttings	155.0	23.3	23.8	6.2	10.8	41.7	219.2	64.1	29.26	0.58
6406/2-5A T2	98019-86	5262.0	5262.0	Cuttings	7.8					8.3	7.8			
6406/2-5A T2	98019-87	5271.0	5271.0	Cuttings	139.5	98.3	133.1	36.9	47.8	100.1	455.6	316.2	69.39	0.77
6406/2-5A T2	98019-88	5289.0	5289.0	Cuttings	64.5	162.0	194.4	34.7	53.9	63.3	509.5	445.0	87.34	0.64
6406/2-5A T2	98019-89	5298.0	5298.0	Cuttings	155.2	154.0	209.2	37.0	65.1	83.1	620.5	465.3	74.98	0.57
6406/2-5A T2	98019-90	5397.0	5397.0	Cuttings	8526.4	171.9	57.0	4.9	25.3	47.2	8785.5	259.1	2.95	0.19
6406/2-5A T2	98019-91	5415.0	5415.0	Cuttings	2743.6	81.2	33.2	1.7	14.9	81.3	2874.6	131.0	4.56	0.12
6406/2-5A T2	98019-92	5433.0	5433.0	Cuttings	847.6	32.2	24.0	3.3	13.9	57.4	921.0	73.4	7.97	0.23
6406/2-5A T2	98019-93	5451.0	5451.0	Cuttings	492.9	23.7	30.7	10.2	20.1	55.1	577.6	84.7	14.66	0.50
6406/2-5A T2	98019-94	5469.0	5469.0	Cuttings	41.2	1.9	8.1	4.5	9.3	62.6	64.9	23.8	36.60	0.48
6406/2-5A T2	98019-95	5487.0	5487.0	Cuttings	427.2	86.1	96.0	18.2	42.4	91.6	669.9	242.7	36.23	0.43
6406/2-5A T2	98019-96	5505.0	5505.0	Cuttings	244.6	42.4	99.0	44.5	61.6	138.1	492.0	247.4	50.29	0.72
6406/2-5A T2	98019-97	5514.0	5514.0	Cuttings	3550.5	176.4	81.1	5.9	37.2	89.3	3851.1	300.6	7.80	0.16
6406/2-5A T2	98019-98	5532.0	5532.0	Cuttings	4863.3	142.4	26.7	2.9	9.4	57.8	5044.7	181.4	3.60	0.31
6406/2-5A T2	98019-99	5541.0	5541.0	Cuttings	2879.6	226.0	152.5	18.9	70.7	135.9	3347.7	468.2	13.98	0.27
6406/2-5A T2	98019-100	5559.0	5559.0	Cuttings	1195.7	46.9	27.8	4.3	14.8	73.0	1289.5	93.9	7.28	0.29
6406/2-5A T2	98019-101	5568.0	5568.0	Cuttings	10.7					12.9	10.7			
6406/2-5A T2	98019-102	5595.0	5595.0	Cuttings	467.5	20.4	5.8	2.1	4.3	34.7	500.1	32.6	6.51	0.50

Gas Isotope Data (Table 5)

Well	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 del C 13	C2 del C 13	C3 del C 13	iC4 del C 13	nC4 del C 13	CO2 del C 13
6406/2-5A T2	NOR	98019-3	2720.0	2720.0	Cuttings	-49.8	-34.1	-30.1	-30.3	-30.0	-18.7
6406/2-5A T2	NOR	98019-15	3080.0	3080.0	Cuttings	-49.7	-38.8	-36.2			-15.1
6406/2-5A T2	NOR	98019-21	3280.0	3280.0	Cuttings	-42.7	-34.0	-36.9			-13.9
6406/2-5A T2	NOR	98019-34	3720.0	3720.0	Cuttings	-39.2	-28.6	-29.7			-19.4
6406/2-5A T2	NOR	98019-40	3920.0	3920.0	Cuttings	-55.1	-33.1	-32.0			-18.9
6406/2-5A T2	NOR	98019-49	4190.0	4190.0	Cuttings	-57.8	-44.2	-35.6			-19.6
6406/2-5A T2	NOR	98019-56	4420.0	4420.0	Cuttings	-51.8	-33.8	-33.0			-14.0
6406/2-5A T2	NOR	98019-65	4690.0	4690.0	Cuttings	-54.3	-30.4	-30.1			-14.5
6406/2-5A T2	NOR	98019-71	4870.0	4870.0	Cuttings	-40.7	-29.3	-29.0			-18.6
6406/2-5A T2	NOR	98019-74	4960.0	4960.0	Cuttings	-56.7	-33.5	-32.7			-17.8
6406/2-5A T2	NOR	98019-76	5020.0	5020.0	Cuttings	-55.1	-34.7	-32.2			-21.2
6406/2-5A T2	NOR	98019-84	5226.0	5226.0	Cuttings	-41.5	-26.5	-29.2			-20.0
6406/2-5A T2	NOR	98019-85	5244.0	5244.0	Cuttings	-45.3	-25.0	-25.3			-12.3
6406/2-5A T2	NOR	98019-88	5289.0	5289.0	Cuttings	-35.0	-26.4	-27.5		-29.7	-18.5
6406/2-5A T2	NOR	98019-92	5433.0	5433.0	Cuttings	-47.6	-29.9	-32.7			-18.0
6406/2-5A T2	NOR	98019-95	5487.0	5487.0	Cuttings	-41.2	-29.8	-29.8		-32.9	-18.2
6406/2-5A T2	NOR	98019-98	5532.0	5532.0	Cuttings	-37.6	-27.8	-28.6			-21.7
6406/2-5A T2	NOR	98019-102	5595.0	5595.0	Cuttings						-22.4

Lithology Descriptions (Table 6)

Well Name	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Descriptions
6406/2-5A T2	98019-1	2660.0	2660.0	Cuttings	Clyst, med gy, shly + 20% Lst, lt olv gy + 10% Clyst, rd gy + 10% Clyst, med dk gy + 10% Lst, wht
6406/2-5A T2	98019-2	2690.0	2690.0	Cuttings	Clyst, med gy, shly + 10% Lst, lt olv gy + 10% Clyst, med dk gy + tr Clyst, rd gy + tr Lst, wht
6406/2-5A T2	98019-3	2720.0	2720.0	Cuttings	Clyst, med gy, shly + 10% Lst, lt gy + 10% Clyst, med dk gy + tr Clyst, rd gy + tr Lst, wht
6406/2-5A T2	98019-4	2750.0	2750.0	Cuttings	Clyst, dk gy + 20% Clyst, med dk gy + 10% Clyst, med gy, shly + tr Lst, wht
6406/2-5A T2	98019-5	2780.0	2780.0	Cuttings	Clyst, med dk gy + 10% Clyst, med gy, shly + tr Clyst, dk gy + tr Lst, v lt gy
6406/2-5A T2	98019-6	2810.0	2810.0	Cuttings	Clyst, med dk gy + 20% Clyst, med gy, shly + tr Lst, wht
6406/2-5A T2	98019-7	2840.0	2840.0	Cuttings	Clyst, med gy, shly + 10% Clyst, med dk gy + tr Lst, lt olv gy
6406/2-5A T2	98019-8	2870.0	2870.0	Cuttings	Clyst, med gy, shly + 20% Lst, lt olv gy + 10% Clyst, med dk gy
6406/2-5A T2	98019-9	2900.0	2900.0	Cuttings	Clyst, med gy, shly + 20% Lst, lt olv gy + 10% Clyst, med dk gy
6406/2-5A T2	98019-10	2930.0	2930.0	Cuttings	Clyst, lt brn gy + 20% Clyst, med gy, shly + tr Lst, lt olv gy
6406/2-5A T2	98019-11	2960.0	2960.0	Cuttings	Clyst, lt brn gy + 20% Clyst, med gy, shly + tr Lst, pk gy
6406/2-5A T2	98019-12	2990.0	2990.0	Cuttings	Clyst, lt brn gy + 20% Clyst, med gy, shly + tr Clyst, lt gy
6406/2-5A T2	98019-13	3020.0	3020.0	Cuttings	Clyst, lt brn gy + 20% Clyst, med gy, shly + tr Lst, wht
6406/2-5A T2	98019-14	3050.0	3050.0	Cuttings	Clyst, pa yel brn + 20% Clyst, med dk gy + tr Lst, lt olv gy
6406/2-5A T2	98019-15	3080.0	3080.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + tr Lst, lt olv gy
6406/2-5A T2	98019-16	3110.0	3110.0	Cuttings	Clyst, pa yel brn + 20% Clyst, lt med gy + tr Lst, v pa org
6406/2-5A T2	98019-17	3140.0	3140.0	Cuttings	Clyst, pa yel brn + 20% Clyst, lt med gy + tr Lst, lt gy
6406/2-5A T2	98019-18	3170.0	3170.0	Cuttings	Clyst, pa yel brn + 20% Clyst, lt med gy + tr Lst, lt gy
6406/2-5A T2	98019-19	3220.0	3220.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + tr Lst, lt gy
6406/2-5A T2	98019-20	3250.0	3250.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + tr Lst, lt gy
6406/2-5A T2	98019-21	3280.0	3280.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + tr Lst, lt pk gy
6406/2-5A T2	98019-22	3310.0	3310.0	Cuttings	Clyst, dk yel brn + 20% Clyst, med dk gy + tr Lst, v pa brn
6406/2-5A T2	98019-23	3340.0	3340.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn
6406/2-5A T2	98019-24	3370.0	3370.0	Cuttings	Clyst, pa yel brn + 20% Clyst, med dk gy
6406/2-5A T2	98019-25	3410.0	3410.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn
6406/2-5A T2	98019-26	3440.0	3440.0	Cuttings	Clyst, med dk gy + tr Clyst, pa yel brn + tr Lst, lt pk gy
6406/2-5A T2	98019-27	3470.0	3470.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + tr Lst, lt pk gy
6406/2-5A T2	98019-28	3500.0	3500.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + tr Lst, lt pk gy
6406/2-5A T2	98019-29	3530.0	3530.0	Cuttings	Clyst, lt med gy + 20% Clyst, med dk gy + tr Clyst, pa yel brn + tr Lst, lt gy
6406/2-5A T2	98019-30	3560.0	3560.0	Cuttings	Clyst, lt med gy + 20% Clyst, med dk gy + 10% Clyst, pa yel brn + tr Lst, lt gy
6406/2-5A T2	98019-31	3590.0	3590.0	Cuttings	Clyst, pa yel brn + 20% Clyst, med dk gy + 10% Clyst, lt med gy + tr Lst, lt gy
6406/2-5A T2	98019-32	3620.0	3620.0	Cuttings	Clyst, lt med gy + 20% Clyst, med dk gy + 10% Clyst, pa yel brn + tr Lst, lt gy
6406/2-5A T2	98019-33	3690.0	3690.0	Cuttings	Clyst, pa yel brn + 20% Clyst, med dk gy
6406/2-5A T2	98019-34	3720.0	3720.0	Cuttings	Clyst, med dk gy + 30% Clyst, pa yel brn
6406/2-5A T2	98019-35	3750.0	3750.0	Cuttings	Clyst, med dk gy + 30% Clyst, pa yel brn
6406/2-5A T2	98019-36	3800.0	3800.0	Cuttings	Clyst, med dk gy + 30% Clyst, pa yel brn

Lithology Descriptions (Table 6)

Well Name	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Descriptions
6406/2-5A T2	98019-37	3830.0	3830.0	Cuttings	Clyst, pa yel brn + 30% Clyst, med dk gy
6406/2-5A T2	98019-38	3860.0	3860.0	Cuttings	Clyst, med dk gy + 30% Clyst, pa yel brn + tr Lst, v lt gy
6406/2-5A T2	98019-39	3890.0	3890.0	Cuttings	Clyst, pa yel brn + 20% Clyst, med dk gy + tr Lst, v pa org
6406/2-5A T2	98019-40	3920.0	3920.0	Cuttings	Clyst, med dk gy + 30% Clyst, pa yel brn + tr Lst, v pa org
6406/2-5A T2	98019-41	3950.0	3950.0	Cuttings	Clyst, pa yel brn + 30% Clyst, med dk gy + tr Lst, v pa org
6406/2-5A T2	98019-42	3980.0	3980.0	Cuttings	Clyst, pa yel brn + 30% Clyst, med dk gy + 10% Lst, v pa org
6406/2-5A T2	98019-43	4010.0	4010.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + mnr Lst, v pa org
6406/2-5A T2	98019-44	4040.0	4040.0	Cuttings	Clyst, pa yel brn + 20% Clyst, med dk gy + tr Lst, v pa org
6406/2-5A T2	98019-45	4070.0	4070.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + mnr Lst, v pa org
6406/2-5A T2	98019-46	4100.0	4100.0	Cuttings	Clyst, med dk gy + 20% Clyst, pa yel brn + mnr Lst, v pa org + tr Sh, dk gy
6406/2-5A T2	98019-47	4130.0	4130.0	Cuttings	Clyst, med dk gy + 20% Clyst, brn gy + tr Lst, pk gy + tr Sh, dk gy
6406/2-5A T2	98019-48	4160.0	4160.0	Cuttings	Clyst, med dk gy + 20% Clyst, brn gy + tr Lst, pk gy + tr Sh, dk gy
6406/2-5A T2	98019-49	4190.0	4190.0	Cuttings	Clyst, med dk gy + 20% Clyst, brn gy + tr Lst, pk gy + tr Sh, med dk gy
6406/2-5A T2	98019-50	4220.0	4220.0	Cuttings	Clyst, med dk gy + 30% Clyst, brn gy + tr Lst, pk gy + tr Sh, med dk gy
6406/2-5A T2	98019-51	4250.0	4250.0	Cuttings	Clyst, brn gy + 30% Clyst, med dk gy + tr Lst, pk gy + tr Sh, med dk gy
6406/2-5A T2	98019-52	4280.0	4280.0	Cuttings	Clyst, brn gy + 30% Clyst, med dk gy + tr Lst, pk gy + tr Sh, med dk gy
6406/2-5A T2	98019-53	4310.0	4310.0	Cuttings	Clyst, brn gy + 20% Clyst, med dk gy, lam + 10% Sh, lt brn gy + tr Lst, pk gy
6406/2-5A T2	98019-54	4340.0	4340.0	Cuttings	Clyst, brn gy + 20% Clyst, med dk gy, lam + 10% Sh, lt brn gy + tr Clyst, lt gy
6406/2-5A T2	98019-55	4380.0	4380.0	Cuttings	Clyst, brn gy + 20% Clyst, med dk gy, lam + 10% Sh, lt brn gy + tr Clyst, lt gy
6406/2-5A T2	98019-56	4420.0	4420.0	Cuttings	Clyst, brn gy + 20% Clyst, med dk gy, lam + 10% Sh, brn gy + tr Clyst, lt gy
6406/2-5A T2	98019-57	4450.0	4450.0	Cuttings	Clyst, med dk gy, lam + 20% Clyst, brn gy + 10% Sh, brn gy + tr Clyst, lt gy
6406/2-5A T2	98019-58	4480.0	4480.0	Cuttings	Clyst, med dk gy, lam + 20% Clyst, brn gy + 10% Sh, brn gy + tr Clyst, lt gy
6406/2-5A T2	98019-59	4510.0	4510.0	Cuttings	Clyst, med dk gy, lam + 30% Clyst, brn gy + 10% Sh, brn gy + tr Clyst, lt gy
6406/2-5A T2	98019-60	4540.0	4540.0	Cuttings	Clyst, med dk gy, lam + 20% Clyst, brn gy + 10% Sh, brn gy + tr Clyst, lt gy
6406/2-5A T2	98019-61	4570.0	4570.0	Cuttings	Clyst, brn gy + 20% Clyst, med dk gy, lam + 10% Sh, brn gy + 10% Clyst, lt gy
6406/2-5A T2	98019-62	4600.0	4600.0	Cuttings	Clyst, med dk gy, lam + 20% Clyst, brn gy + 10% Sh, med dk gy + 10% Clyst, lt gy
6406/2-5A T2	98019-63	4630.0	4630.0	Cuttings	Clyst, brn gy + 20% Clyst, med dk gy, lam + 10% Sh, dk gy + 10% Clyst, lt brn gy
6406/2-5A T2	98019-64	4660.0	4660.0	Cuttings	Clyst, brn gy + 30% Clyst, med dk gy, lam + 10% Sh, dk gy, lam + tr Clyst, lt brn gy
6406/2-5A T2	98019-65	4690.0	4690.0	Cuttings	Clyst, brn gy + 30% Clyst, med dk gy, lam + 10% Sh, dk gy, lam + tr Clyst, lt brn gy
6406/2-5A T2	98019-66	4720.0	4720.0	Cuttings	Clyst, brn gy + 30% Clyst, med dk gy, lam + 10% Sh, dk gy, lam + tr Clyst, lt brn gy
6406/2-5A T2	98019-67	4750.0	4750.0	Cuttings	Clyst, brn gy + 20% Clyst, med dk gy, lam + 10% Sh, dk gy, lam + tr Clyst, lt brn gy
6406/2-5A T2	98019-68	4780.0	4780.0	Cuttings	Clyst, brn gy + 20% Clyst, med dk gy, lam + 20% Sh, dk gy, lam + tr Clyst, lt brn gy
6406/2-5A T2	98019-69	4810.0	4810.0	Cuttings	Clyst, brn gy + 20% Sh, dk gy, lam + 10% Clyst, med dk gy, lam + 10% Clyst, lt brn gy
6406/2-5A T2	98019-70	4840.0	4840.0	Cuttings	Clyst, dk gy, lam + 20% Clyst, brn gy + 10% Sh, dk gy, lam + 10% Clyst, lt brn gy
6406/2-5A T2	98019-71	4870.0	4870.0	Cuttings	Clyst, dk gy, lam + 30% Clyst, brn gy + 10% Sh, dk gy, lam + 10% Clyst, lt brn gy
6406/2-5A T2	98019-72	4900.0	4900.0	Cuttings	Clyst, brn gy + 30% Clyst, dk gy, lam + tr Sh, dk gy, lam + tr Clyst, lt gy

Lithology Descriptions (Table 6)

Well Name	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Descriptions
6406/2-5A T2	98019-73	4930.0	4930.0	Cuttings	Clyst, dk gy, lam + 20% Clyst, brn gy + 10% Sh, dk gy, lam + tr Clyst, lt gy
6406/2-5A T2	98019-74	4960.0	4960.0	Cuttings	Clyst, brn gy + 20% Clyst, dk gy, lam + tr Sh, dk gy, lam + tr Clyst, lt gy
6406/2-5A T2	98019-75	4990.0	4990.0	Cuttings	Clyst, dk gy, lam + 20% Sst, v lt gy, calc + tr Sh, dk gy, lam
6406/2-5A T2	98019-76	5020.0	5020.0	Cuttings	Clyst, dk gy, lam + 20% Sst, v lt gy, calc + tr Sh, dk gy, lam
6406/2-5A T2	98019-77	5050.0	5050.0	Cuttings	Clyst, brn gy + 30% Clyst, dk gy, lam + tr Sst, v lt gy, calc
6406/2-5A T2	98019-78	5080.0	5080.0	Cuttings	Clyst, brn gy + 30% Clyst, med dk gy + 10% Clyst, dk gy, lam
6406/2-5A T2	98019-79	5110.0	5110.0	Cuttings	Clyst, brn gy + 30% Clyst, dk gy, lam + tr Sst, v lt gy, calc
6406/2-5A T2	98019-80	5140.0	5140.0	Cuttings	Clyst, med dk gy + 20% Clyst, brn gy + 20% Clyst, dk gy, lam
6406/2-5A T2	98019-81	5172.0	5172.0	Cuttings	Clyst, lt med gy + 20% Clyst, rd gy + 20% Clyst, med dk gy
6406/2-5A T2	98019-82	5190.0	5190.0	Cuttings	Clyst, lt med gy + 10% Clyst, rd gy + 10% Clyst, med dk gy
6406/2-5A T2	98019-83	5208.0	5208.0	Cuttings	Clyst, pa yel brn + 20% Clyst, med dk gy + 10% Clyst, dk gy + 10% Clyst, rd gy
6406/2-5A T2	98019-84	5226.0	5226.0	Cuttings	Clyst, rd gy + 20% Clyst, lt med gy + 20% Clyst, med dk gy + tr Clyst, lt gy, calc
6406/2-5A T2	98019-85	5244.0	5244.0	Cuttings	Clyst, olv blk, calc
6406/2-5A T2	98019-86	5262.0	5262.0	Cuttings	Clyst, lt med gy + 10% Clyst, med dk gy + mnr Clyst, rd gy
6406/2-5A T2	98019-87	5271.0	5271.0	Cuttings	Clyst, olv blk + 20% Clyst, dk gy, lam + tr Clyst, rd gy
6406/2-5A T2	98019-88	5289.0	5289.0	Cuttings	Clyst, olv blk + 20% Clyst, dk gy, lam + tr Clyst, brn gy
6406/2-5A T2	98019-89	5298.0	5298.0	Cuttings	Clyst, dk gy, lam + 20% Clyst, olv blk + 10% Clyst, lt brn gy + tr Clyst, rd gy
6406/2-5A T2	98019-90	5397.0	5397.0	Cuttings	Clyst, dk yel brn + 20% Clyst, olv blk + tr Clyst, v pa org
6406/2-5A T2	98019-91	5415.0	5415.0	Cuttings	Clyst, dk yel brn + 20% Clyst, olv blk + 20% Clyst, v pa org
6406/2-5A T2	98019-92	5433.0	5433.0	Cuttings	Clyst, dk yel brn + 20% Clyst, v pa org + 10% Clyst, olv blk, shly
6406/2-5A T2	98019-93	5451.0	5451.0	Cuttings	Clyst, olv blk, shly + tr Clyst, v pa org
6406/2-5A T2	98019-94	5469.0	5469.0	Cuttings	Clyst, olv blk, shly + tr Clyst, v pa org
6406/2-5A T2	98019-95	5487.0	5487.0	Cuttings	Clyst, dk yel brn + 20% Clyst, v pa org
6406/2-5A T2	98019-96	5505.0	5505.0	Cuttings	Clyst, dk yel brn + 20% Clyst, v pa org
6406/2-5A T2	98019-97	5514.0	5514.0	Cuttings	Clyst, dk yel brn + 20% Clyst, v pa org + 10% Clyst, olv blk, shly
6406/2-5A T2	98019-98	5532.0	5532.0	Cuttings	Clyst, dk yel brn + 20% Clyst, v pa org + 10% Clyst, olv blk, shly
6406/2-5A T2	98019-99	5541.0	5541.0	Cuttings	Clyst, dk yel brn + 20% Clyst, v pa org + 10% Clyst, olv blk, shly
6406/2-5A T2	98019-100	5559.0	5559.0	Cuttings	Clyst, v pa org + 20% Clyst, dk yel brn + mnr Clyst, olv blk, shly
6406/2-5A T2	98019-101	5568.0	5568.0	Cuttings	Clyst, v pa org + 20% Clyst, dk yel brn + 10% Clyst, olv blk, shly
6406/2-5A T2	98019-102	5595.0	5595.0	Cuttings	Clyst, dsky yel brn + 20% Clyst, pa yel brn + mnr Clyst, olv blk, shly

ROCK EVAL PYROLYSIS TOC DATA (Table 7)

Well Name	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt
6406/2-5A T2	NOR	98019-1	2660.0	2660.0	Cuttings					0.75
6406/2-5A T2	NOR	98019-2	2690.0	2690.0	Cuttings	6.76	3.44	2.71	362	1.04
6406/2-5A T2	NOR	98019-2X	2690.0	2690.0	S E Ctgs	0.41	2.01	1.87	369	
6406/2-5A T2	NOR	98019-3	2720.0	2720.0	Cuttings					0.92
6406/2-5A T2	NOR	98019-4	2750.0	2750.0	Cuttings	1.65	2.86	2.24	359	0.93
6406/2-5A T2	NOR	98019-5	2780.0	2780.0	Cuttings					0.90
6406/2-5A T2	NOR	98019-6	2810.0	2810.0	Cuttings	2.76	2.96	2.77	359	0.91
6406/2-5A T2	NOR	98019-7	2840.0	2840.0	Cuttings					1.52
6406/2-5A T2	NOR	98019-8	2870.0	2870.0	Cuttings	16.69	3.51	1.08	431	1.53
6406/2-5A T2	NOR	98019-9	2900.0	2900.0	Cuttings					1.68
6406/2-5A T2	NOR	98019-10	2930.0	2930.0	Cuttings	18.45	3.52	1.06	428	1.57
6406/2-5A T2	NOR	98019-11	2960.0	2960.0	Cuttings	18.54	3.85	1.19	427	1.49
6406/2-5A T2	NOR	98019-11X	2960.0	2960.0	S E Ctgs	0.41	3.79	0.82	432	
6406/2-5A T2	NOR	98019-12	2990.0	2990.0	Cuttings					1.50
6406/2-5A T2	NOR	98019-13	3020.0	3020.0	Cuttings	20.23	3.71	1.00	428	1.54
6406/2-5A T2	NOR	98019-14	3050.0	3050.0	Cuttings	23.11	4.04	2.21	413	1.57
6406/2-5A T2	NOR	98019-15	3080.0	3080.0	Cuttings					1.42
6406/2-5A T2	NOR	98019-16	3110.0	3110.0	Cuttings	29.58	4.40	1.41	425	1.43
6406/2-5A T2	NOR	98019-17	3140.0	3140.0	Cuttings	25.33	3.33	1.55	426	1.25
6406/2-5A T2	NOR	98019-18	3170.0	3170.0	Cuttings					1.25
6406/2-5A T2	NOR	98019-19	3220.0	3220.0	Cuttings	22.04	4.89	1.43	428	1.79
6406/2-5A T2	NOR	98019-20	3250.0	3250.0	Cuttings					1.62
6406/2-5A T2	NOR	98019-21	3280.0	3280.0	Cuttings	24.53	5.74	1.52	429	1.90
6406/2-5A T2	NOR	98019-22	3310.0	3310.0	Cuttings					1.58
6406/2-5A T2	NOR	98019-23	3340.0	3340.0	Cuttings	22.93	5.01	1.49	429	1.74
6406/2-5A T2	NOR	98019-24	3370.0	3370.0	Cuttings					1.75
6406/2-5A T2	NOR	98019-25	3410.0	3410.0	Cuttings	24.34	5.68	1.43	427	1.97
6406/2-5A T2	NOR	98019-26	3440.0	3440.0	Cuttings					1.80
6406/2-5A T2	NOR	98019-27	3470.0	3470.0	Cuttings	26.95	5.16	1.35	427	1.79
6406/2-5A T2	NOR	98019-28	3500.0	3500.0	Cuttings	24.27	4.68	1.26	427	1.68
6406/2-5A T2	NOR	98019-29	3530.0	3530.0	Cuttings					1.66
6406/2-5A T2	NOR	98019-30	3560.0	3560.0	Cuttings	31.55	4.51	0.98	433	1.75
6406/2-5A T2	NOR	98019-30X	3560.0	3560.0	S E Ctgs	0.32	4.68	0.96	431	
6406/2-5A T2	NOR	98019-31	3590.0	3590.0	Cuttings					1.90
6406/2-5A T2	NOR	98019-32	3620.0	3620.0	Cuttings	40.87	4.78	1.37	433	1.66
6406/2-5A T2	NOR	98019-33	3690.0	3690.0	Cuttings					1.40
6406/2-5A T2	NOR	98019-34	3720.0	3720.0	Cuttings	32.71	4.16	1.29	434	1.63
6406/2-5A T2	NOR	98019-35	3750.0	3750.0	Cuttings					1.74
6406/2-5A T2	NOR	98019-36	3800.0	3800.0	Cuttings	31.35	3.53	1.30	431	1.96
6406/2-5A T2	NOR	98019-37	3830.0	3830.0	Cuttings					1.85
6406/2-5A T2	NOR	98019-38	3860.0	3860.0	Cuttings	32.69	3.98	1.32	432	1.78
6406/2-5A T2	NOR	98019-39	3890.0	3890.0	Cuttings					1.77
6406/2-5A T2	NOR	98019-40	3920.0	3920.0	Cuttings	36.74	5.62	1.06	436	2.08
6406/2-5A T2	NOR	98019-41	3950.0	3950.0	Cuttings					1.90
6406/2-5A T2	NOR	98019-42	3980.0	3980.0	Cuttings	42.06	6.36	1.13	437	1.93
6406/2-5A T2	NOR	98019-42X	3980.0	3980.0	S E Ctgs	0.38	6.98	0.91	433	
6406/2-5A T2	NOR	98019-43	4010.0	4010.0	Cuttings					2.25
6406/2-5A T2	NOR	98019-44	4040.0	4040.0	Cuttings	42.56	6.38	1.09	435	2.12
6406/2-5A T2	NOR	98019-45	4070.0	4070.0	Cuttings	40.91	6.56	1.14	438	2.61
6406/2-5A T2	NOR	98019-46	4100.0	4100.0	Cuttings	45.09	10.61	2.00	438	2.66
6406/2-5A T2	NOR	98019-47	4130.0	4130.0	Cuttings					2.55
6406/2-5A T2	NOR	98019-48	4160.0	4160.0	Cuttings	36.22	4.61	1.02	434	2.44
6406/2-5A T2	NOR	98019-49	4190.0	4190.0	Cuttings	35.02	4.55	1.05	435	2.60
6406/2-5A T2	NOR	98019-50	4220.0	4220.0	Cuttings					2.29
6406/2-5A T2	NOR	98019-51	4250.0	4250.0	Cuttings	40.41	4.66	1.01	434	2.43
6406/2-5A T2	NOR	98019-52	4280.0	4280.0	Cuttings	36.72	4.12	1.06	436	2.55

ROCK EVAL PYROLYSIS TOC DATA (Table 7)

Well Name	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt
6406/2-5A T2	NOR	98019-1	2660.0	2660.0	Cuttings					0.75
6406/2-5A T2	NOR	98019-2	2690.0	2690.0	Cuttings	6.76	3.44	2.71	362	1.04
6406/2-5A T2	NOR	98019-2X	2690.0	2690.0	S E Ctgs	0.41	2.01	1.87	369	
6406/2-5A T2	NOR	98019-3	2720.0	2720.0	Cuttings					0.92
6406/2-5A T2	NOR	98019-4	2750.0	2750.0	Cuttings	1.65	2.86	2.24	359	0.93
6406/2-5A T2	NOR	98019-5	2780.0	2780.0	Cuttings					0.90
6406/2-5A T2	NOR	98019-6	2810.0	2810.0	Cuttings	2.76	2.96	2.77	359	0.91
6406/2-5A T2	NOR	98019-7	2840.0	2840.0	Cuttings					1.52
6406/2-5A T2	NOR	98019-8	2870.0	2870.0	Cuttings	16.69	3.51	1.08	431	1.53
6406/2-5A T2	NOR	98019-9	2900.0	2900.0	Cuttings					1.68
6406/2-5A T2	NOR	98019-10	2930.0	2930.0	Cuttings	18.45	3.52	1.06	428	1.57
6406/2-5A T2	NOR	98019-11	2960.0	2960.0	Cuttings	18.54	3.85	1.19	427	1.49
6406/2-5A T2	NOR	98019-11X	2960.0	2960.0	S E Ctgs	0.41	3.79	0.82	432	
6406/2-5A T2	NOR	98019-12	2990.0	2990.0	Cuttings					1.50
6406/2-5A T2	NOR	98019-13	3020.0	3020.0	Cuttings	20.23	3.71	1.00	428	1.54
6406/2-5A T2	NOR	98019-14	3050.0	3050.0	Cuttings	23.11	4.04	2.21	413	1.57
6406/2-5A T2	NOR	98019-15	3080.0	3080.0	Cuttings					1.42
6406/2-5A T2	NOR	98019-16	3110.0	3110.0	Cuttings	29.58	4.40	1.41	425	1.43
6406/2-5A T2	NOR	98019-17	3140.0	3140.0	Cuttings	25.33	3.33	1.55	426	1.25
6406/2-5A T2	NOR	98019-18	3170.0	3170.0	Cuttings					1.25
6406/2-5A T2	NOR	98019-19	3220.0	3220.0	Cuttings	22.04	4.89	1.43	428	1.79
6406/2-5A T2	NOR	98019-20	3250.0	3250.0	Cuttings					1.62
6406/2-5A T2	NOR	98019-21	3280.0	3280.0	Cuttings	24.53	5.74	1.52	429	1.90
6406/2-5A T2	NOR	98019-22	3310.0	3310.0	Cuttings					1.58
6406/2-5A T2	NOR	98019-23	3340.0	3340.0	Cuttings	22.93	5.01	1.49	429	1.74
6406/2-5A T2	NOR	98019-24	3370.0	3370.0	Cuttings					1.75
6406/2-5A T2	NOR	98019-25	3410.0	3410.0	Cuttings	24.34	5.68	1.43	427	1.97
6406/2-5A T2	NOR	98019-26	3440.0	3440.0	Cuttings					1.80
6406/2-5A T2	NOR	98019-27	3470.0	3470.0	Cuttings	26.95	5.16	1.35	427	1.79
6406/2-5A T2	NOR	98019-28	3500.0	3500.0	Cuttings	24.27	4.68	1.26	427	1.68
6406/2-5A T2	NOR	98019-29	3530.0	3530.0	Cuttings					1.66
6406/2-5A T2	NOR	98019-30	3560.0	3560.0	Cuttings	31.55	4.51	0.98	433	1.75
6406/2-5A T2	NOR	98019-30X	3560.0	3560.0	S E Ctgs	0.32	4.68	0.96	431	
6406/2-5A T2	NOR	98019-31	3590.0	3590.0	Cuttings					1.90
6406/2-5A T2	NOR	98019-32	3620.0	3620.0	Cuttings	40.87	4.78	1.37	433	1.66
6406/2-5A T2	NOR	98019-33	3690.0	3690.0	Cuttings					1.40
6406/2-5A T2	NOR	98019-34	3720.0	3720.0	Cuttings	32.71	4.16	1.29	434	1.63
6406/2-5A T2	NOR	98019-35	3750.0	3750.0	Cuttings					1.74
6406/2-5A T2	NOR	98019-36	3800.0	3800.0	Cuttings	31.35	3.53	1.30	431	1.96
6406/2-5A T2	NOR	98019-37	3830.0	3830.0	Cuttings					1.85
6406/2-5A T2	NOR	98019-38	3860.0	3860.0	Cuttings	32.69	3.98	1.32	432	1.78
6406/2-5A T2	NOR	98019-39	3890.0	3890.0	Cuttings					1.77
6406/2-5A T2	NOR	98019-40	3920.0	3920.0	Cuttings	36.74	5.62	1.06	436	2.08
6406/2-5A T2	NOR	98019-41	3950.0	3950.0	Cuttings					1.90
6406/2-5A T2	NOR	98019-42	3980.0	3980.0	Cuttings	42.06	6.36	1.13	437	1.93
6406/2-5A T2	NOR	98019-42X	3980.0	3980.0	S E Ctgs	0.38	6.98	0.91	433	
6406/2-5A T2	NOR	98019-43	4010.0	4010.0	Cuttings					2.25
6406/2-5A T2	NOR	98019-44	4040.0	4040.0	Cuttings	42.56	6.38	1.09	435	2.12
6406/2-5A T2	NOR	98019-45	4070.0	4070.0	Cuttings	40.91	6.56	1.14	438	2.61
6406/2-5A T2	NOR	98019-46	4100.0	4100.0	Cuttings	45.09	10.61	2.00	438	2.66
6406/2-5A T2	NOR	98019-47	4130.0	4130.0	Cuttings					2.55
6406/2-5A T2	NOR	98019-48	4160.0	4160.0	Cuttings	36.22	4.61	1.02	434	2.44
6406/2-5A T2	NOR	98019-49	4190.0	4190.0	Cuttings	35.02	4.55	1.05	435	2.60
6406/2-5A T2	NOR	98019-50	4220.0	4220.0	Cuttings					2.29
6406/2-5A T2	NOR	98019-51	4250.0	4250.0	Cuttings	40.41	4.66	1.01	434	2.43
6406/2-5A T2	NOR	98019-52	4280.0	4280.0	Cuttings	36.72	4.12	1.06	436	2.55

ROCK EVAL PYROLYSIS TOC DATA (Table 7)

Well Name	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt
6406/2-5A T2	NOR	98019-53	4310.0	4310.0	Cuttings					2.25
6406/2-5A T2	NOR	98019-54	4340.0	4340.0	Cuttings	44.22	7.49	1.31	437	2.29
6406/2-5A T2	NOR	98019-54X	4340.0	4340.0	S E Ctgs	0.37	7.91	1.17	434	
6406/2-5A T2	NOR	98019-55	4380.0	4380.0	Cuttings	43.28	4.41	1.47	434	2.45
6406/2-5A T2	NOR	98019-56	4420.0	4420.0	Cuttings	45.61	6.03	1.22	437	2.76
6406/2-5A T2	NOR	98019-57	4450.0	4450.0	Cuttings					2.63
6406/2-5A T2	NOR	98019-58	4480.0	4480.0	Cuttings	49.30	5.66	1.17	437	2.74
6406/2-5A T2	NOR	98019-59	4510.0	4510.0	Cuttings					2.63
6406/2-5A T2	NOR	98019-60	4540.0	4540.0	Cuttings	50.04	4.53	1.09	434	2.66
6406/2-5A T2	NOR	98019-61	4570.0	4570.0	Cuttings	57.48	8.02	1.17	434	2.84
6406/2-5A T2	NOR	98019-61X	4570.0	4570.0	S E Ctgs	0.35	8.39	1.13	434	
6406/2-5A T2	NOR	98019-62	4600.0	4600.0	Cuttings					2.42
6406/2-5A T2	NOR	98019-63	4630.0	4630.0	Cuttings	50.04	4.26	1.12	432	2.58
6406/2-5A T2	NOR	98019-64	4660.0	4660.0	Cuttings					2.19
6406/2-5A T2	NOR	98019-65	4690.0	4690.0	Cuttings	51.87	4.50	1.25	437	2.11
6406/2-5A T2	NOR	98019-66	4720.0	4720.0	Cuttings	56.87	5.76	1.15	439	2.39
6406/2-5A T2	NOR	98019-67	4750.0	4750.0	Cuttings					2.33
6406/2-5A T2	NOR	98019-68	4780.0	4780.0	Cuttings	50.21	4.89	1.16	437	2.44
6406/2-5A T2	NOR	98019-69	4810.0	4810.0	Cuttings	47.07	5.17	1.32	437	2.23
6406/2-5A T2	NOR	98019-70	4840.0	4840.0	Cuttings					2.23
6406/2-5A T2	NOR	98019-71	4870.0	4870.0	Cuttings	51.58	5.77	1.45	436	2.72
6406/2-5A T2	NOR	98019-72	4900.0	4900.0	Cuttings	65.76	7.43	1.39	436	2.86
6406/2-5A T2	NOR	98019-73	4930.0	4930.0	Cuttings					2.88
6406/2-5A T2	NOR	98019-74	4960.0	4960.0	Cuttings	58.43	8.33	1.21	432	2.67
6406/2-5A T2	NOR	98019-74X	4960.0	4960.0	S E Ctgs	0.48	9.15	1.09	432	
6406/2-5A T2	NOR	98019-75	4990.0	4990.0	Cuttings	41.97	1.84	1.03	438	2.30
6406/2-5A T2	NOR	98019-76	5020.0	5020.0	Cuttings					1.97
6406/2-5A T2	NOR	98019-77	5050.0	5050.0	Cuttings	60.48	5.99	1.14	438	2.33
6406/2-5A T2	NOR	98019-78	5080.0	5080.0	Cuttings	48.83	4.65	1.20	438	2.23
6406/2-5A T2	NOR	98019-79	5110.0	5110.0	Cuttings					2.36
6406/2-5A T2	NOR	98019-80	5140.0	5140.0	Cuttings	56.09	7.76	1.35	434	2.51
6406/2-5A T2	NOR	98019-81	5172.0	5172.0	Cuttings	38.45	3.69	1.16	431	2.19
6406/2-5A T2	NOR	98019-82	5190.0	5190.0	Cuttings					2.06
6406/2-5A T2	NOR	98019-83	5208.0	5208.0	Cuttings	37.09	4.95	1.32	432	2.47
6406/2-5A T2	NOR	98019-84	5226.0	5226.0	Cuttings					1.95
6406/2-5A T2	NOR	98019-85	5244.0	5244.0	Cuttings	40.93	5.32	1.21	437	3.82
6406/2-5A T2	NOR	98019-86	5262.0	5262.0	Cuttings	48.13	4.77	1.16	436	2.33
6406/2-5A T2	NOR	98019-87	5271.0	5271.0	Cuttings	47.89	6.02	1.27	440	4.06
6406/2-5A T2	NOR	98019-88	5289.0	5289.0	Cuttings	64.43	8.51	1.16	436	4.08
6406/2-5A T2	NOR	98019-88X	5289.0	5289.0	S E Ctgs	0.44	8.34	0.97	434	
6406/2-5A T2	NOR	98019-89	5298.0	5298.0	Cuttings	57.53	5.06	1.54	433	4.21
6406/2-5A T2	NOR	98019-90	5397.0	5397.0	Cuttings	70.40	4.17	1.15	439	1.52
6406/2-5A T2	NOR	98019-91	5415.0	5415.0	Cuttings	52.76	2.28	1.14	439	1.01
6406/2-5A T2	NOR	98019-92	5433.0	5433.0	Cuttings	51.03	1.92	1.54	439	1.11
6406/2-5A T2	NOR	98019-93	5451.0	5451.0	Cuttings	70.56	5.35	1.36	437	2.36
6406/2-5A T2	NOR	98019-93X	5451.0	5451.0	S E Ctgs	0.23	5.59	0.70	434	
6406/2-5A T2	NOR	98019-94	5469.0	5469.0	Cuttings	75.42	7.13	1.32	433	2.85
6406/2-5A T2	NOR	98019-95	5487.0	5487.0	Cuttings	58.64	2.70	1.13	437	1.43
6406/2-5A T2	NOR	98019-96	5505.0	5505.0	Cuttings	50.33	1.41	1.03	433	1.32
6406/2-5A T2	NOR	98019-97	5514.0	5514.0	Cuttings	61.14	3.97	1.41	430	1.56
6406/2-5A T2	NOR	98019-98	5532.0	5532.0	Cuttings	68.13	3.97	1.29	439	1.43
6406/2-5A T2	NOR	98019-99	5541.0	5541.0	Cuttings	57.72	2.27	1.25	436	1.07
6406/2-5A T2	NOR	98019-100	5559.0	5559.0	Cuttings					0.97
6406/2-5A T2	NOR	98019-101	5568.0	5568.0	Cuttings	55.42	2.57	1.26	439	0.93
6406/2-5A T2	NOR	98019-102	5595.0	5595.0	Cuttings	56.44	4.98	0.88	435	1.55
6406/2-5A T2	NOR	98019-102X	5595.0	5595.0	S E Ctgs	0.31	4.83	0.80	435	

ROCK EVAL PYROLYSIS TOC DATA (Table 7)

Well Name	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	S1 mg/g	S2 mg/g	S3 mg/g	Tmax deg C	TOC % wt
6406/2-5A T2	NOR	98019-53	4310.0	4310.0	Cuttings					2.25
6406/2-5A T2	NOR	98019-54	4340.0	4340.0	Cuttings	44.22	7.49	1.31	437	2.29
6406/2-5A T2	NOR	98019-54X	4340.0	4340.0	S E Ctgs	0.37	7.91	1.17	434	
6406/2-5A T2	NOR	98019-55	4380.0	4380.0	Cuttings	43.28	4.41	1.47	434	2.45
6406/2-5A T2	NOR	98019-56	4420.0	4420.0	Cuttings	45.61	6.03	1.22	437	2.76
6406/2-5A T2	NOR	98019-57	4450.0	4450.0	Cuttings					2.63
6406/2-5A T2	NOR	98019-58	4480.0	4480.0	Cuttings	49.30	5.66	1.17	437	2.74
6406/2-5A T2	NOR	98019-59	4510.0	4510.0	Cuttings					2.63
6406/2-5A T2	NOR	98019-60	4540.0	4540.0	Cuttings	50.04	4.53	1.09	434	2.66
6406/2-5A T2	NOR	98019-61	4570.0	4570.0	Cuttings	57.48	8.02	1.17	434	2.84
6406/2-5A T2	NOR	98019-61X	4570.0	4570.0	S E Ctgs	0.35	8.39	1.13	434	
6406/2-5A T2	NOR	98019-62	4600.0	4600.0	Cuttings					2.42
6406/2-5A T2	NOR	98019-63	4630.0	4630.0	Cuttings	50.04	4.26	1.12	432	2.58
6406/2-5A T2	NOR	98019-64	4660.0	4660.0	Cuttings					2.19
6406/2-5A T2	NOR	98019-65	4690.0	4690.0	Cuttings	51.87	4.50	1.25	437	2.11
6406/2-5A T2	NOR	98019-66	4720.0	4720.0	Cuttings	56.87	5.76	1.15	439	2.39
6406/2-5A T2	NOR	98019-67	4750.0	4750.0	Cuttings					2.33
6406/2-5A T2	NOR	98019-68	4780.0	4780.0	Cuttings	50.21	4.89	1.16	437	2.44
6406/2-5A T2	NOR	98019-69	4810.0	4810.0	Cuttings	47.07	5.17	1.32	437	2.23
6406/2-5A T2	NOR	98019-70	4840.0	4840.0	Cuttings					2.23
6406/2-5A T2	NOR	98019-71	4870.0	4870.0	Cuttings	51.58	5.77	1.45	436	2.72
6406/2-5A T2	NOR	98019-72	4900.0	4900.0	Cuttings	65.76	7.43	1.39	436	2.86
6406/2-5A T2	NOR	98019-73	4930.0	4930.0	Cuttings					2.88
6406/2-5A T2	NOR	98019-74	4960.0	4960.0	Cuttings	58.43	8.33	1.21	432	2.67
6406/2-5A T2	NOR	98019-74X	4960.0	4960.0	S E Ctgs	0.48	9.15	1.09	432	
6406/2-5A T2	NOR	98019-75	4990.0	4990.0	Cuttings	41.97	1.84	1.03	438	2.30
6406/2-5A T2	NOR	98019-76	5020.0	5020.0	Cuttings					1.97
6406/2-5A T2	NOR	98019-77	5050.0	5050.0	Cuttings	60.48	5.99	1.14	438	2.33
6406/2-5A T2	NOR	98019-78	5080.0	5080.0	Cuttings	48.83	4.65	1.20	438	2.23
6406/2-5A T2	NOR	98019-79	5110.0	5110.0	Cuttings					2.36
6406/2-5A T2	NOR	98019-80	5140.0	5140.0	Cuttings	56.09	7.76	1.35	434	2.51
6406/2-5A T2	NOR	98019-81	5172.0	5172.0	Cuttings	38.45	3.69	1.16	431	2.19
6406/2-5A T2	NOR	98019-82	5190.0	5190.0	Cuttings					2.06
6406/2-5A T2	NOR	98019-83	5208.0	5208.0	Cuttings	37.09	4.95	1.32	432	2.47
6406/2-5A T2	NOR	98019-84	5226.0	5226.0	Cuttings					1.95
6406/2-5A T2	NOR	98019-85	5244.0	5244.0	Cuttings	40.93	5.32	1.21	437	3.82
6406/2-5A T2	NOR	98019-86	5262.0	5262.0	Cuttings	48.13	4.77	1.16	436	2.33
6406/2-5A T2	NOR	98019-87	5271.0	5271.0	Cuttings	47.89	6.02	1.27	440	4.06
6406/2-5A T2	NOR	98019-88	5289.0	5289.0	Cuttings	64.43	8.51	1.16	436	4.08
6406/2-5A T2	NOR	98019-88X	5289.0	5289.0	S E Ctgs	0.44	8.34	0.97	434	
6406/2-5A T2	NOR	98019-89	5298.0	5298.0	Cuttings	57.53	5.06	1.54	433	4.21
6406/2-5A T2	NOR	98019-90	5397.0	5397.0	Cuttings	70.40	4.17	1.15	439	1.52
6406/2-5A T2	NOR	98019-91	5415.0	5415.0	Cuttings	52.76	2.28	1.14	439	1.01
6406/2-5A T2	NOR	98019-92	5433.0	5433.0	Cuttings	51.03	1.92	1.54	439	1.11
6406/2-5A T2	NOR	98019-93	5451.0	5451.0	Cuttings	70.56	5.35	1.36	437	2.36
6406/2-5A T2	NOR	98019-93X	5451.0	5451.0	S E Ctgs	0.23	5.59	0.70	434	
6406/2-5A T2	NOR	98019-94	5469.0	5469.0	Cuttings	75.42	7.13	1.32	433	2.85
6406/2-5A T2	NOR	98019-95	5487.0	5487.0	Cuttings	58.64	2.70	1.13	437	1.43
6406/2-5A T2	NOR	98019-96	5505.0	5505.0	Cuttings	50.33	1.41	1.03	433	1.32
6406/2-5A T2	NOR	98019-97	5514.0	5514.0	Cuttings	61.14	3.97	1.41	430	1.56
6406/2-5A T2	NOR	98019-98	5532.0	5532.0	Cuttings	68.13	3.97	1.29	439	1.43
6406/2-5A T2	NOR	98019-99	5541.0	5541.0	Cuttings	57.72	2.27	1.25	436	1.07
6406/2-5A T2	NOR	98019-100	5559.0	5559.0	Cuttings					0.97
6406/2-5A T2	NOR	98019-101	5568.0	5568.0	Cuttings	55.42	2.57	1.26	439	0.93
6406/2-5A T2	NOR	98019-102	5595.0	5595.0	Cuttings	56.44	4.98	0.88	435	1.55
6406/2-5A T2	NOR	98019-102X	5595.0	5595.0	S E Ctgs	0.31	4.83	0.80	435	