



3/4/13

To Whom It May Concern:

As a representative of Wellpath Energy Services, LLC. I certify to the best of my knowledge that all survey data contained in the packet are accurate and true for the following well listed below.

Operator: Limerock Resources
Well: Mathews 25 Federal #1
Location: East Artesia, New Mexico

30-015-40804

Thank You,


Adam Jimenez
Senior MWD/LWD Engineer



 8/6/2013
Accepted for record
NMOCD

Survey/Planning Report									
Operator	Lime Rock Resources			Northing			Date	4-Apr-13	
Dir. Co.	Wellpath Energy			Easting			System	2 - St. Plane	
Well Name	Survey_1			Elevation			Datum	1927 - NAD27	
Location	Loco Hills NM			Latitude			Zone	3001 - New Mexico East	
Rig	UDI # 22			Longitude			Scale Fac.	0.999910	
Job	WPE 1225D			Units	Feet		Converg.	0.051015	
MD	INC	AZI	TVD	CHS	FW	VS@17477°	BR	TR	DLS
423.00	0.30	153.20	423.00	-0.99	0.50	1.03	0.00	0.00	0.00
453.00	0.50	157.80	453.00	-1.18	0.58	1.23	0.67	15.33	0.67
483.00	1.40	170.90	482.99	-1.66	0.69	1.72	3.00	43.67	3.07
514.00	2.60	181.10	513.98	-2.74	0.74	2.80	3.87	32.90	4.02
545.00	3.70	182.80	544.93	-4.44	0.68	4.49	3.55	5.48	3.56
576.00	4.40	181.60	575.85	-6.63	0.59	6.66	2.26	-3.87	2.27
608.00	4.60	180.10	607.75	-9.14	0.56	9.15	0.62	-4.69	0.72
639.00	5.40	175.20	638.63	-11.84	0.68	11.85	2.58	-15.81	2.92
671.00	6.30	171.20	670.47	-15.07	1.07	15.11	2.81	-12.50	3.09
703.00	7.20	170.20	702.24	-18.79	1.68	18.86	2.81	-3.13	2.84
734.00	8.20	171.20	732.96	-22.88	2.35	23.00	3.23	3.23	3.25
766.00	9.20	171.10	764.60	-27.67	3.10	27.83	3.12	-0.31	3.13
798.00	10.50	169.70	796.12	-33.06	4.01	33.29	4.06	-4.38	4.13
830.00	11.30	170.20	827.55	-39.02	5.07	39.32	2.50	1.56	2.52
861.00	11.10	170.30	857.96	-44.96	6.09	45.32	-0.65	0.32	0.65
893.00	10.90	170.60	889.37	-50.98	7.10	51.41	-0.63	0.94	0.65
925.00	10.80	170.90	920.80	-56.92	8.07	57.42	-0.31	0.94	0.36
956.00	10.50	170.50	951.26	-62.58	9.00	63.14	-0.97	-1.29	1.00
988.00	10.30	170.40	982.74	-68.27	9.95	68.90	-0.63	-0.31	0.63
1020.00	10.70	170.90	1014.20	-74.03	10.90	74.71	1.25	1.56	1.28
1052.00	10.50	170.40	1045.65	-79.84	11.86	80.58	-0.63	-1.56	0.69
1083.00	10.20	170.70	1076.15	-85.33	12.77	86.14	-0.97	0.97	0.98
1115.00	9.70	171.00	1107.67	-90.79	13.65	91.65	-1.56	0.94	1.57
1147.00	9.40	170.90	1139.22	-96.03	14.49	96.95	-0.94	-0.31	0.94
1178.00	9.50	172.20	1169.80	-101.07	15.23	102.03	0.32	4.19	0.76
1210.00	9.50	176.20	1201.37	-106.32	15.77	107.31	0.00	12.50	2.06
1242.00	8.60	176.70	1232.97	-111.34	16.08	112.34	-2.81	1.56	2.82
1274.00	7.90	176.90	1264.64	-115.92	16.34	116.93	-2.19	0.62	2.19
1305.00	7.60	176.50	1295.35	-120.10	16.58	121.11	-0.97	-1.29	0.98
1337.00	7.40	176.40	1327.08	-124.27	16.84	125.28	-0.63	-0.31	0.63
1369.00	7.10	176.50	1358.82	-128.30	17.09	129.32	-0.94	0.31	0.94
1400.00	6.90	176.00	1389.59	-132.07	17.33	133.10	-0.65	-1.61	0.67
1432.00	7.40	177.70	1421.34	-136.04	17.55	137.08	1.56	5.31	1.70
1464.00	7.30	177.80	1453.08	-140.13	17.71	141.17	-0.31	0.31	0.32
1496.00	7.00	177.00	1484.83	-144.11	17.89	145.14	-0.94	-2.50	0.99
1527.00	6.70	175.60	1515.61	-147.80	18.13	148.84	-0.97	-4.52	1.11
1559.00	5.90	172.80	1547.42	-151.30	18.48	152.35	-2.50	-8.75	2.68
1591.00	5.00	170.10	1579.27	-154.30	18.92	155.38	-2.81	-8.44	2.92
1622.00	4.10	170.80	1610.17	-156.73	19.33	157.84	-2.90	2.26	2.91
1654.00	3.30	172.00	1642.11	-158.77	19.64	159.90	-2.50	3.75	2.51
1686.00	2.50	176.60	1674.07	-160.38	19.81	161.51	-2.50	14.37	2.60
1717.00	2.00	182.70	1705.04	-161.59	19.83	162.73	-1.61	19.68	1.79
1749.00	1.20	190.60	1737.03	-162.48	19.74	163.60	-2.50	24.69	2.59
1781.00	0.40	212.50	1769.03	-162.90	19.62	164.01	-2.50	68.44	2.63
1812.00	0.30	230.70	1800.02	-163.05	19.50	164.14	-0.32	58.71	0.48
1844.00	0.40	238.60	1832.02	-163.16	19.34	164.24	0.31	24.69	0.35
1939.00	0.50	221.30	1927.02	-163.64	18.78	164.67	0.11	-18.21	0.18
2035.00	0.60	216.20	2023.02	-164.36	18.21	165.34	0.10	-5.31	0.12
2130.00	0.70	212.40	2118.01	-165.25	17.60	166.17	0.11	-4.00	0.11
2225.00	0.30	272.40	2213.01	-165.73	17.04	166.60	-0.42	63.16	0.64
2320.00	0.40	258.00	2308.01	-165.79	16.47	166.60	0.11	-15.16	0.14

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Rig	UDI # 22			Longitude			Scale Fac.	0.999910	
Job	WPE 1225D			Units	Feet		Converg.	0.051015	
MD	INC	AZI	TVD	GNS	GEW	VSO17477°	BR	TR	DLS
2415.00	0.50	243.10	2403.00	-166.05	15.78	166.79	0.11	-15.68	0.16
2510.00	0.50	244.60	2498.00	-166.41	15.03	167.09	0.00	1.58	0.01
2605.00	0.30	256.70	2593.00	-166.65	14.41	167.27	-0.21	12.74	0.23
2700.00	0.30	280.50	2688.00	-166.66	13.93	167.24	0.00	25.05	0.13
2795.00	0.40	262.00	2782.99	-166.66	13.36	167.18	0.11	-19.47	0.16
2890.00	0.70	261.60	2877.99	-166.79	12.45	167.23	0.32	-0.42	0.32
2985.00	0.50	352.60	2972.99	-166.46	11.82	166.85	-0.21	95.79	0.91
3080.00	0.50	341.80	3067.98	-165.66	11.64	166.03	0.00	-11.37	0.10
3175.00	0.50	312.50	3162.98	-164.99	11.21	165.32	0.00	-30.84	0.27
3270.00	0.40	310.20	3257.98	-164.49	10.65	164.78	-0.11	-2.42	0.11
3365.00	0.60	348.40	3352.97	-163.79	10.29	164.05	0.21	40.21	0.40
3461.00	0.50	349.00	3448.97	-162.89	10.11	163.13	-0.10	0.62	0.10
3555.00	0.80	35.20	3542.96	-161.95	10.41	162.22	0.32	49.15	0.62
3650.00	0.90	42.00	3637.95	-160.85	11.30	161.21	0.11	7.16	0.15
3745.00	0.80	34.10	3732.94	-159.75	12.17	160.19	-0.11	-8.32	0.16
3840.00	0.70	47.90	3827.93	-158.81	12.97	159.33	-0.11	14.53	0.22
3935.00	0.90	38.90	3922.92	-157.84	13.87	158.45	0.21	-9.47	0.25
4030.00	0.90	101.20	4017.91	-157.40	15.07	158.12	0.00	65.58	0.98
4126.00	0.40	155.10	4113.91	-157.85	15.95	158.65	-0.52	56.15	0.77
4221.00	0.10	275.40	4208.91	-158.15	16.01	158.95	-0.32	126.63	0.48
4316.00	0.10	21.30	4303.91	-158.06	15.95	158.86	0.00	111.47	0.17
4411.00	0.20	270.90	4398.91	-157.98	15.82	158.77	0.11	-116.21	0.27
4506.00	0.20	330.90	4493.91	-157.83	15.57	158.60	0.00	63.16	0.21
4601.00	0.30	267.10	4588.91	-157.70	15.24	158.44	0.11	-67.16	0.29
4664.00	0.40	280.60	4651.91	-157.67	14.86	158.37	0.16	21.43	0.20
4717.00	0.40	280.60	4704.90	-157.60	14.50	158.27	0.00	0.00	0.00