

ANALYTICAL PROGRAM (Table 2)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	Headspace gas analysis	Occluded gas analysis	Gas isotope analysis	Lithology descriptions	TOC	RockEvalPyrolysis	Pyrolysis GC	Solvent Extraction	Asphaltenes content	MPLC	Saturate GC	Aromatic GC	Saturate GC/MS
15/12-11S	97009-270A	3393.0	3393.0	Picked Ctgs					X	X	X	X		X	X		X
15/12-11S	97009-270B	3393.0	3393.0	Picked Ctgs					X	X							
15/12-11S	97009-271	3429.0	3429.0	Cuttings	X	X	X	X									
15/12-11S	97009-272	3438.0	3438.0	Cuttings	X	X		X									
15/12-11S	97009-273	3447.0	3447.0	Cuttings	X	X		X									
15/12-11S	97009-274	3456.0	3456.0	Cuttings	X	X		X									
15/12-11S	97009-275	3465.0	3465.0	Cuttings	X	X		X									
15/12-11S	97009-276	3474.0	3474.0	Cuttings	X	X		X									
15/12-11S	97009-277	3483.0	3483.0	Cuttings	X	X		X									
15/12-11S	97009-278	3492.0	3492.0	Cuttings	X	X		X									
15/12-11S	97009-278A	3492.0	3492.0	Picked Ctgs					X	X	X	X		X	X		X
15/12-11S	97009-279	3501.0	3501.0	Cuttings	X	X	X	X									
15/12-11S	97009-280	3510.0	3510.0	Cuttings	X	X		X									
15/12-11S	97009-281	3519.0	3519.0	Cuttings	X	X	X	X									
15/12-11S	97009-281A	3519.0	3519.0	Picked Ctgs					X	X							
15/12-11S	97009-282	3528.0	3528.0	Cuttings	X	X		X									
15/12-11S	97009-283	3537.0	3537.0	Cuttings	X	X		X									
15/12-11S	97009-284	3546.0	3546.0	Cuttings	X	X		X									
15/12-11S	97009-285	3555.0	3555.0	Cuttings	X	X	X	X									
15/12-11S	97009-286	3564.0	3564.0	Cuttings	X	X		X									
15/12-11S	97009-287	3573.0	3573.0	Cuttings	X	X		X									
15/12-11S	97009-288	3582.0	3582.0	Cuttings	X	X		X									
15/12-11S	97009-289	3591.0	3591.0	Cuttings	X	X		X									
					289	289	12	289	36	36	8	15	4	12	12	4	8

Headspace Gas Analysis (Table 3)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg	C2 uL/Kg	C3 uL/Kg	iC4 uL/Kg	nC4 uL/Kg	C5+ uL/Kg	Wetness %	iC4 nC4
15/12-11S	97009-1	410.0	410.0	Cuttings	3500.5	3.1	1.5	0.4	0.6	3.6	0.2	0.63
15/12-11S	97009-2	420.0	420.0	Cuttings	12840.9	18.0	3.3			4.8	0.2	
15/12-11S	97009-3	440.0	440.0	Cuttings	10364.2	11.6	2.0	0.5	0.3	2.5	0.1	1.49
15/12-11S	97009-4	450.0	450.0	Cuttings	11746.4	13.1	3.0	1.0		3.5	0.1	
15/12-11S	97009-5	460.0	460.0	Cuttings	17028.2	21.4	2.3			7.7	0.1	
15/12-11S	97009-6	470.0	470.0	Cuttings	12842.5	16.6	2.1			10.1	0.1	
15/12-11S	97009-7	480.0	480.0	Cuttings	12100.0					1.3		
15/12-11S	97009-8	500.0	500.0	Cuttings	13999.7					1.4		
15/12-11S	97009-9	510.0	510.0	Cuttings	14510.2							
15/12-11S	97009-10	520.0	520.0	Cuttings	16592.1	18.8	2.7	0.7		4.1	0.1	
15/12-11S	97009-11	540.0	540.0	Cuttings	16689.9	23.6	3.1	0.9		4.5	0.2	
15/12-11S	97009-12	550.0	550.0	Cuttings	8663.2	10.6	1.9	0.4	0.5	2.3	0.2	0.82
15/12-11S	97009-13	560.0	560.0	Cuttings	12199.5	17.8	2.5	0.7	0.5	4.9	0.2	1.25
15/12-11S	97009-14	570.0	570.0	Cuttings	9020.0	12.6	1.6	0.6	0.3	2.1	0.2	1.81
15/12-11S	97009-15	580.0	580.0	Cuttings	14105.6	17.9	2.3	0.7	0.7	2.2	0.2	1.01
15/12-11S	97009-16	620.0	620.0	Cuttings	9036.1	12.0	2.7	0.8	0.8	3.7	0.2	0.99
15/12-11S	97009-17	630.0	630.0	Cuttings	12338.5	18.2	2.7	0.8	0.5	4.6	0.2	1.39
15/12-11S	97009-18	640.0	640.0	Cuttings	15801.7	22.5	3.0	0.9	0.8	7.4	0.2	1.06
15/12-11S	97009-19	650.0	650.0	Cuttings	15952.0	20.9	3.2	0.5	0.7	8.8	0.2	0.71
15/12-11S	97009-20	670.0	670.0	Cuttings	15694.8	29.7	5.2	1.3	1.6	12.9	0.2	0.86
15/12-11S	97009-21	680.0	680.0	Cuttings	18922.6	39.3	3.0	1.2	0.7	8.2	0.2	1.62
15/12-11S	97009-22	690.0	690.0	Cuttings	13049.7	29.7	3.0	0.9	0.6	5.2	0.3	1.68
15/12-11S	97009-23	700.0	700.0	Cuttings	20693.9	34.6	3.5	0.8	0.3	8.3	0.2	3.15
15/12-11S	97009-24	710.0	710.0	Cuttings	17002.4	30.7	3.2	1.8	0.5	6.2	0.2	3.42
15/12-11S	97009-25	720.0	720.0	Cuttings	18562.6	29.3	8.3	4.9	1.0	7.0	0.2	4.74
15/12-11S	97009-26	730.0	730.0	Cuttings	11222.9	21.4	4.2	2.4	0.7	5.9	0.3	3.44
15/12-11S	97009-27	740.0	740.0	Cuttings	15741.2	28.0	6.2	2.9	0.9	6.1	0.2	3.30
15/12-11S	97009-28	750.0	750.0	Cuttings	9161.4	14.7	4.0	1.6	0.9	4.8	0.2	1.80
15/12-11S	97009-29	760.0	760.0	Cuttings	10578.2	24.1	3.1	1.0	0.6	4.4	0.3	1.85
15/12-11S	97009-30	770.0	770.0	Cuttings	7592.0	24.7	2.6	0.7	0.5	4.2	0.4	1.40
15/12-11S	97009-31	780.0	780.0	Cuttings	12228.7	33.8	3.9	0.9	1.0	5.8	0.3	0.91
15/12-11S	97009-32	790.0	790.0	Cuttings	10136.1	27.3	3.0	0.7	0.6	3.6	0.3	1.02
15/12-11S	97009-33	830.0	830.0	Cuttings	15026.6	37.3	5.3	0.9	1.9	33.8	0.3	0.49
15/12-11S	97009-34	840.0	840.0	Cuttings	13148.8	38.6	4.6	0.5	1.4	4.1	0.3	0.36
15/12-11S	97009-35	850.0	850.0	Cuttings	7583.8	24.2	3.3	0.5	1.1	4.8	0.4	0.47
15/12-11S	97009-36	860.0	860.0	Cuttings	12735.1	38.0	5.8	0.7	1.7	9.1	0.4	0.40
15/12-11S	97009-37	870.0	870.0	Cuttings	6627.0	26.0	3.4	0.4	1.2	21.5	0.5	0.34
15/12-11S	97009-38	880.0	880.0	Cuttings	7820.3	28.6	3.9	0.3	1.2	9.2	0.4	0.27
15/12-11S	97009-39	890.0	890.0	Cuttings	12588.6	82.7	5.1	1.1	1.8	9.2	0.7	0.60
15/12-11S	97009-40	900.0	900.0	Cuttings	10452.6	82.1	4.2	0.7	1.4	7.7	0.8	0.48
15/12-11S	97009-41	910.0	910.0	Cuttings	10996.4	50.5	3.8	0.6	1.1	12.9	0.5	0.54
15/12-11S	97009-42	920.0	920.0	Cuttings	9870.4	37.8	2.6	0.3	0.9	2.6	0.4	0.32
15/12-11S	97009-43	930.0	930.0	Cuttings	12079.3	43.2	2.9	0.6	0.7	2.9	0.4	0.84
15/12-11S	97009-44	940.0	940.0	Cuttings	5651.7	17.0	2.0			1.1	0.3	
15/12-11S	97009-45	950.0	950.0	Cuttings	7618.6	25.4	2.3	0.1	0.7	20.5	0.4	0.17
15/12-11S	97009-46	960.0	960.0	Cuttings	9663.4	34.5	2.5	0.3	0.8	11.2	0.4	0.36
15/12-11S	97009-47	970.0	970.0	Cuttings	7924.4	26.7	2.2	0.2	0.7	3.3	0.4	0.32
15/12-11S	97009-48	980.0	980.0	Cuttings	7089.7	16.9	1.5	0.1	0.7	3.6	0.3	0.21
15/12-11S	97009-49	990.0	990.0	Cuttings	9848.5	25.5	3.1	0.2	1.4	23.0	0.3	0.17
15/12-11S	97009-50	1000.0	1000.0	Cuttings	7521.1	20.4	1.8	0.1	0.5	8.3	0.3	0.26

Headspace Gas Analysis (Table 3)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg	C2 uL/Kg	C3 uL/Kg	iC4 uL/Kg	nC4 uL/Kg	C5+ uL/Kg	Wetness %	iC4 nC4
15/12-11S	97009-51	1010.0	1010.0	Cuttings	8469.8	23.3	4.5	0.5	1.5	14.9	0.3	0.33
15/12-11S	97009-52	1020.0	1020.0	Cuttings	6014.9	28.9	4.9	0.3	1.5	13.6	0.6	0.19
15/12-11S	97009-53	1030.0	1030.0	Cuttings	6739.0	21.3	4.5	0.3	1.7	3.6	0.4	0.19
15/12-11S	97009-54	1040.0	1040.0	Cuttings	13055.3	35.7	6.7	0.5	2.1	23.6	0.3	0.24
15/12-11S	97009-55	1050.0	1050.0	Cuttings	7009.1	18.7	2.5	0.2	1.2	3.7	0.3	0.13
15/12-11S	97009-56	1060.0	1060.0	Cuttings	6710.0	20.8	4.3	0.3	1.2	24.8	0.4	0.22
15/12-11S	97009-57	1070.0	1070.0	Cuttings	4063.9	9.1	2.1	0.1	0.9	10.1	0.3	0.15
15/12-11S	97009-58	1080.0	1080.0	Cuttings	6409.8	15.7	2.5	0.2	1.1	11.9	0.3	0.18
15/12-11S	97009-59	1090.0	1090.0	Cuttings	4693.4	14.2	3.0	0.2	1.1	15.9	0.4	0.16
15/12-11S	97009-60	1100.0	1100.0	Cuttings	4314.2	13.8	2.6	0.2	0.9	13.3	0.4	0.19
15/12-11S	97009-61	1120.0	1120.0	Cuttings	8587.6	30.7	4.4	0.3	1.3	15.7	0.4	0.21
15/12-11S	97009-62	1130.0	1130.0	Cuttings	8750.0	43.7	7.4	0.1	0.9	11.3	0.6	0.12
15/12-11S	97009-63	1140.0	1140.0	Cuttings	7064.9	35.0	6.3	0.1	0.6	3.2	0.6	0.26
15/12-11S	97009-64	1150.0	1150.0	Cuttings	6255.7	32.0	5.3	0.1	0.8	2.0	0.6	0.18
15/12-11S	97009-65	1160.0	1160.0	Cuttings	9388.4	50.2	8.2	0.1	0.6	2.1	0.6	0.14
15/12-11S	97009-66	1170.0	1170.0	Cuttings	4213.0	23.9	3.0	0.2	0.6	4.7	0.7	0.26
15/12-11S	97009-67	1180.0	1180.0	Cuttings	7878.8	39.2	4.9	0.2	0.9	1.3	0.6	0.17
15/12-11S	97009-68	1190.0	1190.0	Cuttings	7760.2	41.0	5.7		0.8	1.8	0.6	
15/12-11S	97009-69	1200.0	1200.0	Cuttings	7329.0	42.3	7.5		1.1	7.1	0.7	
15/12-11S	97009-70	1210.0	1210.0	Cuttings	9732.7	57.8	9.7	0.3	1.2	17.4	0.7	0.26
15/12-11S	97009-71	1220.0	1220.0	Cuttings	8192.9	62.1	8.7	0.4	0.8	18.6	0.9	0.45
15/12-11S	97009-72	1230.0	1230.0	Cuttings	9213.4	80.4	16.8	0.4	1.4	5.0	1.1	0.29
15/12-11S	97009-73	1240.0	1240.0	Cuttings	7857.1	72.8	16.9	0.5	1.2	22.0	1.2	0.46
15/12-11S	97009-74	1250.0	1250.0	Cuttings	8010.6	77.3	11.0	0.2	0.8	6.9	1.1	0.26
15/12-11S	97009-75	1260.0	1260.0	Cuttings	6760.6	77.4	17.0	0.5	0.9	13.9	1.4	0.52
15/12-11S	97009-76	1270.0	1270.0	Cuttings	4653.3	25.5	3.9	0.1	0.2	1.2	0.6	0.47
15/12-11S	97009-77	1280.0	1280.0	Cuttings	10038.4	80.2	15.8	0.5	1.0	3.5	1.0	0.46
15/12-11S	97009-78	1300.0	1300.0	Cuttings	7350.5	89.8	15.4	0.6	1.1	2.7	1.4	0.54
15/12-11S	97009-79	1310.0	1310.0	Cuttings	9700.1	163.3	27.9	1.3	2.1	21.6	2.0	0.65
15/12-11S	97009-80	1330.0	1330.0	Cuttings	8211.8	98.0	22.7	3.0	1.9	15.9	1.5	1.55
15/12-11S	97009-81	1340.0	1340.0	Cuttings	5895.9	82.1	26.8	6.2	3.0	19.1	2.0	2.07
15/12-11S	97009-82	1350.0	1350.0	Cuttings	850.3	4.2	2.0	0.6	0.2	0.3	0.8	3.05
15/12-11S	97009-83	1360.0	1360.0	Cuttings	6530.7	109.1	73.2	23.8	8.9	24.8	3.2	2.67
15/12-11S	97009-84	1370.0	1370.0	Cuttings	5301.6	96.3	65.9	20.8	7.4	19.6	3.5	2.81
15/12-11S	97009-85	1380.0	1380.0	Cuttings	6960.7	135.0	108.8	34.3	12.2	33.2	4.0	2.81
15/12-11S	97009-86	1390.0	1390.0	Cuttings	5071.2	89.2	52.9	13.0	4.6	8.8	3.1	2.84
15/12-11S	97009-87	1400.0	1400.0	Cuttings	11942.6	366.9	323.2	113.3	36.9	101.8	6.6	3.07
15/12-11S	97009-88	1410.0	1410.0	Cuttings	7599.9	351.1	378.6	148.2	44.5	103.9	10.8	3.33
15/12-11S	97009-89	1430.0	1430.0	Cuttings	6903.9	280.2	278.7	107.1	31.3	76.4	9.2	3.42
15/12-11S	97009-90	1440.0	1440.0	Cuttings	6479.0	305.3	314.9	138.1	34.6	85.9	10.9	3.99
15/12-11S	97009-91	1460.0	1460.0	Cuttings	4392.3	253.2	248.6	109.0	25.6	69.1	12.7	4.25
15/12-11S	97009-92	1490.0	1490.0	Cuttings	5657.5	371.1	315.9	140.7	30.3	76.5	13.2	4.64
15/12-11S	97009-93	1500.0	1500.0	Cuttings	9381.3	574.8	475.9	193.5	43.5	116.3	12.1	4.45
15/12-11S	97009-94	1520.0	1520.0	Cuttings	11383.4	695.9	540.2	214.7	48.0	132.6	11.6	4.47
15/12-11S	97009-95	1540.0	1540.0	Cuttings	8825.8	487.0	352.2	130.9	31.1	89.3	10.2	4.21
15/12-11S	97009-96	1560.0	1560.0	Cuttings	10004.6	460.4	356.4	135.3	37.6	104.6	9.0	3.60
15/12-11S	97009-97	1580.0	1580.0	Cuttings	4826.4	207.4	169.5	69.3	21.1	61.8	8.8	3.28
15/12-11S	97009-98	1590.0	1590.0	Cuttings	7570.5	322.2	225.6	89.0	27.9	51.2	8.1	3.20
15/12-11S	97009-99	1610.0	1610.0	Cuttings	4917.0	252.9	206.2	88.3	27.7	55.6	10.5	3.19
15/12-11S	97009-100	1620.0	1620.0	Cuttings	5659.5	321.5	218.5	93.1	29.7	46.6	10.5	3.13
15/12-11S	97009-101	1650.0	1650.0	Cuttings	9757.7	484.9	298.5	121.8	43.0	79.3	8.9	2.83
15/12-11S	97009-102	1660.0	1660.0	Cuttings	7729.0	349.2	171.0	56.5	21.3	40.1	7.2	2.66
15/12-11S	97009-103	1670.0	1670.0	Cuttings	6554.7	348.5	227.1	92.6	33.6	70.5	9.7	2.76
15/12-11S	97009-104	1690.0	1690.0	Cuttings	5896.9	375.4	278.7	110.5	43.9	96.3	12.1	2.52

Headspace Gas Analysis (Table 3)

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15/12-11S	97009-105	1700.0	1700.0	Cuttings	5429.0	354.5	261.1	103.6	40.6	81.9	12.3	2.55
15/12-11S	97009-106	1720.0	1720.0	Cuttings	6920.9	461.3	376.0	149.5	61.3	145.7	13.2	2.44
15/12-11S	97009-107	1730.0	1730.0	Cuttings	4790.2	306.5	271.1	106.9	44.6	99.3	13.2	2.40
15/12-11S	97009-108	1740.0	1740.0	Cuttings	4952.5	368.7	309.1	112.7	50.4	112.2	14.5	2.23
15/12-11S	97009-109	1750.0	1750.0	Cuttings	5270.1	390.6	326.1	113.8	50.4	99.9	14.3	2.26
15/12-11S	97009-110	1760.0	1760.0	Cuttings	4064.3	296.8	273.3	98.6	43.1	84.8	14.9	2.29
15/12-11S	97009-111	1770.0	1770.0	Cuttings	6070.4	409.3	338.5	108.3	49.7	102.8	13.0	2.18
15/12-11S	97009-112	1780.0	1780.0	Cuttings	5694.8	428.4	357.2	113.6	53.2	121.5	14.3	2.14
15/12-11S	97009-113	1790.0	1790.0	Cuttings	4927.3	371.5	359.6	118.7	57.1	141.4	15.5	2.08
15/12-11S	97009-114	1800.0	1800.0	Cuttings	4572.7	312.1	305.6	100.8	48.1	97.7	14.4	2.09
15/12-11S	97009-115	1810.0	1810.0	Cuttings	6409.8	441.1	369.8	108.7	56.0	122.5	13.2	1.94
15/12-11S	97009-116	1820.0	1820.0	Cuttings	5006.6	373.8	333.2	103.0	50.0	106.9	14.7	2.06
15/12-11S	97009-117	1830.0	1830.0	Cuttings	8179.9	671.5	543.3	164.6	79.3	161.9	15.1	2.07
15/12-11S	97009-118	1840.0	1840.0	Cuttings	4679.8	387.0	306.1	92.9	44.6	92.6	15.1	2.08
15/12-11S	97009-119	1850.0	1850.0	Cuttings	4530.5	389.5	338.2	102.9	49.3	111.5	16.3	2.09
15/12-11S	97009-120	1860.0	1860.0	Cuttings	5496.6	409.4	330.7	98.3	47.4	119.5	13.9	2.07
15/12-11S	97009-121	1870.0	1870.0	Cuttings	6084.6	530.8	421.6	129.2	60.6	148.3	15.8	2.13
15/12-11S	97009-122	1880.0	1880.0	Cuttings	4511.1	358.1	341.5	106.1	50.4	135.8	16.0	2.10
15/12-11S	97009-123	1900.0	1900.0	Cuttings	3082.3	291.5	275.9	81.0	37.8	87.3	18.2	2.14
15/12-11S	97009-124	1910.0	1910.0	Cuttings	5304.6	434.3	372.2	100.4	48.1	100.5	15.3	2.09
15/12-11S	97009-125	1920.0	1920.0	Cuttings	4235.6	316.3	253.8	67.8	31.1	64.7	13.6	2.18
15/12-11S	97009-126	1930.0	1930.0	Cuttings	6121.9	535.9	387.0	99.4	42.2	75.2	14.8	2.36
15/12-11S	97009-127	1940.0	1940.0	Cuttings	9542.4	889.3	615.3	158.5	66.3	124.5	15.3	2.39
15/12-11S	97009-128	1950.0	1950.0	Cuttings	11515.2	1064.7	740.1	202.4	76.1	160.8	15.3	2.66
15/12-11S	97009-129	1960.0	1960.0	Cuttings	6370.6	541.1	380.9	106.4	39.0	88.4	14.4	2.73
15/12-11S	97009-130	1970.0	1970.0	Cuttings	7578.5	766.6	501.4	140.3	49.3	107.7	16.1	2.85
15/12-11S	97009-131	1980.0	1980.0	Cuttings	6282.7	576.2	360.4	92.2	33.4	70.8	14.5	2.76
15/12-11S	97009-132	1990.0	1990.0	Cuttings	6354.3	548.6	356.5	89.0	33.9	78.0	13.9	2.62
15/12-11S	97009-133	2000.0	2000.0	Cuttings	4579.9	475.4	328.2	93.8	32.3	69.1	16.9	2.90
15/12-11S	97009-134	2010.0	2010.0	Cuttings	3330.8	333.0	262.4	81.0	27.9	61.1	17.5	2.91
15/12-11S	97009-135	2020.0	2020.0	Cuttings	5307.6	406.4	277.0	84.1	27.6	64.4	13.0	3.05
15/12-11S	97009-136	2030.0	2030.0	Cuttings	6679.8	581.0	355.8	105.0	33.8	77.0	13.9	3.11
15/12-11S	97009-137	2040.0	2040.0	Cuttings	5013.3	373.8	242.7	74.5	25.0	62.1	12.5	2.98
15/12-11S	97009-138	2050.0	2050.0	Cuttings	5818.3	451.6	278.5	87.1	28.4	72.0	12.7	3.07
15/12-11S	97009-139	2060.0	2060.0	Cuttings	4571.8	471.9	319.7	116.6	34.4	90.5	17.1	3.39
15/12-11S	97009-140	2070.0	2070.0	Cuttings	3466.6	340.5	213.4	70.2	20.8	54.6	15.7	3.38
15/12-11S	97009-141	2080.0	2080.0	Cuttings	8240.0	681.4	365.0	119.1	37.0	103.9	12.7	3.22
15/12-11S	97009-142	2090.0	2090.0	Cuttings	5682.7	539.9	286.8	103.4	28.5	68.8	14.4	3.63
15/12-11S	97009-143	2100.0	2100.0	Cuttings	4994.5	413.5	248.1	85.2	26.0	74.5	13.4	3.28
15/12-11S	97009-144	2110.0	2110.0	Cuttings	9438.5	1028.7	634.5	252.1	70.9	166.7	17.4	3.56
15/12-11S	97009-145	2120.0	2120.0	Cuttings	3424.5	295.7	203.8	83.7	23.7	59.4	15.1	3.54
15/12-11S	97009-146	2130.0	2130.0	Cuttings	1342.4	60.9	60.0	29.6	10.5	25.5	10.7	2.82
15/12-11S	97009-147	2140.0	2140.0	Cuttings	1486.7	66.7	74.4	38.1	14.9	34.6	11.5	2.56
15/12-11S	97009-148	2150.0	2150.0	Cuttings	1042.4	54.1	60.9	31.9	12.5	25.7	13.3	2.56
15/12-11S	97009-149	2160.0	2160.0	Cuttings	1755.3	67.7	73.5	36.0	14.6	29.9	9.8	2.47
15/12-11S	97009-150	2170.0	2170.0	Cuttings	733.9	47.2	61.0	33.8	13.7	21.8	17.5	2.47
15/12-11S	97009-151	2180.0	2180.0	Cuttings	739.7	42.0	53.7	29.1	12.7	17.8	15.7	2.29
15/12-11S	97009-152	2190.0	2190.0	Cuttings	1765.2	59.1	65.0	31.8	14.2	22.7	8.8	2.24
15/12-11S	97009-153	2200.0	2200.0	Cuttings	1366.0	51.5	65.9	34.6	17.8	26.6	11.1	1.95
15/12-11S	97009-154	2210.0	2210.0	Cuttings	1815.3	83.3	74.2	32.2	17.5	24.8	10.2	1.84
15/12-11S	97009-155	2220.0	2220.0	Cuttings	2060.2	86.4	73.8	28.9	16.7	26.3	9.1	1.73
15/12-11S	97009-156	2230.0	2230.0	Cuttings	1118.6	39.5	40.2	17.6	11.7	22.0	8.9	1.50
15/12-11S	97009-157	2240.0	2240.0	Cuttings	823.7	36.4	49.6	26.1	16.9	34.1	13.5	1.54
15/12-11S	97009-158	2250.0	2250.0	Cuttings	931.3	45.6	62.6	34.1	22.1	64.0	15.0	1.54
15/12-11S	97009-159	2260.0	2260.0	Cuttings	2400.5	120.7	132.1	75.5	39.8	94.1	13.3	1.90
15/12-11S	97009-160	2270.0	2270.0	Cuttings	1932.0	125.1	146.4	91.4	48.3	118.9	17.5	1.89
15/12-11S	97009-161	2280.0	2280.0	Cuttings	2575.6	144.4	121.8	56.7	28.5	60.7	12.0	1.99
15/12-11S	97009-162	2290.0	2290.0	Cuttings	3313.7	188.8	121.4	50.7	26.6	50.2	10.5	1.91

Headspace Gas Analysis (Table 3)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg	C2 uL/Kg	C3 uL/Kg	iC4 uL/Kg	nC4 uL/Kg	C5+ uL/Kg	Wetness %	iC4 nC4
15/12-11S	97009-163	2300.0	2300.0	Cuttings	4241.8	226.1	151.7	59.9	27.6	50.8	9.9	2.17
15/12-11S	97009-164	2310.0	2310.0	Cuttings	2501.2	20.2	166.8	89.7	47.1	96.8	11.5	1.90
15/12-11S	97009-165	2320.0	2320.0	Cuttings	2372.2	114.8	86.4	44.9	20.3	54.3	10.1	2.21
15/12-11S	97009-166	2330.0	2330.0	Cuttings	2383.0	100.1	86.3	41.5	26.9	55.4	9.7	1.54
15/12-11S	97009-167	2340.0	2340.0	Cuttings	1625.7	71.4	71.5	36.8	19.2	37.4	10.9	1.91
15/12-11S	97009-168	2350.0	2350.0	Cuttings	1385.5	67.5	73.3	44.1	24.6	41.3	13.1	1.79
15/12-11S	97009-169	2360.0	2360.0	Cuttings	1544.2	66.0	57.4	29.0	15.9	25.4	9.8	1.82
15/12-11S	97009-170	2370.0	2370.0	Cuttings	2087.0	97.1	82.4	38.6	18.7	28.8	10.2	2.07
15/12-11S	97009-171	2380.0	2380.0	Cuttings	1768.2	129.0	108.6	52.8	21.4	26.3	15.0	2.47
15/12-11S	97009-172	2390.0	2390.0	Cuttings	2340.7	195.5	175.4	88.0	35.2	54.1	17.4	2.50
15/12-11S	97009-173	2400.0	2400.0	Cuttings	2372.1	203.1	176.3	85.2	32.7	51.8	17.3	2.61
15/12-11S	97009-174	2410.0	2410.0	Cuttings	2901.7	259.4	225.6	112.9	45.2	70.6	18.1	2.50
15/12-11S	97009-175	2430.0	2430.0	Cuttings	3631.9	569.6	440.0	191.0	77.9	137.1	26.0	2.45
15/12-11S	97009-176	2440.0	2440.0	Cuttings	2806.4	575.8	385.1	156.4	67.3	119.1	29.7	2.32
15/12-11S	97009-177	2450.0	2450.0	Cuttings	3387.1	639.7	537.6	237.4	109.3	205.8	31.0	2.17
15/12-11S	97009-178	2470.0	2470.0	Cuttings	3253.0	804.4	598.2	192.0	116.6	198.4	34.5	1.65
15/12-11S	97009-179	2480.0	2480.0	Cuttings	2491.0	566.6	469.3	174.2	115.5	177.7	34.7	1.51
15/12-11S	97009-180	2490.0	2490.0	Cuttings	2173.4	302.6	312.7	109.8	87.2	125.3	27.2	1.26
15/12-11S	97009-181	2500.0	2500.0	Cuttings	2988.8	452.6	462.9	136.6	149.3	130.5	28.7	0.91
15/12-11S	97009-182	2510.0	2510.0	Cuttings	1459.2	168.2	191.8	62.6	64.9	68.2	25.0	0.96
15/12-11S	97009-183	2520.0	2520.0	Cuttings	1405.8	104.1	118.4	36.7	48.2	68.8	17.9	0.76
15/12-11S	97009-184	2530.0	2530.0	Cuttings	3765.2	995.0	1060.1	267.9	481.1	578.1	42.7	0.56
15/12-11S	97009-185	2540.0	2540.0	Cuttings	4584.7	1325.4	1763.6	476.6	897.8	1253.9	49.3	0.53
15/12-11S	97009-186	2550.0	2550.0	Cuttings	2773.9	688.4	984.7	263.3	535.0	830.0	47.1	0.49
15/12-11S	97009-187	2560.0	2560.0	Cuttings	2246.6	488.2	825.9	243.0	500.9	879.6	47.8	0.49
15/12-11S	97009-188	2570.0	2570.0	Cuttings	3679.4	1219.2	1570.2	437.8	851.1	1269.3	52.6	0.51
15/12-11S	97009-189	2580.0	2580.0	Cuttings	3557.3	1277.1	1503.0	393.3	733.0	990.4	52.3	0.54
15/12-11S	97009-190	2590.0	2590.0	Cuttings	1904.2	708.8	966.1	256.1	514.8	735.2	56.2	0.50
15/12-11S	97009-191	2600.0	2600.0	Cuttings	1790.4	641.9	876.6	222.4	436.9	669.1	54.9	0.51
15/12-11S	97009-192	2610.0	2610.0	Cuttings	2686.8	932.8	1125.8	291.4	545.4	727.1	51.9	0.53
15/12-11S	97009-193	2620.0	2620.0	Cuttings	1363.2	388.7	591.7	144.0	288.8	412.4	50.9	0.50
15/12-11S	97009-194	2630.0	2630.0	Cuttings	985.0	147.2	238.3	57.9	124.1	172.9	36.6	0.47
15/12-11S	97009-195	2640.0	2640.0	Cuttings	413.5	81.3	174.2	36.7	96.7	133.2	48.5	0.38
15/12-11S	97009-196	2650.0	2650.0	Cuttings	2083.9	230.5	296.0	63.1	130.5	181.6	25.7	0.48
15/12-11S	97009-197	2660.0	2660.0	Cuttings	521.6	63.7	113.1	25.4	52.5	75.8	32.8	0.48
15/12-11S	97009-198	2670.0	2670.0	Cuttings	766.0	69.9	149.9	31.8	79.1	82.5	30.2	0.40
15/12-11S	97009-199	2680.0	2680.0	Cuttings	430.7	63.0	131.5	26.2	74.8	88.5	40.7	0.35
15/12-11S	97009-200	2690.0	2690.0	Cuttings	11573.4	1485.3	2155.3	455.5	1024.4	1280.6	30.7	0.44
15/12-11S	97009-201	2700.0	2700.0	Cuttings	24015.6	2705.8	2745.8	835.6	1016.2	1682.4	23.3	0.82
15/12-11S	97009-202	2710.0	2710.0	Cuttings	16246.4	2143.3	2780.3	822.2	1618.6	2427.0	31.2	0.51
15/12-11S	97009-203	2720.0	2720.0	Cuttings	17894.5	2394.1	2958.6	819.2	1569.2	2250.9	30.2	0.52
15/12-11S	97009-204	2730.0	2730.0	Cuttings	9115.9	2316.2	2518.8	577.4	864.8	951.3	40.8	0.67
15/12-11S	97009-205	2740.0	2740.0	Cuttings	13463.2	3339.4	4207.4	946.2	2185.6	3194.9	44.2	0.43
15/12-11S	97009-206	2750.0	2750.0	Cuttings	15585.1	3261.9	3448.9	661.0	1365.3	1730.6	35.9	0.48
15/12-11S	97009-207	2760.0	2760.0	Cuttings	21086.1	3133.6	2704.7	497.1	1044.1	1449.9	25.9	0.48
15/12-11S	97009-208	2770.0	2770.0	Cuttings	13784.8	1945.1	1511.9	266.4	527.7	606.0	23.6	0.50
15/12-11S	97009-209	2780.0	2780.0	Cuttings	22609.7	2105.8	1469.3	254.2	605.1	889.9	16.4	0.42
15/12-11S	97009-210	2790.0	2790.0	Cuttings	9319.2	2086.5	2379.4	468.4	1002.6	1319.5	38.9	0.47
15/12-11S	97009-211	2800.0	2800.0	Cuttings	4313.6	255.4	137.4	18.7	40.9	33.1	9.5	0.46
15/12-11S	97009-212	2810.0	2810.0	Cuttings	6244.6	956.3	983.1	187.7	391.7	507.0	28.7	0.48
15/12-11S	97009-213	2830.0	2830.0	Cuttings	5895.5	926.8	1147.7	221.7	493.3	758.1	32.1	0.45
15/12-11S	97009-214	2840.0	2840.0	Cuttings	6113.9	745.2	1085.7	264.5	555.6	858.4	30.2	0.48
15/12-11S	97009-215	2850.0	2850.0	Cuttings	9122.6	779.2	804.4	201.7	289.9	484.9	18.5	0.70
15/12-11S	97009-216	2860.0	2860.0	Cuttings	3697.7	368.2	493.7	140.2	158.4	305.2	23.9	0.89

Headspace Gas Analysis (Table 3)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg	C2 uL/Kg	C3 uL/Kg	iC4 uL/Kg	nC4 uL/Kg	C5+ uL/Kg	Wetness %	iC4 nC4
15/12-11S	97009-217	2870.0	2870.0	Cuttings	897.9	162.0	253.5	64.5	98.9	140.7	39.2	0.65
15/12-11S	97009-218	2880.0	2880.0	Cuttings	7290.0	646.1	727.1	210.5	220.9	335.1	19.8	0.95
15/12-11S	97009-219	2890.0	2890.0	Cuttings	2072.1	282.5	328.8	89.9	108.2	168.6	28.1	0.83
15/12-11S	97009-220	2900.0	2900.0	Cuttings	1128.8	229.9	195.7	15.9	71.7	164.9	31.3	0.22
15/12-11S	97009-221	2910.0	2910.0	Cuttings	1327.0	165.2	173.4	13.9	67.0	161.1	24.0	0.21
15/12-11S	97009-222	2920.0	2920.0	Cuttings	819.3	148.0	155.0	8.8	49.4	85.5	30.6	0.18
15/12-11S	97009-223	2930.0	2930.0	Cuttings	643.8	152.3	173.8	13.8	60.1	126.4	38.3	0.23
15/12-11S	97009-224	2940.0	2940.0	Cuttings	821.0	226.0	228.1	19.5	77.2	121.4	40.2	0.25
15/12-11S	97009-225	2950.0	2950.0	Cuttings	716.2	205.7	192.5	11.4	62.0	96.0	39.7	0.18
15/12-11S	97009-226	2960.0	2960.0	Cuttings	705.9	197.2	196.2	12.5	62.7	93.0	39.9	0.20
15/12-11S	97009-227	2970.0	2970.0	Cuttings	619.2	199.6	174.8	6.5	55.1	58.8	41.3	0.12
15/12-11S	97009-228	2980.0	2980.0	Cuttings	475.7	147.9	127.9	5.7	40.7	55.6	40.4	0.14
15/12-11S	97009-229	2990.0	2990.0	Cuttings	552.0	152.6	177.5	8.6	48.4	79.8	41.2	0.18
15/12-11S	97009-230	3000.0	3000.0	Cuttings	668.2	185.3	171.2	8.4	55.4	69.6	38.6	0.15
15/12-11S	97009-231	3010.0	3010.0	Cuttings	638.5	206.7	182.6	6.8	56.8	66.9	41.5	0.12
15/12-11S	97009-232	3020.0	3020.0	Cuttings	1207.6	255.3	202.1	9.2	65.1	62.6	30.6	0.14
15/12-11S	97009-233	3030.0	3030.0	Cuttings	1375.3	369.4	277.3	12.9	97.8	96.0	35.5	0.13
15/12-11S	97009-234	3040.0	3040.0	Cuttings	1037.3	223.8	200.2	15.1	79.7	107.1	33.3	0.19
15/12-11S	97009-235	3050.0	3050.0	Cuttings	934.1	209.4	198.4	13.3	85.8	91.1	35.2	0.16
15/12-11S	97009-236	3060.0	3060.0	Cuttings	1716.5	469.9	312.9	10.6	125.4	143.8	34.9	0.08
15/12-11S	97009-237	3070.0	3070.0	Cuttings	765.1	205.9	211.7	14.5	82.0	66.5	40.2	0.18
15/12-11S	97009-238	3080.0	3080.0	Cuttings	584.3	141.4	113.5	8.1	45.2	36.9	34.5	0.18
15/12-11S	97009-239	3090.0	3090.0	Cuttings	1049.4	396.5	233.5	11.3	99.5	49.0	41.4	0.11
15/12-11S	97009-240	3100.0	3100.0	Cuttings	449.0	97.9	165.0	24.3	59.1	59.1	43.5	0.41
15/12-11S	97009-241	3110.0	3110.0	Cuttings	668.6	121.6	156.3	27.4	52.0	64.8	34.8	0.53
15/12-11S	97009-242	3120.0	3120.0	Cuttings	887.6	352.7	594.8	94.9	181.6	113.1	58.0	0.52
15/12-11S	97009-243	3130.0	3130.0	Cuttings	488.0	115.8	177.9	23.0	51.8	52.9	43.0	0.44
15/12-11S	97009-244	3140.0	3140.0	Cuttings	2447.1	1915.5	3256.3	451.8	756.1	408.9	72.3	0.60
15/12-11S	97009-245	3150.0	3150.0	Cuttings	810.5	211.9	223.2	41.7	93.3	199.5	41.3	0.45
15/12-11S	97009-246	3160.0	3160.0	Cuttings	1301.4	529.1	778.8	137.8	243.0	327.6	56.5	0.57
15/12-11S	97009-247	3170.0	3170.0	Cuttings	829.0	331.3	684.6	108.4	240.0	196.0	62.2	0.45
15/12-11S	97009-248	3180.0	3180.0	Cuttings	1851.3	979.3	2990.7	467.1	1255.7	1038.4	75.5	0.37
15/12-11S	97009-249	3190.0	3190.0	Cuttings	881.6	363.1	1264.5	180.9	601.0	483.8	73.2	0.30
15/12-11S	97009-250	3200.0	3200.0	Cuttings	790.0	233.5	751.7	102.1	428.9	338.0	65.7	0.24
15/12-11S	97009-251	3210.0	3210.0	Cuttings	431.3	110.3	246.2	32.3	151.1	146.9	55.6	0.21
15/12-11S	97009-252	3220.0	3220.0	Cuttings	978.9	257.9	424.9	61.1	273.4	356.1	51.0	0.22
15/12-11S	97009-253	3230.0	3230.0	Cuttings	1330.7	675.7	3536.0	603.3	2952.4	3569.1	85.4	0.20
15/12-11S	97009-254	3240.0	3240.0	Cuttings	594.2	141.3	296.9	45.4	276.8	719.4	56.1	0.16
15/12-11S	97009-255	3249.0	3249.0	Cuttings	1980.5	1853.4	3252.0	987.1	2323.8	2904.0	81.0	0.42
15/12-11S	97009-256	3258.0	3258.0	Cuttings	2153.5	1575.2	3010.3	966.0	2094.5	2651.0	78.0	0.46
15/12-11S	97009-257	3276.0	3276.0	Cuttings	3126.0	2096.5	4368.5	1170.2	3026.4	3812.9	77.3	0.39
15/12-11S	97009-258	3285.0	3285.0	Cuttings	2218.3	1409.8	3196.5	928.8	2393.0	3087.6	78.1	0.39
15/12-11S	97009-259	3294.0	3294.0	Cuttings	4284.7	2855.7	5518.7	1417.4	3635.9	4151.4	75.8	0.39
15/12-11S	97009-260	3303.0	3303.0	Cuttings	874.1	592.7	2176.9	564.4	1727.0	2445.0	85.3	0.33
15/12-11S	97009-261	3312.0	3312.0	Cuttings	4199.0	2807.9	5142.8	1130.5	2968.6	3086.2	74.2	0.38
15/12-11S	97009-262	3321.0	3321.0	Cuttings	4731.0	2806.9	4810.7	1202.5	2815.9	2946.5	71.1	0.43
15/12-11S	97009-263	3330.0	3330.0	Cuttings	3067.7	1864.7	3309.8	543.1	1566.1	1468.9	70.4	0.35
15/12-11S	97009-264	3339.0	3339.0	Cuttings	2827.9	2029.0	3807.1	626.4	1790.4	1715.8	74.5	0.35
15/12-11S	97009-265	3348.0	3348.0	Cuttings	8109.3	3933.5	5666.2	963.6	2299.5	1885.6	61.3	0.42
15/12-11S	97009-266	3357.0	3357.0	Cuttings	5628.6	3242.8	4996.3	908.6	2094.7	1694.4	66.6	0.43
15/12-11S	97009-267	3366.0	3366.0	Cuttings	4557.3	2412.8	3296.6	773.5	1464.8	1174.1	63.6	0.53
15/12-11S	97009-268	3375.0	3375.0	Cuttings	4059.6	2575.0	3734.2	791.1	1571.0	1213.9	68.1	0.50
15/12-11S	97009-269	3384.0	3384.0	Cuttings	11560.6	5766.3	6730.2	2033.3	3082.6	2721.8	60.4	0.66
15/12-11S	97009-270	3393.0	3393.0	Cuttings	8786.8	4227.9	4838.3	1415.8	1937.5	1769.9	58.6	0.73
15/12-11S	97009-271	3429.0	3429.0	Cuttings	20758.2	9595.2	9080.3	2181.4	1283.3	1161.3	51.6	1.70
15/12-11S	97009-272	3438.0	3438.0	Cuttings	25774.5	10562.1	8442.4	2581.2	1233.7	1021.4	47.0	2.09
15/12-11S	97009-273	3447.0	3447.0	Cuttings	7863.9	3156.5	2951.2	709.1	431.4	442.8	48.0	1.64
15/12-11S	97009-274	3456.0	3456.0	Cuttings	9105.6	4457.7	4520.0	1297.6	806.6	941.6	54.9	1.61

Occluded Gas Analysis (Table 4)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg	C2 uL/Kg	C3 uL/Kg	iC4 uL/Kg	nC4 uL/Kg	C5+ uL/Kg	Wetness %	iC4 nC4
15/12-11S	97009-1	410.0	410.0	Cuttings	11.6							
15/12-11S	97009-2	420.0	420.0	Cuttings	34.2	0.6					1.8	
15/12-11S	97009-3	440.0	440.0	Cuttings	58.1	1.7	0.6				3.8	
15/12-11S	97009-4	450.0	450.0	Cuttings	34.0	2.1	0.9				8.2	
15/12-11S	97009-5	460.0	460.0	Cuttings	41.6	4.9	2.2		1.1		16.5	
15/12-11S	97009-6	470.0	470.0	Cuttings	35.7	2.7	1.5		0.6		11.7	
15/12-11S	97009-7	480.0	480.0	Cuttings	43.5	3.9	1.5		0.7		12.4	
15/12-11S	97009-8	500.0	500.0	Cuttings	36.6	1.8	0.9		0.5		8.0	
15/12-11S	97009-9	510.0	510.0	Cuttings	47.8	6.6	2.6		1.2		17.9	
15/12-11S	97009-10	520.0	520.0	Cuttings	20.4	2.9	1.7		0.9		21.1	
15/12-11S	97009-11	540.0	540.0	Cuttings	39.0	5.4	2.3		1.3		18.8	
15/12-11S	97009-12	550.0	550.0	Cuttings	17.3	2.8	1.5		0.7		22.5	
15/12-11S	97009-13	560.0	560.0	Cuttings	44.3	6.3	2.9		1.4		19.3	
15/12-11S	97009-14	570.0	570.0	Cuttings	23.5	2.5	1.2		0.7		15.6	
15/12-11S	97009-15	580.0	580.0	Cuttings	47.9	5.0	2.4		1.1		15.1	
15/12-11S	97009-16	620.0	620.0	Cuttings	15.8	0.6	0.3		0.0		5.1	
15/12-11S	97009-17	630.0	630.0	Cuttings	44.3	2.7	1.2		0.9		9.7	
15/12-11S	97009-18	640.0	640.0	Cuttings	44.1	2.2	1.1		0.9		8.8	
15/12-11S	97009-19	650.0	650.0	Cuttings	38.2	3.0	1.6		0.9	0.6	12.6	
15/12-11S	97009-20	670.0	670.0	Cuttings	27.5	2.8	1.4		1.1		16.3	
15/12-11S	97009-21	680.0	680.0	Cuttings	32.2	1.8	0.9		0.4		8.8	
15/12-11S	97009-22	690.0	690.0	Cuttings	52.8	4.2	2.2		1.1		12.5	
15/12-11S	97009-23	700.0	700.0	Cuttings	32.8	1.6	1.0		0.4		8.3	
15/12-11S	97009-24	710.0	710.0	Cuttings	38.4	6.1	3.7	0.3	2.7		25.0	0.12
15/12-11S	97009-25	720.0	720.0	Cuttings	49.3	3.6	2.1	0.4	1.3		13.0	0.29
15/12-11S	97009-26	730.0	730.0	Cuttings	24.9	4.7	2.3	0.2	1.5		26.1	0.12
15/12-11S	97009-27	740.0	740.0	Cuttings	48.9	2.0	1.3	0.4	0.7	0.7	8.4	0.48
15/12-11S	97009-28	750.0	750.0	Cuttings	49.7	3.4	1.8		0.8	0.2	10.9	
15/12-11S	97009-29	760.0	760.0	Cuttings	56.6	2.9	1.7		0.9		8.9	
15/12-11S	97009-30	770.0	770.0	Cuttings	70.2	3.6	1.6		0.7		7.8	
15/12-11S	97009-31	780.0	780.0	Cuttings	75.1	3.7	1.7		0.7		7.5	
15/12-11S	97009-32	790.0	790.0	Cuttings	87.3	4.4	2.0	0.1	1.1		8.0	0.13
15/12-11S	97009-33	830.0	830.0	Cuttings	20.6	3.0	1.5		0.7		20.3	
15/12-11S	97009-34	840.0	840.0	Cuttings	46.6	3.5	1.8		0.8		11.6	
15/12-11S	97009-35	850.0	850.0	Cuttings	65.9	5.7	2.7		1.5	0.3	13.0	
15/12-11S	97009-36	860.0	860.0	Cuttings	46.6	2.0	1.0		0.4		6.9	
15/12-11S	97009-37	870.0	870.0	Cuttings	69.4	2.3	1.1		0.6		5.5	
15/12-11S	97009-38	880.0	880.0	Cuttings	44.8	3.4	1.8		0.8		11.8	
15/12-11S	97009-39	890.0	890.0	Cuttings	55.6	4.2	1.8		0.7		10.9	
15/12-11S	97009-40	900.0	900.0	Cuttings	82.6	3.7	1.8	0.2	1.1	0.3	7.6	0.16
15/12-11S	97009-41	910.0	910.0	Cuttings	46.7	1.3	0.7				4.2	
15/12-11S	97009-42	920.0	920.0	Cuttings	43.6	4.4	2.7		1.3		16.2	
15/12-11S	97009-43	930.0	930.0	Cuttings	64.7	4.3	2.7	0.1	1.2		11.5	0.11
15/12-11S	97009-44	940.0	940.0	Cuttings	47.9	1.7	1.1				5.4	
15/12-11S	97009-45	950.0	950.0	Cuttings	33.7	3.3	1.8		0.9	0.4	15.2	
15/12-11S	97009-46	960.0	960.0	Cuttings	42.9	1.2	0.9		0.7		6.0	
15/12-11S	97009-47	970.0	970.0	Cuttings	86.6	4.0	2.1		0.8		7.3	
15/12-11S	97009-48	980.0	980.0	Cuttings	39.1	0.6	0.8				3.4	
15/12-11S	97009-49	990.0	990.0	Cuttings	58.4	3.5	2.1		0.9	0.4	10.0	
15/12-11S	97009-50	1000.0	1000.0	Cuttings	37.1	0.6	0.6				3.0	

Occluded Gas Analysis (Table 4)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	C1 uL/Kg	C2 uL/Kg	C3 uL/Kg	iC4 uL/Kg	nC4 uL/Kg	C5+ uL/Kg	Wetness %	iC4 nC4
15/12-11S	97009-51	1010.0	1010.0	Cuttings	33.7	1.9	1.4		0.8		10.9	
15/12-11S	97009-52	1020.0	1020.0	Cuttings	42.7	3.8	2.1		0.9		13.8	
15/12-11S	97009-53	1030.0	1030.0	Cuttings	26.7	2.5	1.7	0.2	1.0		16.8	0.18
15/12-11S	97009-54	1040.0	1040.0	Cuttings	19.3	1.0	0.9	0.4	0.7		13.2	0.55
15/12-11S	97009-55	1050.0	1050.0	Cuttings	27.5	1.1	1.0		0.2		7.8	
15/12-11S	97009-56	1060.0	1060.0	Cuttings	35.9	3.2	2.6		1.4	0.3	16.7	
15/12-11S	97009-57	1070.0	1070.0	Cuttings	28.1	1.5	1.2	0.2	0.7		11.2	0.37
15/12-11S	97009-58	1080.0	1080.0	Cuttings	21.3	1.2	0.8		0.4		10.0	
15/12-11S	97009-59	1090.0	1090.0	Cuttings	21.4	0.8	0.7				6.4	
15/12-11S	97009-60	1100.0	1100.0	Cuttings	16.7	0.8	0.7		0.2		9.3	
15/12-11S	97009-61	1120.0	1120.0	Cuttings	50.1	8.0	4.8		2.0	0.3	22.7	
15/12-11S	97009-62	1130.0	1130.0	Cuttings	50.5	1.3	2.1		0.7		7.4	
15/12-11S	97009-63	1140.0	1140.0	Cuttings	21.3	1.2	1.7		0.5		13.6	
15/12-11S	97009-64	1150.0	1150.0	Cuttings	30.3	1.7	2.3		0.8		13.4	
15/12-11S	97009-65	1160.0	1160.0	Cuttings	37.3	2.3	2.3		0.8		12.6	
15/12-11S	97009-66	1170.0	1170.0	Cuttings	32.2	2.0	1.7	0.2	0.7		12.5	0.24
15/12-11S	97009-67	1180.0	1180.0	Cuttings	20.8	1.4	1.5		0.6		14.6	
15/12-11S	97009-68	1190.0	1190.0	Cuttings	55.4	6.1	4.3		1.8		18.1	
15/12-11S	97009-69	1200.0	1200.0	Cuttings	22.5	1.1	1.4		0.4		11.4	
15/12-11S	97009-70	1210.0	1210.0	Cuttings	34.2	2.9	2.6		0.6		15.2	
15/12-11S	97009-71	1220.0	1220.0	Cuttings	77.1	6.2	5.8	0.1	1.6	0.6	15.1	0.09
15/12-11S	97009-72	1230.0	1230.0	Cuttings	68.1	6.4	6.4	0.4	2.6	0.9	18.8	0.17
15/12-11S	97009-73	1240.0	1240.0	Cuttings	64.0	7.2	6.7	0.5	2.6	0.8	21.0	0.21
15/12-11S	97009-74	1250.0	1250.0	Cuttings	150.5	7.1	5.5	0.2	1.2	0.3	8.5	0.17
15/12-11S	97009-75	1260.0	1260.0	Cuttings	68.4	6.8	6.6	0.2	2.0	0.5	18.6	0.11
15/12-11S	97009-76	1270.0	1270.0	Cuttings	78.8	2.8	3.9		0.5		8.4	
15/12-11S	97009-77	1280.0	1280.0	Cuttings	110.8	5.3	5.4	0.3	1.0	0.4	9.8	0.30
15/12-11S	97009-78	1300.0	1300.0	Cuttings	64.2	2.9	3.7	0.4	0.5	0.0	10.5	0.84
15/12-11S	97009-79	1310.0	1310.0	Cuttings	118.3	7.9	7.4	0.5	1.7	0.7	12.8	0.30
15/12-11S	97009-80	1330.0	1330.0	Cuttings	164.0	19.8	45.3	2.7	6.8	2.6	31.2	0.39
15/12-11S	97009-81	1340.0	1340.0	Cuttings	128.8	9.4	22.5	2.8	4.9	1.9	23.5	0.57
15/12-11S	97009-82	1350.0	1350.0	Cuttings	40.0	5.0	18.5	3.7	3.7	3.2	43.6	1.01
15/12-11S	97009-83	1360.0	1360.0	Cuttings	65.8	5.4	24.5	8.1	6.5	6.0	40.4	1.26
15/12-11S	97009-84	1370.0	1370.0	Cuttings	45.3	2.8	7.2	3.4	1.8	1.5	25.2	1.84
15/12-11S	97009-85	1380.0	1380.0	Cuttings	108.3	9.7	33.0	18.4	10.6	9.0	39.8	1.73
15/12-11S	97009-86	1390.0	1390.0	Cuttings	76.8	7.1	32.6	16.8	9.3	8.5	46.1	1.81
15/12-11S	97009-87	1400.0	1400.0	Cuttings	36.3	12.9	64.7	43.1	22.8	23.2	79.8	1.89
15/12-11S	97009-88	1410.0	1410.0	Cuttings	57.8	15.5	114.9	51.7	28.2	31.1	78.4	1.83
15/12-11S	97009-89	1430.0	1430.0	Cuttings	70.9	20.3	155.1	89.2	46.5	55.8	81.4	1.92
15/12-11S	97009-90	1440.0	1440.0	Cuttings	28.3	9.3	64.6	40.8	19.7	27.5	82.6	2.07
15/12-11S	97009-91	1460.0	1460.0	Cuttings	52.2	14.9	124.6	75.5	32.8	55.6	82.6	2.30
15/12-11S	97009-92	1490.0	1490.0	Cuttings	58.0	24.8	107.2	62.7	27.3	40.3	79.3	2.29
15/12-11S	97009-93	1500.0	1500.0	Cuttings	86.1	33.3	170.3	98.9	40.1	55.4	79.9	2.47
15/12-11S	97009-94	1520.0	1520.0	Cuttings	65.1	20.9	81.9	49.5	19.6	21.1	72.5	2.52
15/12-11S	97009-95	1540.0	1540.0	Cuttings	41.6	19.1	69.2	49.5	22.5	24.3	79.4	2.20
15/12-11S	97009-96	1560.0	1560.0	Cuttings	20.7	4.6	22.5	13.3	7.9	11.9	70.0	1.69
15/12-11S	97009-97	1580.0	1580.0	Cuttings	18.6	3.1	20.9	11.2	7.7	10.0	69.7	1.47
15/12-11S	97009-98	1590.0	1590.0	Cuttings	16.6	4.6	49.2	29.2	17.3	22.1	85.8	1.69
15/12-11S	97009-99	1610.0	1610.0	Cuttings	25.9	7.5	51.5	25.7	14.6	15.5	79.3	1.76
15/12-11S	97009-100	1620.0	1620.0	Cuttings	13.3	4.0	33.2	25.2	15.2	18.7	85.4	1.65
15/12-11S	97009-101	1650.0	1650.0	Cuttings	38.9	11.3	56.3	42.7	27.3	35.3	78.0	1.56
15/12-11S	97009-102	1660.0	1660.0	Cuttings	65.9	18.6	79.9	59.5	35.2	44.3	74.6	1.69
15/12-11S	97009-103	1670.0	1670.0	Cuttings	25.1	8.2	51.0	39.9	27.6	38.2	83.5	1.44
15/12-11S	97009-104	1690.0	1690.0	Cuttings	19.6	4.4	31.2	26.1	19.1	31.1	80.5	1.36