

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	97009-105	1700.0	1700.0	Cuttings	21.4	5.5	32.1	24.5	18.1	28.9	78.9	1.36
15/12-11S	97009-106	1720.0	1720.0	Cuttings	20.8	4.4	32.4	26.6	20.8	35.0	80.2	1.28
15/12-11S	97009-107	1730.0	1730.0	Cuttings	32.4	7.2	45.1	34.6	28.2	43.4	78.0	1.22
15/12-11S	97009-108	1740.0	1740.0	Cuttings	19.2	5.3	29.0	21.2	17.7	25.4	79.2	1.20
15/12-11S	97009-109	1750.0	1750.0	Cuttings	21.4	4.8	39.9	32.0	25.3	35.9	82.6	1.27
15/12-11S	97009-110	1760.0	1760.0	Cuttings	19.2	6.2	42.2	29.0	24.7	35.6	84.2	1.17
15/12-11S	97009-111	1770.0	1770.0	Cuttings	8.6	0.6	9.4	6.6	5.1	7.0	71.5	1.28
15/12-11S	97009-112	1780.0	1780.0	Cuttings	20.9	6.9	43.5	27.1	23.6	32.6	82.9	1.15
15/12-11S	97009-113	1790.0	1790.0	Cuttings	14.0	5.2	25.2	16.8	14.6	18.9	81.6	1.15
15/12-11S	97009-114	1800.0	1800.0	Cuttings	11.1	2.6	25.2	16.2	14.7	22.9	84.0	1.10
15/12-11S	97009-115	1810.0	1810.0	Cuttings	16.2	5.9	43.0	23.8	20.9	29.9	85.2	1.14
15/12-11S	97009-116	1820.0	1820.0	Cuttings	17.1	8.0	55.5	32.5	28.8	41.5	87.9	1.13
15/12-11S	97009-117	1830.0	1830.0	Cuttings	10.0	3.8	33.5	20.6	17.9	28.7	88.4	1.15
15/12-11S	97009-118	1840.0	1840.0	Cuttings	18.5	8.8	67.2	40.4	35.9	53.1	89.2	1.13
15/12-11S	97009-119	1850.0	1850.0	Cuttings	13.0	5.3	47.0	28.8	26.3	40.4	89.2	1.09
15/12-11S	97009-120	1860.0	1860.0	Cuttings	19.8	8.4	52.1	29.2	27.0	43.2	85.5	1.08
15/12-11S	97009-121	1870.0	1870.0	Cuttings	24.0	11.9	73.8	38.4	34.1	53.8	86.8	1.12
15/12-11S	97009-122	1880.0	1880.0	Cuttings	11.3	3.7	33.4	20.4	18.7	32.3	87.1	1.09
15/12-11S	97009-123	1900.0	1900.0	Cuttings	16.1	6.0	54.0	30.8	27.1	42.1	88.0	1.14
15/12-11S	97009-124	1910.0	1910.0	Cuttings	12.7	5.5	45.1	24.2	20.8	27.9	88.3	1.17
15/12-11S	97009-125	1920.0	1920.0	Cuttings	28.7	24.9	155.0	70.7	51.6	65.1	91.3	1.37
15/12-11S	97009-126	1930.0	1930.0	Cuttings	19.5	14.2	103.5	50.4	37.9	45.1	91.4	1.33
15/12-11S	97009-127	1940.0	1940.0	Cuttings	24.5	17.9	107.7	50.2	37.5	42.1	89.7	1.34
15/12-11S	97009-128	1950.0	1950.0	Cuttings	15.8	8.0	50.5	25.7	21.3	27.2	87.0	1.20
15/12-11S	97009-129	1960.0	1960.0	Cuttings	27.1	22.4	122.2	53.9	36.5	40.6	89.7	1.48
15/12-11S	97009-130	1970.0	1970.0	Cuttings	28.4	20.8	109.8	53.1	35.0	41.8	88.5	1.52
15/12-11S	97009-131	1980.0	1980.0	Cuttings	32.5	26.4	120.8	50.7	32.9	38.0	87.7	1.54
15/12-11S	97009-132	1990.0	1990.0	Cuttings	22.6	7.4	54.0	28.0	19.1	24.7	82.7	1.47
15/12-11S	97009-133	2000.0	2000.0	Cuttings	20.0	9.0	59.1	30.8	21.1	25.4	85.7	1.46
15/12-11S	97009-134	2010.0	2010.0	Cuttings	20.7	8.6	53.9	30.6	21.2	26.9	84.7	1.45
15/12-11S	97009-135	2020.0	2020.0	Cuttings	17.3	5.2	33.9	21.4	14.7	18.7	81.3	1.46
15/12-11S	97009-136	2030.0	2030.0	Cuttings	17.0	8.4	54.5	32.5	20.7	25.7	87.2	1.57
15/12-11S	97009-137	2040.0	2040.0	Cuttings	19.1	7.9	57.3	35.2	23.0	32.7	86.6	1.53
15/12-11S	97009-138	2050.0	2050.0	Cuttings	23.7	11.1	68.7	40.2	26.1	35.6	86.0	1.54
15/12-11S	97009-139	2060.0	2060.0	Cuttings	16.0	7.4	49.7	29.1	18.5	25.9	86.7	1.57
15/12-11S	97009-140	2070.0	2070.0	Cuttings	11.5	5.5	41.3	26.3	15.7	22.4	88.5	1.68
15/12-11S	97009-141	2080.0	2080.0	Cuttings	18.5	12.6	69.2	38.2	21.9	32.2	88.5	1.74
15/12-11S	97009-142	2090.0	2090.0	Cuttings	32.2	25.9	114.8	68.2	37.6	54.3	88.5	1.82
15/12-11S	97009-143	2100.0	2100.0	Cuttings	16.8	10.4	71.0	43.2	25.1	36.3	89.9	1.72
15/12-11S	97009-144	2110.0	2110.0	Cuttings	19.4	13.4	94.1	64.2	37.0	54.7	91.5	1.73
15/12-11S	97009-145	2120.0	2120.0	Cuttings	18.1	5.2	39.9	30.1	19.7	28.8	84.0	1.53
15/12-11S	97009-146	2130.0	2130.0	Cuttings	16.7	3.8	5.6	2.6	3.5	4.4	48.2	0.75
15/12-11S	97009-147	2140.0	2140.0	Cuttings	13.2	2.6	4.7	2.5	3.1	3.3	49.6	0.82
15/12-11S	97009-148	2150.0	2150.0	Cuttings	13.5	1.6	3.9	1.9	2.4	3.4	42.1	0.81
15/12-11S	97009-149	2160.0	2160.0	Cuttings	12.0	0.9	3.6	2.8	2.7	2.9	45.4	1.01
15/12-11S	97009-150	2170.0	2170.0	Cuttings	12.8	1.4	4.3	3.0	3.5	3.1	48.7	0.85
15/12-11S	97009-151	2180.0	2180.0	Cuttings	24.4	8.1	13.8	6.5	9.0	5.0	60.5	0.72
15/12-11S	97009-152	2190.0	2190.0	Cuttings	13.7	2.2	4.8	3.4	4.1	3.6	51.7	0.84
15/12-11S	97009-153	2200.0	2200.0	Cuttings	14.8	2.9	5.4	3.2	4.6	3.8	52.2	0.70
15/12-11S	97009-154	2210.0	2210.0	Cuttings	10.9	1.2	4.7	3.6	4.8	3.1	56.8	0.76
15/12-11S	97009-155	2220.0	2220.0	Cuttings	13.9	2.8	7.7	4.1	5.8	4.7	59.5	0.72
15/12-11S	97009-156	2230.0	2230.0	Cuttings	16.1	4.1	6.8	3.7	6.1	4.7	56.1	0.60
15/12-11S	97009-157	2240.0	2240.0	Cuttings	11.6	2.8	5.4	2.7	4.4	4.1	56.9	0.60
15/12-11S	97009-158	2250.0	2250.0	Cuttings	13.2	2.4	6.6	5.1	7.4	7.2	61.9	0.68
15/12-11S	97009-159	2260.0	2260.0	Cuttings	11.3	2.1	7.0	5.8	7.7	7.7	66.7	0.76
15/12-11S	97009-160	2270.0	2270.0	Cuttings	16.0	2.5	8.9	8.8	10.9	12.2	66.0	0.81
15/12-11S	97009-161	2280.0	2280.0	Cuttings	27.7	11.4	25.7	17.4	19.9	22.4	72.9	0.88
15/12-11S	97009-162	2290.0	2290.0	Cuttings	14.7	2.7	9.9	6.6	7.5	7.7	64.6	0.88

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	97009-163	2300.0	2300.0	Cuttings	24.1	8.4	40.3	26.8	20.8	21.5	80.0	1.29
15/12-11S	97009-164	2310.0	2310.0	Cuttings	14.4	3.2	12.0	11.4	12.7	12.7	73.1	0.90
15/12-11S	97009-165	2320.0	2320.0	Cuttings	11.7	1.2	5.7	3.7	4.8	5.5	56.8	0.78
15/12-11S	97009-166	2330.0	2330.0	Cuttings	13.4	2.7	3.2	0.8	2.1	1.3	39.5	0.40
15/12-11S	97009-167	2340.0	2340.0	Cuttings	11.6	2.1	4.2	1.6	2.9	2.3	48.1	0.55
15/12-11S	97009-168	2350.0	2350.0	Cuttings	13.1	1.5	2.5	0.8	2.0	1.5	34.0	0.42
15/12-11S	97009-169	2360.0	2360.0	Cuttings	13.9	2.7	5.0	2.0	3.3	2.7	48.4	0.61
15/12-11S	97009-170	2370.0	2370.0	Cuttings	12.4	1.5	4.2	2.5	3.6	2.8	48.8	0.70
15/12-11S	97009-171	2380.0	2380.0	Cuttings	11.1	2.4	8.3	6.5	6.6	5.3	68.3	0.98
15/12-11S	97009-172	2390.0	2390.0	Cuttings	8.7	0.9	6.4	6.6	6.0	5.5	69.7	1.09
15/12-11S	97009-173	2400.0	2400.0	Cuttings	17.7	5.4	14.8	14.4	13.5	13.3	73.1	1.07
15/12-11S	97009-174	2410.0	2410.0	Cuttings	14.7	2.9	10.3	11.0	10.7	12.0	70.3	1.03
15/12-11S	97009-175	2430.0	2430.0	Cuttings	11.0	4.0	34.6	30.9	25.6	28.8	89.6	1.20
15/12-11S	97009-176	2440.0	2440.0	Cuttings	15.6	8.2	61.3	52.1	44.9	51.9	91.4	1.16
15/12-11S	97009-177	2450.0	2450.0	Cuttings	12.7	7.6	54.3	41.5	41.8	48.4	92.0	0.99
15/12-11S	97009-178	2470.0	2470.0	Cuttings	10.0	14.3	107.8	67.6	73.5	73.9	96.3	0.92
15/12-11S	97009-179	2480.0	2480.0	Cuttings	16.0	12.6	94.6	62.0	77.2	71.4	93.9	0.80
15/12-11S	97009-180	2490.0	2490.0	Cuttings	14.7	3.2	20.5	15.6	26.6	22.2	81.7	0.59
15/12-11S	97009-181	2500.0	2500.0	Cuttings	11.1	2.5	18.1	12.8	30.6	17.8	85.2	0.42
15/12-11S	97009-182	2510.0	2510.0	Cuttings	13.9	2.4	8.0	4.7	12.1	7.7	66.2	0.39
15/12-11S	97009-183	2520.0	2520.0	Cuttings	15.7	3.5	4.8	0.6	4.0	2.8	45.2	0.15
15/12-11S	97009-184	2530.0	2530.0	Cuttings	15.8	15.4	144.7	59.4	205.2	125.8	96.4	0.29
15/12-11S	97009-185	2540.0	2540.0	Cuttings	25.6	18.4	232.4	111.0	380.9	249.2	96.7	0.29
15/12-11S	97009-186	2550.0	2550.0	Cuttings	28.1	15.1	198.5	110.7	414.5	330.2	96.3	0.27
15/12-11S	97009-187	2560.0	2560.0	Cuttings	22.7	9.2	113.5	66.1	253.1	210.5	95.1	0.26
15/12-11S	97009-188	2570.0	2570.0	Cuttings	35.4	27.0	299.1	160.7	594.7	495.2	96.8	0.27
15/12-11S	97009-189	2580.0	2580.0	Cuttings	30.6	19.2	194.8	95.4	357.5	290.1	95.6	0.27
15/12-11S	97009-190	2590.0	2590.0	Cuttings	33.2	18.0	203.3	98.7	389.4	345.4	95.5	0.25
15/12-11S	97009-191	2600.0	2600.0	Cuttings	38.6	18.3	228.9	110.4	454.6	431.0	95.5	0.24
15/12-11S	97009-192	2610.0	2610.0	Cuttings	41.0	21.4	198.5	102.5	445.0	423.3	94.9	0.23
15/12-11S	97009-193	2620.0	2620.0	Cuttings	35.6	9.4	54.4	19.4	116.3	99.8	84.9	0.17
15/12-11S	97009-194	2630.0	2630.0	Cuttings	22.3	7.2	13.3	2.8	17.4	10.3	64.6	0.16
15/12-11S	97009-195	2640.0	2640.0	Cuttings	28.9	15.0	14.7	1.3	11.4	2.7	59.4	0.12
15/12-11S	97009-196	2650.0	2650.0	Cuttings	29.8	9.8	14.1	1.9	12.3	6.6	56.2	0.16
15/12-11S	97009-197	2660.0	2660.0	Cuttings	16.7	3.6	10.4	1.6	11.9	4.5	62.3	0.13
15/12-11S	97009-198	2670.0	2670.0	Cuttings	28.3	7.5	8.9	1.2	9.6	2.1	49.1	0.13
15/12-11S	97009-199	2680.0	2680.0	Cuttings	23.6	6.8	12.2	0.7	8.9	2.0	54.9	0.08
15/12-11S	97009-200	2690.0	2690.0	Cuttings	29.0	10.2	18.7	3.9	27.1	11.5	67.4	0.15
15/12-11S	97009-201	2700.0	2700.0	Cuttings	33.0	8.9	48.8	26.5	71.0	61.7	82.5	0.37
15/12-11S	97009-202	2710.0	2710.0	Cuttings	89.2	11.1	48.3	21.3	87.4	56.3	65.3	0.24
15/12-11S	97009-203	2720.0	2720.0	Cuttings	47.0	7.2	29.7	10.5	47.5	26.1	66.9	0.22
15/12-11S	97009-204	2730.0	2730.0	Cuttings	28.5	12.2	35.1	11.5	40.5	21.1	77.7	0.28
15/12-11S	97009-205	2740.0	2740.0	Cuttings	39.8	10.4	46.2	15.5	82.3	39.5	79.5	0.19
15/12-11S	97009-206	2750.0	2750.0	Cuttings	31.6	9.7	43.2	13.7	59.9	25.1	80.0	0.23
15/12-11S	97009-207	2760.0	2760.0	Cuttings	60.8	15.3	39.0	15.1	88.9	34.8	72.2	0.17
15/12-11S	97009-208	2770.0	2770.0	Cuttings	38.3	9.8	25.4	10.0	52.9	21.8	71.9	0.19
15/12-11S	97009-209	2780.0	2780.0	Cuttings	115.1	39.3	38.5	7.9	50.2	16.4	54.2	0.16
15/12-11S	97009-210	2790.0	2790.0	Cuttings	50.0	17.0	52.9	16.8	83.1	32.9	77.3	0.20
15/12-11S	97009-211	2800.0	2800.0	Cuttings	107.7	32.9	37.4	9.9	46.9	19.4	54.1	0.21
15/12-11S	97009-212	2810.0	2810.0	Cuttings	34.2	14.8	27.1	5.5	30.1	11.4	69.4	0.18
15/12-11S	97009-213	2830.0	2830.0	Cuttings	56.7	16.3	20.8	3.3	20.3	6.7	51.7	0.16
15/12-11S	97009-214	2840.0	2840.0	Cuttings	32.7	13.3	15.8	2.7	15.0	7.0	58.9	0.18
15/12-11S	97009-215	2850.0	2850.0	Cuttings	28.2	13.8	16.8	1.3	7.4	2.9	58.2	0.17
15/12-11S	97009-216	2860.0	2860.0	Cuttings	38.5	16.6	14.6	1.6	8.4	1.3	51.6	0.19

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	97009-217	2870.0	2870.0	Cuttings	22.7	8.9	7.1	0.7	3.1	1.2	46.6	0.23
15/12-11S	97009-218	2880.0	2880.0	Cuttings	27.4	17.1	15.8	2.5	9.6	5.3	62.1	0.26
15/12-11S	97009-219	2890.0	2890.0	Cuttings	21.5	12.3	14.5	1.5	6.3	1.1	61.6	0.23
15/12-11S	97009-220	2900.0	2900.0	Cuttings	14.0	4.0	3.1	0.7	2.0	0.6	41.2	0.34
15/12-11S	97009-221	2910.0	2910.0	Cuttings	15.4	3.6	3.9	0.8	1.9		39.8	0.40
15/12-11S	97009-222	2920.0	2920.0	Cuttings	14.3	5.1	2.8	1.1	2.9		45.4	0.38
15/12-11S	97009-223	2930.0	2930.0	Cuttings	28.1	10.7	6.9	1.2	4.0		44.7	0.30
15/12-11S	97009-224	2940.0	2940.0	Cuttings	15.0	5.1	3.2		1.3		39.0	
15/12-11S	97009-225	2950.0	2950.0	Cuttings	19.9	7.5	5.2	0.7	2.8		44.7	0.24
15/12-11S	97009-226	2960.0	2960.0	Cuttings	16.3	7.0	6.4		1.9		48.5	
15/12-11S	97009-227	2970.0	2970.0	Cuttings	20.3	7.4	5.5		2.2		42.8	
15/12-11S	97009-228	2980.0	2980.0	Cuttings	21.8	7.4	5.0	0.7	4.2		44.3	0.17
15/12-11S	97009-229	2990.0	2990.0	Cuttings	27.1	6.0	5.2	1.2	2.5		35.3	0.47
15/12-11S	97009-230	3000.0	3000.0	Cuttings	16.9	5.9	4.2	0.6	2.5		44.0	0.26
15/12-11S	97009-231	3010.0	3010.0	Cuttings	21.0	7.7	5.1	0.6	2.8		43.5	0.21
15/12-11S	97009-232	3020.0	3020.0	Cuttings	12.2	2.5	2.5	0.3	1.0		34.0	0.26
15/12-11S	97009-233	3030.0	3030.0	Cuttings	19.3	4.4	3.3		0.8		30.5	
15/12-11S	97009-234	3040.0	3040.0	Cuttings	12.0	2.9	2.0	0.8	1.7		37.7	0.46
15/12-11S	97009-235	3050.0	3050.0	Cuttings	19.4	5.5	4.4	0.5	2.7		40.3	0.18
15/12-11S	97009-236	3060.0	3060.0	Cuttings	20.7	5.7	3.6	0.6	2.0		36.4	0.31
15/12-11S	97009-237	3070.0	3070.0	Cuttings	30.7	10.9	7.3	0.8	4.4		43.3	0.19
15/12-11S	97009-238	3080.0	3080.0	Cuttings	23.2	8.4	5.7	0.7	3.1		43.6	0.21
15/12-11S	97009-239	3090.0	3090.0	Cuttings	26.8	12.2	10.1	1.0	4.7	1.0	51.0	0.21
15/12-11S	97009-240	3100.0	3100.0	Cuttings	27.8	11.9	8.7	1.8	4.5	0.9	49.2	0.41
15/12-11S	97009-241	3110.0	3110.0	Cuttings	30.2	8.2	5.3	3.2	2.6	2.5	39.0	1.21
15/12-11S	97009-242	3120.0	3120.0	Cuttings	24.7	7.9	4.4	1.9	3.0	0.4	41.0	0.63
15/12-11S	97009-243	3130.0	3130.0	Cuttings	23.9	9.0	7.3	1.6	3.1	2.2	46.7	0.52
15/12-11S	97009-244	3140.0	3140.0	Cuttings	19.1	4.2	25.6	4.1	22.5	2.8	74.7	0.18
15/12-11S	97009-245	3150.0	3150.0	Cuttings	23.4	6.0	4.7	1.9	1.4	1.7	37.4	1.35
15/12-11S	97009-246	3160.0	3160.0	Cuttings	66.6	35.4	29.1	7.1	17.5	4.8	57.2	0.40
15/12-11S	97009-247	3170.0	3170.0	Cuttings	26.3	6.3	6.1	2.3	6.3	1.8	44.3	0.37
15/12-11S	97009-248	3180.0	3180.0	Cuttings	24.7	7.6	10.2	2.7	12.1	3.2	56.9	0.22
15/12-11S	97009-249	3190.0	3190.0	Cuttings	18.7	5.0	6.5	2.9	11.7	3.3	58.3	0.24
15/12-11S	97009-250	3200.0	3200.0	Cuttings	28.8	12.5	10.8	2.5	8.6	2.5	54.3	0.29
15/12-11S	97009-251	3210.0	3210.0	Cuttings	25.8	11.3	7.3	1.3	4.8		49.0	0.27
15/12-11S	97009-252	3220.0	3220.0	Cuttings	18.9	5.5	6.0	2.7	4.5	1.7	49.7	0.60
15/12-11S	97009-253	3230.0	3230.0	Cuttings	32.5	11.4	15.0	3.9	33.9	14.2	66.4	0.12
15/12-11S	97009-254	3240.0	3240.0	Cuttings	18.5	7.5	6.5	0.9	3.1		49.4	0.30
15/12-11S	97009-255	3249.0	3249.0	Cuttings	10.9	23.5	407.0	212.7	716.2	440.7	99.2	0.30
15/12-11S	97009-256	3258.0	3258.0	Cuttings	4.7	18.9	453.8	216.5	750.9	394.2	99.7	0.29
15/12-11S	97009-257	3276.0	3276.0	Cuttings	4.9	7.7	186.8	92.7	413.0	250.9	99.3	0.22
15/12-11S	97009-258	3285.0	3285.0	Cuttings	5.3	9.9	220.9	103.4	457.6	246.7	99.3	0.23
15/12-11S	97009-259	3294.0	3294.0	Cuttings	4.1	15.7	302.5	128.1	529.5	273.3	99.6	0.24
15/12-11S	97009-260	3303.0	3303.0	Cuttings	11.9	6.8	18.2	9.5	63.4	53.6	89.1	0.15
15/12-11S	97009-261	3312.0	3312.0	Cuttings	6.1	33.7	527.7	196.0	694.3	292.9	99.6	0.28
15/12-11S	97009-262	3321.0	3321.0	Cuttings	12.3	65.7	639.2	230.6	740.1	305.1	99.3	0.31
15/12-11S	97009-263	3330.0	3330.0	Cuttings	82.2	114.5	1369.2	453.3	2355.6	1219.9	98.1	0.19
15/12-11S	97009-264	3339.0	3339.0	Cuttings	56.8	104.2	1493.6	408.2	2259.6	1010.8	98.7	0.18
15/12-11S	97009-265	3348.0	3348.0	Cuttings	58.4	240.5	2033.3	449.4	2104.7	641.8	98.8	0.21
15/12-11S	97009-266	3357.0	3357.0	Cuttings	44.0	169.5	1725.2	441.0	1923.8	630.3	99.0	0.23
15/12-11S	97009-267	3366.0	3366.0	Cuttings	65.9	199.6	1498.4	396.3	1538.1	484.8	98.2	0.26
15/12-11S	97009-268	3375.0	3375.0	Cuttings	46.3	169.7	2071.9	660.5	2233.4	744.6	99.1	0.30
15/12-11S	97009-269	3384.0	3384.0	Cuttings	191.1	1584.4	6173.7	1835.8	4404.5	1360.8	98.7	0.42
15/12-11S	97009-270	3393.0	3393.0	Cuttings	16.3	118.2	499.4	152.0	321.0	110.6	98.5	0.47
15/12-11S	97009-271	3429.0	3429.0	Cuttings	5.4	111.3	435.0	110.2	114.6	46.9	99.3	0.96
15/12-11S	97009-272	3438.0	3438.0	Cuttings	64.7	434.3	701.0	188.4	161.7	70.4	95.8	1.17
15/12-11S	97009-273	3447.0	3447.0	Cuttings	2.9	23.4	106.7	24.2	32.6	16.5	98.5	0.74
15/12-11S	97009-274	3456.0	3456.0	Cuttings	4.3	38.3	217.3	69.9	78.0	53.3	98.9	0.90

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	97009-275	3465.0	3465.0	Cuttings	3.1	2.5	30.5	14.0	20.0	17.0	95.5	0.70
15/12-11S	97009-276	3474.0	3474.0	Cuttings	1.8	1.9	25.8	17.9	26.4	25.0	97.6	0.68
15/12-11S	97009-277	3483.0	3483.0	Cuttings	211.8	630.4	870.6	210.1	297.8	90.6	90.5	0.71
15/12-11S	97009-278	3492.0	3492.0	Cuttings	242.4	738.2	1031.8	262.8	360.6	112.4	90.8	0.73
15/12-11S	97009-279	3501.0	3501.0	Cuttings	7.3	98.9	661.4	283.1	510.7	216.1	99.5	0.55
15/12-11S	97009-280	3510.0	3510.0	Cuttings	81.8	321.5	857.3	306.3	506.1	204.7	96.1	0.61
15/12-11S	97009-281	3519.0	3519.0	Cuttings	1150.7	1953.9	2372.5	726.0	916.2	323.9	83.8	0.79
15/12-11S	97009-282	3528.0	3528.0	Cuttings	38.3	376.1	904.4	275.3	393.5	164.9	98.1	0.70
15/12-11S	97009-283	3537.0	3537.0	Cuttings	4.9	17.9	77.4	15.5	35.1	17.6	96.8	0.44
15/12-11S	97009-284	3546.0	3546.0	Cuttings	4.2	9.2	57.1	8.7	20.6	7.1	95.8	0.42
15/12-11S	97009-285	3555.0	3555.0	Cuttings	2.3	4.7	18.6	2.6	6.8	2.9	93.4	0.39
15/12-11S	97009-286	3564.0	3564.0	Cuttings	1.7	1.2	5.3	1.0	2.7	1.0	85.5	0.38
15/12-11S	97009-287	3573.0	3573.0	Cuttings	3.0	1.5	3.4	0.6	1.2	0.4	68.7	0.52
15/12-11S	97009-288	3582.0	3582.0	Cuttings	24.5	11.5	38.1	7.8	17.9	4.4	75.4	0.43
15/12-11S	97009-289	3591.0	3591.0	Cuttings	40.3	16.6	28.0	1.5	7.4	1.6	57.0	0.21

GAS ISOTOPE DATA (Table 5)

Well	Nation	Sample Name	Upper Depth	Lower Depth	Sample Type	C1	C2	C3	iC4	nC4	iC5	nC5	CO2
						del C 13	del C 13	del C 13	del C 13	del C 13	del C 13	del C 13	del C 13
15/12-11S	NOR	97009-161	2280.0	2280.0	Cuttings	-64.0	-34.1	-29.6					-21.6
15/12-11S	NOR	97009-192	2610.0	2610.0	Cuttings	-48.0	-30.6	-31.9	-30.1	-31.1	-26.8	-31.3	-22.1
15/12-11S	NOR	97009-201	2700.0	2700.0	Cuttings	-59.0	-32.2	-32.5	-30.8	-31.4			-23.1
15/12-11S	NOR	97009-210	2790.0	2790.0	Cuttings	-46.0	-28.1	-29.1		-29.7			-19.3
15/12-11S	NOR	97009-256	3258.0	3258.0	Cuttings	-41.0	-31.8	-31.3	-30.5	-29.4	-26.5	-29.2	-15.7
15/12-11S	NOR	97009-261	3312.0	3312.0	Cuttings	-45.0	-34.4	-31.7	-30.5	-29.4	-26.7	-29.2	-28.0
15/12-11S	NOR	97009-262	3321.0	3321.0	Cuttings	-44.0	-33.4	-31.1	-29.7	-29.9	-26.2	-28.3	-27.0
15/12-11S	NOR	97009-269	3384.0	3384.0	Cuttings	-34.0	-28.8	-28.2	-24.5	-26.3	-23.7	-26.0	-26.4
15/12-11S	NOR	97009-271	3429.0	3429.0	Cuttings	-43.0	-30.3	-27.3	-25.3	-27.1	-25.6		-27.6
15/12-11S	NOR	97009-279	3501.0	3501.0	Cuttings	-43.0	-29.8	-28.1	-26.3	-28.4	-25.9	-27.9	-28.0
15/12-11S	NOR	97009-281	3519.0	3519.0	Cuttings	-38.0	-28.8	-27.2	-24.8	-27.1	-24.4		-22.5
15/12-11S	NOR	97009-285	3555.0	3555.0	Cuttings	-40.0	-29.1	-27.6	-26.2	-28.8		-26.2	-28.2

Lithology Descriptions (Table 6)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Description
15/12-11S	97009-1	410.0	410.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst lt gy, calc + mnr Clyst pa gy, calc + tr Lst wht
15/12-11S	97009-2	420.0	420.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc + tr Lst, wht
15/12-11S	97009-3	440.0	440.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, pa gy, calc
15/12-11S	97009-4	450.0	450.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-5	460.0	460.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-6	470.0	470.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc
15/12-11S	97009-7	480.0	480.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc
15/12-11S	97009-8	500.0	500.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt olv gy, calc
15/12-11S	97009-9	510.0	510.0	Cuttings	Clyst, lt gy, calc + 30% Clyst, lt olv gy, calc
15/12-11S	97009-10	520.0	520.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc
15/12-11S	97009-11	540.0	540.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc
15/12-11S	97009-12	550.0	550.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc
15/12-11S	97009-13	560.0	560.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc
15/12-11S	97009-14	570.0	570.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + mnr Clyst, lt gy, calc
15/12-11S	97009-15	580.0	580.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + mnr Clyst, lt gy, calc
15/12-11S	97009-16	620.0	620.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Clyst, lt gy, calc + mnr Clyst, v lt gy, calc
15/12-11S	97009-17	630.0	630.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + 10% Clyst, brn gy, calc
15/12-11S	97009-18	640.0	640.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, calc + 10% Clyst, brn gy, calc
15/12-11S	97009-19	650.0	650.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + 10% Clyst, brn gy, calc
15/12-11S	97009-20	670.0	670.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + 10% Clyst, brn gy, calc
15/12-11S	97009-21	680.0	680.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc
15/12-11S	97009-22	690.0	690.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc
15/12-11S	97009-23	700.0	700.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, brn gy, calc
15/12-11S	97009-24	710.0	710.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + tr Clyst, brn gy, calc
15/12-11S	97009-25	720.0	720.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + tr Clyst, brn gy, calc
15/12-11S	97009-26	730.0	730.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + tr Clyst, brn gy, calc
15/12-11S	97009-27	740.0	740.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + tr Clyst, lt brn gy, calc
15/12-11S	97009-28	750.0	750.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-29	760.0	760.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-30	770.0	770.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-31	780.0	780.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + tr Clyst, brn gy, calc

Lithology Descriptions (Table 6)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Description
15/12-11S	97009-32	790.0	790.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + tr Clyst, brn gy, calc
15/12-11S	97009-33	830.0	830.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, lt gy, calc + tr Clyst, brn gy, calc
15/12-11S	97009-34	840.0	840.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, brn gy, calc
15/12-11S	97009-35	850.0	850.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-36	860.0	860.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-37	870.0	870.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-38	880.0	880.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-39	890.0	890.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-40	900.0	900.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-41	910.0	910.0	Cuttings	Clyst, lt olv gy, calc + 30% Clyst, brn gy, calc + tr Clyst, lt gy, calc + tr Clyst, pa yel brn, calc
15/12-11S	97009-42	920.0	920.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Clyst, lt gy, + tr Clyst, pk gy, calc
15/12-11S	97009-43	930.0	930.0	Cuttings	Clyst, lt olv gy, calc + 30% Clyst, brn gy, calc + 20% Clyst, lt gy, calc
15/12-11S	97009-44	940.0	940.0	Cuttings	Clyst, lt olv gy, calc + 30% Clyst, brn gy, calc + 20% Clyst, lt gy, calc + tr Clyst, pk gy, calc
15/12-11S	97009-45	950.0	950.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc
15/12-11S	97009-46	960.0	960.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + mnr Clyst, pk gy, calc
15/12-11S	97009-47	970.0	970.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt gy, calc + tr Clyst, pk gy, calc
15/12-11S	97009-48	980.0	980.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, v lt gy, calc
15/12-11S	97009-49	990.0	990.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, v lt gy, calc + mnr Clyst, lt olv gy, calc
15/12-11S	97009-50	1000.0	1000.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, v lt gy, calc + mnr Clyst, lt olv gy, calc
15/12-11S	97009-51	1010.0	1010.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + mnr Clyst, v lt gy, calc
15/12-11S	97009-52	1020.0	1020.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, v lt gy, calc
15/12-11S	97009-53	1030.0	1030.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt gy, calc + tr Clyst, v lt gy, calc
15/12-11S	97009-54	1040.0	1040.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt gy, calc + tr Clyst, v lt gy, calc
15/12-11S	97009-55	1050.0	1050.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt gy, calc + 20% Clyst, v lt gy, calc + tr Clyst, lt olv gy, calc
15/12-11S	97009-56	1060.0	1060.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, v lt gy, calc
15/12-11S	97009-57	1070.0	1070.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, v lt gy, calc
15/12-11S	97009-58	1080.0	1080.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + 10% Clyst, v lt gy, calc
15/12-11S	97009-59	1090.0	1090.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, v lt gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-60	1100.0	1100.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 20% Clyst, v lt gy, calc + tr Clyst, lt gy, calc
15/12-11S	97009-61	1120.0	1120.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, v lt gy, calc + tr Clyst, olv gy, calc
15/12-11S	97009-62	1130.0	1130.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, v lt gy, calc

Lithology Descriptions (Table 6)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Description
15/12-11S	97009-63	1140.0	1140.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, v lt gy, calc
15/12-11S	97009-64	1150.0	1150.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + tr Clyst, v lt gy
15/12-11S	97009-65	1160.0	1160.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + mnr Sh, olv blk + tr Clyst, lt gy
15/12-11S	97009-66	1170.0	1170.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + 20% Sh, olv blk + tr Clyst, lt gy
15/12-11S	97009-67	1180.0	1180.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt gy, calc + 20% Sh, olv blk + tr Clyst, lt olv gy, calc
15/12-11S	97009-68	1190.0	1190.0	Cuttings	Clyst, lt gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk + tr Clyst, lt olv gy, calc
15/12-11S	97009-69	1200.0	1200.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 20% Sh, olv blk + 10% Clyst, lt gy, calc
15/12-11S	97009-70	1210.0	1210.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk + 10% Clyst, lt gy, calc
15/12-11S	97009-71	1220.0	1220.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk + 10% Clyst, lt gy, calc + tr Clyst, v lt gy
15/12-11S	97009-72	1230.0	1230.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk + 10% Clyst, lt gy, calc + tr Clyst, v lt gy
15/12-11S	97009-73	1240.0	1240.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk + 10% Clyst, lt gy, calc + tr Clyst, v lt gy
15/12-11S	97009-74	1250.0	1250.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk + tr Clyst, lt gy, calc
15/12-11S	97009-75	1260.0	1260.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Sh, olv blk + tr Clyst, lt gy, calc
15/12-11S	97009-76	1270.0	1270.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk + tr Clyst, lt gy, calc
15/12-11S	97009-77	1280.0	1280.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + tr Sh, olv blk
15/12-11S	97009-78	1300.0	1300.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 20% Sh, olv blk
15/12-11S	97009-79	1310.0	1310.0	Cuttings	Sh, olv blk + 20% Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc
15/12-11S	97009-80	1330.0	1330.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + 10% Sh, olv blk
15/12-11S	97009-81	1340.0	1340.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk
15/12-11S	97009-82	1350.0	1350.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + 10% Sh, olv blk
15/12-11S	97009-83	1360.0	1360.0	Cuttings	Clyst, lt olv gy, calc + 20% Clyst, brn gy, calc + 10% Sh, olv blk
15/12-11S	97009-84	1370.0	1370.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + 10% Sh, olv blk
15/12-11S	97009-85	1380.0	1380.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + 10% Sh, olv blk
15/12-11S	97009-86	1390.0	1390.0	Cuttings	Clyst, brn gy, calc + 20% Clyst, lt olv gy, calc + 20% Sh, olv blk
15/12-11S	97009-87	1400.0	1400.0	Cuttings	Sh, olv blk + tr Clyst, lt olv gy
15/12-11S	97009-88	1410.0	1410.0	Cuttings	Sh, olv blk + 50% Sh, brn blk
15/12-11S	97009-89	1430.0	1430.0	Cuttings	Sh, olv blk + 50% Sh, brn blk
15/12-11S	97009-90	1440.0	1440.0	Cuttings	Sh, olv blk + 50% Sh, brn blk
15/12-11S	97009-91	1460.0	1460.0	Cuttings	Sh, olv blk + 50% Sh, brn blk
15/12-11S	97009-92	1490.0	1490.0	Cuttings	Sh, olv blk + 50% Sh, brn blk
15/12-11S	97009-93	1500.0	1500.0	Cuttings	Sh, olv blk + 50% Sh, brn blk

Lithology Descriptions (Table 6)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Description
15/12-11S	97009-94	1520.0	1520.0	Cuttings	Sh, olv blk + 50% Sh, brn blk
15/12-11S	97009-95	1540.0	1540.0	Cuttings	Sh, olv blk + 50% Sh, brn blk
15/12-11S	97009-96	1560.0	1560.0	Cuttings	Sh, olv blk + 50% Sh, brn blk
15/12-11S	97009-97	1580.0	1580.0	Cuttings	Sh, brn gy + 20% olv blk + 20% Sh, brn blk
15/12-11S	97009-98	1590.0	1590.0	Cuttings	Sh, brn gy + 20% olv blk + 20% Sh, brn blk
15/12-11S	97009-99	1610.0	1610.0	Cuttings	Sh, brn gy + 20% olv blk + 20% Sh, brn blk
15/12-11S	97009-100	1620.0	1620.0	Cuttings	Sh, brn gy + 20% olv blk + 20% Sh, brn blk
15/12-11S	97009-101	1650.0	1650.0	Cuttings	Sh, brn gy + 20% Sh, brn blk + tr Sh, olv gy + tr Lst, pk gy
15/12-11S	97009-102	1660.0	1660.0	Cuttings	Sh, brn gy + 20% Sh, brn blk + tr Sh, olv gy + tr Lst, pk gy
15/12-11S	97009-103	1670.0	1670.0	Cuttings	Sh, brn gy + 20% Sh, olv gy + 10% Sh, brn blk + tr Lst, pk gy
15/12-11S	97009-104	1690.0	1690.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy, calc + 10% Sh, olv gy + tr Lst, pk gy
15/12-11S	97009-105	1700.0	1700.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy, calc + 10% Sh, olv gy + mnr Lst, pk gy
15/12-11S	97009-106	1720.0	1720.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy, calc + mnr Sh, olv gy + tr Lst, pk gy
15/12-11S	97009-107	1730.0	1730.0	Cuttings	Sh, lt olv gy + 20% Sh, brn gy + 10% Sh, olv gy + tr Sh, olv blk + tr Lst, pk gy
15/12-11S	97009-108	1740.0	1740.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy + 10% Sh, olv gy + tr Lst, pk gy
15/12-11S	97009-109	1750.0	1750.0	Cuttings	Sh, lt olv gy + 20% Sh, brn gy + tr Lst, pk gy
15/12-11S	97009-110	1760.0	1760.0	Cuttings	Sh, lt olv gy + 20% Sh, brn gy + tr Lst, v lt gy
15/12-11S	97009-111	1770.0	1770.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy + tr Lst, pk gy
15/12-11S	97009-112	1780.0	1780.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy
15/12-11S	97009-113	1790.0	1790.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy
15/12-11S	97009-114	1800.0	1800.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy
15/12-11S	97009-115	1810.0	1810.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy
15/12-11S	97009-116	1820.0	1820.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy
15/12-11S	97009-117	1830.0	1830.0	Cuttings	Sh, brn gy + 20% Sh, lt olv gy + tr Lst, pk gy
15/12-11S	97009-118	1840.0	1840.0	Cuttings	Sh, olv gy + 20% Sh, brn gy + tr Lst, pk gy
15/12-11S	97009-119	1850.0	1850.0	Cuttings	Sh, olv gy + 20% Sh, brn gy + tr Lst, pk gy
15/12-11S	97009-120	1860.0	1860.0	Cuttings	Sh, olv gy + 20% Sh, brn gy + tr Lst, pk gy
15/12-11S	97009-121	1870.0	1870.0	Cuttings	Sh, brn gy + 20% Sh, olv gy + tr Lst, pk gy
15/12-11S	97009-122	1880.0	1880.0	Cuttings	Sh, brn gy + 20% Sh, olv gy + mnr Lst, pk gy + tr Cyst, lt olv gy
15/12-11S	97009-123	1900.0	1900.0	Cuttings	Sh, brn gy + 20% Sh, olv gy + tr Lst, pk gy + tr Cyst, lt olv gy
15/12-11S	97009-124	1910.0	1910.0	Cuttings	Sh, brn gy + 20% Sh, olv gy + tr Lst, pk gy
15/12-11S	97009-125	1920.0	1920.0	Cuttings	Sh, olv gy + 20% Sh, brn gy

Lithology Descriptions (Table 6)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Description
15/12-11S	97009-126	1930.0	1930.0	Cuttings	Sh, olv gy + 20% Sh, brn gy
15/12-11S	97009-127	1940.0	1940.0	Cuttings	Sh, olv gy + 20% Sh, brn gy
15/12-11S	97009-128	1950.0	1950.0	Cuttings	Sh, olv gy + 20% Sh, brn gy + tr Lst, pk gy
15/12-11S	97009-129	1960.0	1960.0	Cuttings	Sh, olv gy + 20% Sh, brn gy + tr Lst, pk gy
15/12-11S	97009-130	1970.0	1970.0	Cuttings	Sh, olv gy + 50% Sh, brn gy
15/12-11S	97009-131	1980.0	1980.0	Cuttings	Sh, olv gy + 50% Sh, brn gy
15/12-11S	97009-132	1990.0	1990.0	Cuttings	Sh, olv gy + 50% Sh, brn gy + tr Sh, olv blk
15/12-11S	97009-133	2000.0	2000.0	Cuttings	Sh, olv blk + 20% Sh, brn gy + 20% Sh, olv gy
15/12-11S	97009-134	2010.0	2010.0	Cuttings	Sh, olv blk + 20% Sh, brn gy + 20% Sh, olv gy
15/12-11S	97009-135	2020.0	2020.0	Cuttings	Sh, brn gy + 20% Sh, olv blk + 20% Sh, olv gy + tr Lst, pa yel brn
15/12-11S	97009-136	2030.0	2030.0	Cuttings	Sh, brn gy + 20% Sh, olv blk + 20% Sh, olv gy + tr Lst, pa yel brn
15/12-11S	97009-137	2040.0	2040.0	Cuttings	Sh, olv blk + 20% Sh, brn gy + 20% Sh, olv gy + 10% Lst, pa yel brn
15/12-11S	97009-138	2050.0	2050.0	Cuttings	Sh, olv blk + 20% Sh, brn gy + 20% Sh, olv gy + 10% Lst, pa yel brn
15/12-11S	97009-139	2060.0	2060.0	Cuttings	Sh, olv gy + 20% Sh, olv blk + 20% Sh, brn gy + tr Lst, pa yel brn
15/12-11S	97009-140	2070.0	2070.0	Cuttings	Sh, brn gy + 20% Sh, olv blk + 20% Sh, olv gy + tr Lst, pa yel brn
15/12-11S	97009-141	2080.0	2080.0	Cuttings	Sh, olv blk + 20% Sh, brn gy + 20% Sh, olv gy + 10% Lst, pa yel brn
15/12-11S	97009-142	2090.0	2090.0	Cuttings	Sh, olv blk + 20% Sh, brn gy + 20% Sh, olv gy + 10% Lst, pa yel brn
15/12-11S	97009-143	2100.0	2100.0	Cuttings	Sh, brn gy + 20% Sh, olv blk + 20% Sh, olv gy + 10% Lst, pa yel brn
15/12-11S	97009-144	2110.0	2110.0	Cuttings	Sh, olv blk + 20% Sh, olv gy + 10% Sh, brn gy + 10% Lst, pa yel brn
15/12-11S	97009-145	2120.0	2120.0	Cuttings	Sh, lt med gy + 20% Sh, olv blk + 10% Lst, pa yel brn
15/12-11S	97009-146	2130.0	2130.0	Cuttings	Sh, lt med gy + tr Sh, olv blk + tr Lst, pa yel brn
15/12-11S	97009-147	2140.0	2140.0	Cuttings	Sh, lt med gy + tr Sh, olv blk + tr Lst, pa yel brn
15/12-11S	97009-148	2150.0	2150.0	Cuttings	Sh, lt med gy + tr Sh, olv blk + tr Lst, pa yel brn
15/12-11S	97009-149	2160.0	2160.0	Cuttings	Sh, lt med gy + 10% Sh, brn gy + tr Sh, olv blk + tr Lst, v lt gy
15/12-11S	97009-150	2170.0	2170.0	Cuttings	Sh, lt med gy + 10% Sh, brn gy + 10% Sh, olv blk + tr Lst, v lt gy
15/12-11S	97009-151	2180.0	2180.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + 20% Sh, olv blk
15/12-11S	97009-152	2190.0	2190.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + 20% Sh, olv blk
15/12-11S	97009-153	2200.0	2200.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + 10% Sh, olv blk
15/12-11S	97009-154	2210.0	2210.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + 20% Sh, olv blk
15/12-11S	97009-155	2220.0	2220.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + tr Sh, olv blk + tr Lst, v lt gy
15/12-11S	97009-156	2230.0	2230.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + tr Sh, olv blk + tr Lst, v lt gy
15/12-11S	97009-157	2240.0	2240.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + 10% Sh, olv blk + tr Lst, v lt gy
15/12-11S	97009-158	2250.0	2250.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + 10% Sh, olv blk + tr Lst, v lt gy

Lithology Descriptions (Table 6)

Well	Sample Name	Upper Depth	Lower Depth	Sample Type	Lithology Description
15/12-11S	97009-159	2260.0	2260.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + 10% Sh, olv blk + 10% Sh, med dk gy + tr Lst, pa yel brn
15/12-11S	97009-160	2270.0	2270.0	Cuttings	Sh, lt med gy + 20% Sh, brn gy + 10% Sh, med dk gy + tr Sh, olv blk + tr Lst, pa yel brn
15/12-11S	97009-161	2280.0	2280.0	Cuttings	Sh, lt med gy + 20% Sh, med dk gy + 10% Sh, brn gy + tr Sh, olv blk + tr Lst, wht
15/12-11S	97009-162	2290.0	2290.0	Cuttings	Sh, lt med gy + 20% Sh, med dk gy + 10% Sh, brn gy + 10% Lst, wht + tr Sh, olv blk
15/12-11S	97009-163	2300.0	2300.0	Cuttings	Sh, lt med gy + 20% Sh, med dk gy + 20% Lst, wht + 10% Sh, brn gy + tr Sh, olv blk + tr Lst, pa yel brn
15/12-11S	97009-164	2310.0	2310.0	Cuttings	Sh, lt med gy + 20% Sh, med dk gy + tr Lst, wht + tr Sh, brn gy + tr Sh, olv blk
15/12-11S	97009-165	2320.0	2320.0	Cuttings	Sh, lt med gy + 20% Sh, med dk gy + tr Lst, wht + tr Sh, brn gy + tr Sh, olv blk
15/12-11S	97009-166	2330.0	2330.0	Cuttings	Sh, med dk gy + 10% Sh, brn gy + tr Sh, lt med gy + tr Lst, pa yel brn
15/12-11S	97009-167	2340.0	2340.0	Cuttings	Sh, med dk gy + 10% Sh, brn gy + tr Sh, lt med gy + tr Sh, olv blk + tr Lst, pa yel brn
15/12-11S	97009-168	2350.0	2350.0	Cuttings	Sh, med dk gy + 10% Sh, brn gy + tr Sh, lt med gy + tr Sh, olv blk + tr Lst, wht
15/12-11S	97009-169	2360.0	2360.0	Cuttings	Sh, med dk gy + 20% Sh, brn gy + tr Sh, lt med gy + tr Lst, pa yel brn
15/12-11S	97009-170	2370.0	2370.0	Cuttings	Sh, med dk gy + 20% Sh, brn gy + 10% Sh, lt med gy + tr Lst, pa yel brn
15/12-11S	97009-171	2380.0	2380.0	Cuttings	Sh, med dk gy + 20% Sh, brn gy + 10% Sh, lt med gy + tr Lst, pa yel brn
15/12-11S	97009-172	2390.0	2390.0	Cuttings	Sh, lt med gy + 20% Sh, med dk gy + 10% Sh, brn gy + 10% Lst, pa yel brn + tr Sh, olv blk
15/12-11S	97009-173	2400.0	2400.0	Cuttings	Sh, med dk gy + 20% Sh, lt med gy + 10% Sh, brn gy + 10% Lst, pa yel brn + tr Sh, olv blk
15/12-11S	97009-174	2410.0	2410.0	Cuttings	Sh, med dk gy + 20% Sh, lt med gy + 10% Sh, brn gy + mnr Lst, pa yel brn
15/12-11S	97009-175	2430.0	2430.0	Cuttings	Sh, med dk gy + 20% Sh, lt med gy + 10% Sh, brn gy + mnr Lst, pa yel brn + tr Sh, olv blk
15/12-11S	97009-176	2440.0	2440.0	Cuttings	Sh, med dk gy + 20% Sh, lt med gy + 10% Sh, brn gy + mnr Lst, pa yel brn + tr Sh, olv blk
15/12-11S	97009-177	2450.0	2450.0	Cuttings	Sh, med dk gy + 20% Sh, brn gy + 10% Sh, lt med gy + 10% Sh, olv blk + tr Lst, pa yel brn
15/12-11S	97009-178	2470.0	2470.0	Cuttings	Sh, med dk gy + 20% Sh, brn gy + 20% Sh, olv blk + 10% Sh, lt med gy + tr Lst, lt gy
15/12-11S	97009-179	2480.0	2480.0	Cuttings	Sh, med dk gy + 20% Sh, brn gy + 20% Sh, olv blk + 10% Sh, lt med gy + tr Lst, pa yel brn
15/12-11S	97009-180	2490.0	2490.0	Cuttings	Sh, med dk gy + 20% Sh, brn gy + 20% Sh, olv blk + 10% Sh, lt med gy + tr Lst, pa yel brn
15/12-11S	97009-181	2500.0	2500.0	Cuttings	Sh, brn gy + 20% Sh, v dsky rd + 20% Sh, grn gy + tr Sh, lt gy + tr Lst, pa gy
15/12-11S	97009-182	2510.0	2510.0	Cuttings	Sh, v dsky rd + 20% Sh, brn gy + 20% Sh, grn gy + 10% Sh, lt gy + tr Lst, pa gy
15/12-11S	97009-183	2520.0	2520.0	Cuttings	Sh, v dsky rd + 20% Sh, grn gy + 20% Sh, lt gy + 10% Sh, brn gy + tr Lst, pa gy
15/12-11S	97009-184	2530.0	2530.0	Cuttings	Sh, med dk gy + 20% Sh, v dsky rd + 20% Sh, grn gy + 20% Sh, lt gy + tr Sh, brn gy + tr Lst, pa gy
15/12-11S	97009-185	2540.0	2540.0	Cuttings	Sh, med dk gy + 20% Sh, lt gy + 10% Sh, v dsky rd + 10% Sh, dk gy + mnr Lst, pa gy
15/12-11S	97009-186	2550.0	2550.0	Cuttings	Sh, lt gy + 20% Sh, med dk gy + 20% Lst, pa gy + tr Sh, dk gy + tr Sh, v dsky rd
15/12-11S	97009-187	2560.0	2560.0	Cuttings	Sh, lt gy + 20% Sh, med dk gy + 20% Lst, pa gy + tr Sh, dk gy + tr Sh, v dsky rd
15/12-11S	97009-188	2570.0	2570.0	Cuttings	Sh, med dk gy + 20% Sh, lt gy + 20% Lst, pa gy + mnr Sh, dk gy + tr Sh, v dsky rd
15/12-11S	97009-189	2580.0	2580.0	Cuttings	Sh, med dk gy + 20% Sh, lt gy + 20% Sh, dk gy + tr Sh, v dsky rd + tr Lst, v lt gy
15/12-11S	97009-190	2590.0	2590.0	Cuttings	Sh, dk gy + 20% Sh, lt gy + 20% Sh, med dk gy + tr Sh, v dsky rd + tr Lst, v lt gy
15/12-11S	97009-191	2600.0	2600.0	Cuttings	Sh, med dk gy + 20% Sh, lt gy + 20% Sh, dk gy + tr Sh, v dsky rd + tr Lst, v lt gy