

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

OCT 31 2012

Form C-102
Revised October 12, 2005
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NMOCD ARTESIA

AS DRILLED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-40783	² Pool Code 96836	³ Pool Name Red Lake, Glorieta-Yeso NE
⁴ Property Code 308968	⁵ Property Name LOGAN 2C STATE	⁶ Well Number 4
⁷ OGRID No. 277558	⁸ Operator Name LIME ROCK RESOURCES II-A, L.P.	⁹ Elevation 3587' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	2	18-S	27-E	3	990	NORTH	1500	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	2	18-S	27-E	3	946	NORTH	1668	WEST	EDDY

¹² Dedicated Acres 40.6	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division Signature <u>Mike Pippin</u> Date <u>10/30/12</u> Mike Pippin Printed Name
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 8/4/12 Date of Survey Signature and Seal of Professional Surveyor Filmon F Jaramillo 12797 Certificate Number

LOGAN RC STATE #4 30-15-40783

Direction (Quad)	Course Length (ft)	True Vert. Depth (ft)	Vertical Section (ft)	Coordinates	
				N/S (ft)	E/W (ft)
		0	0	0	0
N 73.7 W	393	393.00	-1.16	N 0.39	W 1.32
N 79.1 W	30	423.00	-1.36	N 0.44	W 1.55
N 15.8 W	31	454.00	-1.48	N 0.52	W 1.69
N 78.6 E	31	484.99	-1.32	N 0.60	W 1.55
N 83.0 E	31	515.99	-0.65	N 0.70	W 0.88
N 80.4 E	31	546.95	0.80	N 0.92	E 0.56
N 75.1 E	32	578.87	3.05	N 1.41	E 2.77
N 78.2 E	32	610.76	5.75	N 2.08	E 5.39
N 78.6 E	31	641.63	8.53	N 2.68	E 8.10
N 75.3 E	32	673.48	11.62	N 3.39	E 11.12
N 75.5 E	32	705.29	15.07	N 4.26	E 14.46
N 73.2 E	32	737.07	18.86	N 5.28	E 18.11
N 74.6 E	31	767.80	22.96	N 6.42	E 22.05
N 74.1 E	32	799.44	27.75	N 7.71	E 26.65
N 74.8 E	32	830.98	33.14	N 9.15	E 31.85
N 73.3 E	31	861.42	38.97	N 10.76	E 37.46
N 72.5 E	32	892.75	45.52	N 12.69	E 43.71
N 72.3 E	32	923.97	52.52	N 14.81	E 50.39
N 72.4 E	31	954.13	59.68	N 16.98	E 57.21
N 72.5 E	32	985.23	67.23	N 19.25	E 64.41
N 73.5 E	32	1016.30	74.89	N 21.49	E 71.74
N 73.7 E	32	1047.38	82.49	N 23.64	E 79.03
N 76.0 E	31	1077.49	89.86	N 25.56	E 86.15
N 78.3 E	32	1108.52	97.66	N 27.30	E 93.77
N 77.8 E	32	1139.56	105.41	N 28.91	E 101.37
N 78.7 E	31	1169.71	112.60	N 30.38	E 108.43
N 78.6 E	32	1200.92	119.66	N 31.77	E 115.38
N 77.7 E	32	1232.19	126.43	N 33.17	E 122.03
N 80.8 E	63	1293.94	138.87	N 35.51	E 134.31
N 82.2 E	32	1325.38	144.73	N 36.39	E 140.15
N 80.3 E	32	1356.91	150.18	N 37.22	E 145.59
N 79.5 E	31	1387.52	155.06	N 38.08	E 150.42
N 74.9 E	32	1419.19	159.61	N 39.08	E 154.87
N 71.3 E	32	1450.94	163.59	N 40.23	E 158.68
N 69.1 E	31	1481.74	167.06	N 41.40	E 161.96
N 66.2 E	32	1513.57	170.34	N 42.65	E 165.00
N 62.8 E	32	1545.44	173.20	N 43.89	E 167.62
N 65.9 E	31	1576.35	175.54	N 44.93	E 169.76
N 64.8 E	32	1608.29	177.42	N 45.72	E 171.49
N 68.6 E	64	1672.25	179.80	N 46.69	E 173.68
N 73.9 E	63	1735.23	181.45	N 47.22	E 175.24
N 83.0 E	32	1767.22	182.17	N 47.37	E 175.95
N 63.3 E	31	1798.22	182.54	N 47.44	E 176.32
S 57.4 W	32	1830.21	182.41	N 47.36	E 176.20
S 72.2 W	32	1862.21	181.72	N 47.09	E 175.56
S 66.1 W	31	1893.19	180.78	N 46.76	E 174.68
S 62.2 W	32	1925.18	179.79	N 46.32	E 173.77
S 64.6 W	32	1957.16	178.80	N 45.87	E 172.88
S 69.9 W	32	1989.15	177.83	N 45.49	E 171.98
S 72.0 W	31	2020.13	176.88	N 45.18	E 171.08
S 68.8 W	32	2052.12	175.91	N 44.85	E 170.16
S 69.0 W	31	2083.10	174.96	N 44.51	E 169.28
S 73.7 W	32	2115.09	174.16	N 44.25	E 168.51
N 88.0 W	63	2178.09	173.34	N 44.09	E 167.71
N 18.0 W	64	2242.09	173.13	N 44.20	E 167.46
N 5.2 E	63	2305.08	173.16	N 44.41	E 167.43
O 0.0 O	63	2368.08	173.21	N 44.52	E 167.44
N 54.5 E	96	2464.08	173.36	N 44.62	E 167.58
N 33.3 E	94	2558.08	173.89	N 45.13	E 167.98
N 13.1 E	95	2653.08	174.48	N 45.95	E 168.35
N 32.0 E	95	2748.07	174.99	N 46.70	E 168.66
N 24.5 E	96	2844.07	175.74	N 47.67	E 169.16
N 3.3 E	95	2939.06	176.26	N 48.52	E 169.45
N 76.3 W	95	3034.06	176.05	N 48.85	E 169.14
S 77.6 W	95	3129.06	175.52	N 48.87	E 168.58
N 73.3 W	95	3224.06	174.92	N 48.94	E 167.94
N 77.2 W	95	3319.06	174.43	N 49.09	E 167.38
N 56.9 W	95	3414.06	174.18	N 49.22	E 167.08
N 38.3 W	95	3509.05	173.98	N 49.51	E 166.79
S 18.5 W	95	3604.05	173.55	N 49.15	E 166.45
S 75.3 W	95	3699.05	172.89	N 48.52	E 165.94
S 57.7 W	95	3794.05	172.16	N 48.21	E 165.27
N 34.3 W	95	3889.04	171.66	N 48.26	E 164.73
N 35.4 W	95	3984.04	171.48	N 48.74	E 164.40
N 12.8 E	95	4079.04	171.56	N 49.27	E 164.33
N 82.7 E	95	4174.04	172.29	N 49.66	E 164.98
S 53.4 E	95	4269.03	173.11	N 49.49	E 165.89
N 66.7 E	80	4349.03	173.60	N 49.39	E 166.43
S 13.2 E	95	4444.02	173.89	N 48.80	E 166.90
S 19.3 E	95	4539.01	173.90	N 47.21	E 167.37
S 21.4 E	96	4635.00	174.00	N 45.79	E 167.89
S 9.9 E	74	4708.99	173.98	N 44.86	E 168.15
S 9.9 E	44	4752.99	173.91	N 44.26	E 168.25