

Co:	Wellpath Energy	Units:	Feet, °, %/100ft
Drillers:	Dave Waldrum / Charles Vestal	Elevation:	Ma
Well Name:	Matthews 25 Federal # 1	Northing:	
Location:	Loco Hills NM	Easting:	L

Lime Rock Resources: Survey 1

No.	MD	CL	Inc.	AZI	TVD	VS	+N/S-	+E/W-
1	423.00	0.00	0.30	153.20	423.00	1.03	-0.99	0.50
2	453.00	30.00	0.50	157.80	453.00	1.23	-1.18	0.58
3	483.00	30.00	1.40	170.90	482.99	1.72	-1.66	0.69
4	514.00	31.00	2.60	181.10	513.98	2.80	-2.74	0.74
5	545.00	31.00	3.70	182.80	544.93	4.49	-4.44	0.68
6	576.00	31.00	4.40	181.60	575.85	6.66	-6.63	0.59
7	608.00	32.00	4.60	180.10	607.75	9.15	-9.14	0.56
8	639.00	31.00	5.40	175.20	638.63	11.85	-11.84	0.68
9	671.00	32.00	6.30	171.20	670.47	15.11	-15.07	1.07
10	703.00	32.00	7.20	170.20	702.24	18.86	-18.79	1.68
11	734.00	31.00	8.20	171.20	732.96	23.00	-22.88	2.35
12	766.00	32.00	9.20	171.10	764.60	27.83	-27.67	3.10
13	798.00	32.00	10.50	169.70	796.12	33.29	-33.06	4.01
14	830.00	32.00	11.30	170.20	827.55	39.32	-39.02	5.07
15	861.00	31.00	11.10	170.30	857.96	45.32	-44.96	6.09
16	893.00	32.00	10.90	170.60	889.37	51.41	-50.98	7.10
17	925.00	32.00	10.80	170.90	920.80	57.42	-56.92	8.07
18	956.00	31.00	10.50	170.50	951.26	63.14	-62.58	9.00
19	988.00	32.00	10.30	170.40	982.74	68.90	-68.27	9.95
20	1020.00	32.00	10.70	170.90	1014.20	74.71	-74.03	10.90
21	1052.00	32.00	10.50	170.40	1045.65	80.58	-79.84	11.86
22	1083.00	31.00	10.20	170.70	1076.15	86.14	-85.33	12.77
23	1115.00	32.00	9.70	171.00	1107.67	91.65	-90.79	13.65
24	1147.00	32.00	9.40	170.90	1139.22	96.95	-96.03	14.49
25	1178.00	31.00	9.50	172.20	1169.80	102.03	-101.07	15.23
26	1210.00	32.00	9.50	176.20	1201.37	107.31	-106.32	15.77
27	1242.00	32.00	8.60	176.70	1232.97	112.34	-111.34	16.08
28	1274.00	32.00	7.90	176.90	1264.64	116.93	-115.92	16.34
29	1305.00	31.00	7.60	176.50	1295.35	121.11	-120.10	16.58
30	1337.00	32.00	7.40	176.40	1327.08	125.28	-124.27	16.84
31	1369.00	32.00	7.10	176.50	1358.82	129.32	-128.30	17.09
32	1400.00	31.00	6.90	176.00	1389.59	133.10	-132.07	17.33
33	1432.00	32.00	7.40	177.70	1421.34	137.08	-136.04	17.55
34	1464.00	32.00	7.30	177.80	1453.08	141.17	-140.13	17.71
35	1496.00	32.00	7.00	177.00	1484.83	145.14	-144.11	17.89
36	1527.00	31.00	6.70	175.60	1515.61	148.84	-147.80	18.13
37	1559.00	32.00	5.90	172.80	1547.42	152.35	-151.30	18.48
38	1591.00	32.00	5.00	170.10	1579.27	155.38	-154.30	18.92
39	1622.00	31.00	4.10	170.80	1610.17	157.84	-156.73	19.33
40	1654.00	32.00	3.30	172.00	1642.11	159.90	-158.77	19.64
41	1686.00	32.00	2.50	176.60	1674.07	161.51	-160.38	19.81
42	1717.00	31.00	2.00	182.70	1705.04	162.73	-161.59	19.83
43	1749.00	32.00	1.20	190.60	1737.03	163.60	-162.48	19.74
44	1781.00	32.00	0.40	212.50	1769.03	164.01	-162.90	19.62
45	1812.00	31.00	0.30	230.70	1800.02	164.14	-163.05	19.50
46	1844.00	32.00	0.40	238.60	1832.02	164.24	-163.16	19.34
47	1939.00	95.00	0.50	221.30	1927.02	164.67	-163.64	18.78
48	2035.00	96.00	0.60	216.20	2023.02	165.34	-164.36	18.21
49	2130.00	95.00	0.70	212.40	2118.01	166.17	-165.25	17.60
50	2225.00	95.00	0.30	272.40	2213.01	166.60	-165.73	17.04
51	2320.00	95.00	0.40	258.00	2308.01	166.60	-165.79	16.47
52	2415.00	95.00	0.50	243.10	2403.00	166.79	-166.05	15.78
53	2510.00	95.00	0.50	244.60	2498.00	167.09	-166.41	15.03
54	2605.00	95.00	0.30	256.70	2593.00	167.27	-166.65	14.41
55	2700.00	95.00	0.30	280.50	2688.00	167.24	-166.66	13.93
56	2795.00	95.00	0.40	262.00	2782.99	167.18	-166.66	13.36
57	2890.00	95.00	0.70	261.60	2877.99	167.23	-166.79	12.45
58	2985.00	95.00	0.50	352.60	2972.99	166.85	-166.46	11.82
59	3080.00	95.00	0.50	341.80	3067.98	166.03	-165.66	11.64
60	3175.00	95.00	0.50	312.50	3162.98	165.32	-164.99	11.21
61	3270.00	95.00	0.40	310.20	3257.98	164.78	-164.49	10.65
62	3365.00	95.00	0.60	348.40	3352.97	164.05	-163.79	10.29
63	3461.00	96.00	0.50	349.00	3448.97	163.13	-162.89	10.11
64	3555.00	94.00	0.80	35.20	3542.96	162.22	-161.95	10.41
65	3650.00	95.00	0.90	42.00	3637.95	161.21	-160.85	11.30
66	3745.00	95.00	0.80	34.10	3732.94	160.19	-159.75	12.17
67	3840.00	95.00	0.70	47.90	3827.93	159.33	-158.81	12.97
68	3935.00	95.00	0.90	38.90	3922.92	158.45	-157.84	13.87
69	4030.00	95.00	0.90	101.20	4017.91	158.12	-157.40	15.07
70	4126.00	96.00	0.40	155.10	4113.91	158.65	-157.85	15.95
71	4221.00	95.00	0.10	275.40	4208.91	158.95	-158.15	16.01
72	4316.00	95.00	0.10	21.30	4303.91	158.86	-158.06	15.95
73	4411.00	95.00	0.20	270.90	4398.91	158.77	-157.98	15.82
74	4506.00	95.00	0.20	330.90	4493.91	158.60	-157.83	15.57
75	4601.00	95.00	0.30	267.10	4588.91	158.44	-157.70	15.24
76	4664.00	63.00	0.40	280.60	4651.91	158.37	-157.67	14.86
77	4717.00	53.00	0.40	280.60	4704.90	158.27	-157.60	14.50

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