

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

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Revised October 12, 2005

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AS DRILLED☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-39454	² Pool Code 51120	³ Pool Name Red Lake, Glorieta-Yeso
⁴ Property Code 38839	⁵ Property Name STIRLING 6 M	⁶ Well Number 2
⁷ OGRID No. 255333	⁸ Operator Name LIME ROCK RESOURCES A, L.P.	⁹ Elevation 3335' 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
M	6	18-S	27-E	7	660	SOUTH	330	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
M	6	18-S	27-E	7	975	SOUTH	341	WEST	EDDY

¹² Dedicated Acres 40	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>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</i> Signature: <u>Mike Pippin</u> Date: <u>12/26/11</u> Printed Name: <u>Mike Pippin</u>			
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i> 8/12/11 Date of Survey Signature and Seal of Professional Surveyor: Gary Eidson			
	12641 Certificate Number			

Stirling 6M #2 Fee
Shallow S Well Actual Data

Tie-In	MD	Angle	Azi, °	Direction Quad		Course Length	TVD	Vertical Section	Northing, FT		Easting, FT	
1	322	0.3	288.4	N	71.6	W	322	322	0.19	N	0.27	W 0.8
2	386	0.4	311	N	49	W	64	386	0.35	N	0.47	W 1.13
3	417	0.5	313.7	N	46.3	W	31	417	0.5	N	0.63	W 1.31
4	449	0.4	330.4	N	29.6	W	32	449	0.67	N	0.82	W 1.46
5	480	1.1	32.7	N	32.7	E	31	479.99	1.03	N	1.17	W 1.36
6	512	2.5	29.4	N	29.4	E	32	511.98	1.94	N	2.03	W 0.85
7	543	3.9	28.7	N	28.7	E	31	542.93	3.53	N	3.55	W 0.01
8	575	5	27	N	27	E	32	574.83	5.83	N	5.75	E 1.15
9	606	5.8	24.2	N	24.2	E	31	605.69	8.58	N	8.38	E 2.4
10	638	6.2	19.8	N	19.8	E	32	637.52	11.78	N	11.48	E 3.65
11	670	6.5	15.5	N	15.5	E	32	669.32	15.25	N	14.85	E 4.72
12	701	6.8	14.4	N	14.4	E	31	700.11	18.79	N	18.32	E 5.65
13	732	7.1	13.9	N	13.9	E	31	730.88	22.5	N	21.96	E 6.56
14	764	7.3	13.5	N	13.5	E	32	762.63	26.47	N	25.85	E 7.51
15	795	7.5	11.9	N	11.9	E	31	793.37	30.43	N	29.75	E 8.39
16	826	8.1	10.6	N	10.6	E	31	824.09	34.62	N	33.87	E 9.21
17	858	8.8	9.6	N	9.6	E	32	855.74	39.31	N	38.5	E 10.03
18	889	9.6	8.1	N	8.1	E	31	886.34	44.26	N	43.4	E 10.79
19	921	10.9	3.4	N	3.4	E	32	917.83	49.95	N	49.06	E 11.35
20	952	12	359.7	N	0.3	W	31	948.21	56.08	N	55.21	E 11.5
21	984	12.7	356.8	N	3.2	W	32	979.47	62.87	N	62.05	E 11.29
22	1015	12.9	346.9	N	13.1	W	31	1009.71	69.51	N	68.82	E 10.31
23	1047	12.7	354.4	N	5.6	W	32	1040.91	76.34	N	75.8	E 9.16
24	1078	12.4	354.8	N	5.2	W	31	1071.17	82.95	N	82.51	E 8.53
25	1109	12.4	355.6	N	4.4	W	31	1101.45	89.49	N	89.14	E 7.97
26	1141	12.7	355.4	N	4.6	W	32	1132.68	96.34	N	96.07	E 7.42
27	1172	13	355.8	N	4.2	W	31	1162.91	103.12	N	102.95	E 6.9
28	1202	12.6	357.9	N	2.1	W	30	1192.16	109.69	N	109.58	E 6.53
29	1234	11.9	1.7	N	1.7	E	32	1223.43	116.44	N	116.37	E 6.5
30	1265	11.5	7.3	N	7.3	E	31	1253.79	122.72	N	122.63	E 6.99
31	1297	11.4	9.4	N	9.4	E	32	1285.15	129.06	N	128.91	E 7.91
32	1328	11.5	10.2	N	10.2	E	31	1315.54	135.2	N	134.98	E 8.96
33	1359	11.6	8.9	N	8.9	E	31	1345.91	141.39	N	141.1	E 9.98
34	1391	11.8	8	N	8	E	32	1377.24	147.87	N	147.52	E 10.94
35	1422	11.6	7.3	N	7.3	E	31	1407.6	154.16	N	153.75	E 11.77
36	1454	11.7	7.8	N	7.8	E	32	1438.94	160.61	N	160.15	E 12.62
37	1484	11.5	7.5	N	7.5	E	30	1468.33	166.64	N	166.13	E 13.43
38	1515	11.3	8	N	8	E	31	1498.72	172.77	N	172.2	E 14.25
39	1546	11.5	7.5	N	7.5	E	31	1529.11	178.89	N	178.27	E 15.08
40	1578	11.7	7.1	N	7.1	E	32	1560.45	185.32	N	184.66	E 15.9
41	1592	11.8	7	N	7	E	14	1574.16	188.17	N	187.49	E 16.25
42	1654	11.3	8	N	8	E	62	1634.9	200.58	N	199.79	E 17.86
43	1686	11.2	7.6	N	7.6	E	32	1666.29	206.82	N	205.98	E 18.71

44	1717	11.1	7.5	N	7.5	E	31	1696.7	212.81	N	211.92	E	19.5
45	1749	9.6	9.4	N	9.4	E	32	1728.18	218.55	N	217.61	E	20.34
46	1780	8.7	7.6	N	7.6	E	31	1758.78	223.714	N	222.6313	E	21.98
47	1812	8	7.5	N	7.5	E	32	1790.44	228.358	N	227.238	E	22.59
48	1843	8.1	6.8	N	6.8	E	31	1821.14	232.698	N	231.5453	E	23.13
49	1875	7.8	6.4	N	6.4	E	32	1852.83	237.123	N	235.9418	E	23.64
50	1906	6.7	6.4	N	6.4	E	31	1883.58	241.035	N	239.8295	E	24.08
51	1938	6.4	5.2	N	5.2	E	32	1915.37	244.685	N	243.4608	E	24.45
52	1969	6.3	6	N	6	E	31	1946.18	248.114	N	246.873	E	24.78
53	2001	6.2	359.5	N	0.5	W	32	1977.99	251.587	N	250.3471	E	24.95
54	2032	6.1	353	N	7	W	31	2008.81	254.858	N	253.6559	E	24.73
55	2064	6	351	N	9	W	32	2040.63	258.134	N	256.9953	E	24.26
56	2095	6	348.7	N	11.3	W	31	2071.46	261.251	N	260.1843	E	23.69
57	2127	6.1	348.8	N	11.2	W	32	2103.29	264.477	N	263.4922	E	23.04
58	2158	6.5	352.9	N	7.1	W	31	2134.1	267.764	N	266.8492	E	22.5
59	2190	6.7	354	N	6	W	32	2165.89	271.358	N	270.503	E	22.08
60	2221	6.6	352.5	N	7.5	W	31	2196.68	274.863	N	274.0678	E	21.66
61	2253	6.7	353.7	N	6.3	W	32	2228.46	278.479	N	277.7465	E	21.21
62	2284	6.6	351.4	N	8.6	W	31	2259.26	281.974	N	281.3055	E	20.75
63	2316	6.6	350.2	N	9.8	W	32	2291.04	285.528	N	284.936	E	20.16
64	2347	6.7	348.7	N	11.3	W	31	2321.83	288.974	N	288.4649	E	19.5
65	2378	6.8	351.5	N	8.5	W	31	2352.62	292.482	N	292.0533	E	18.88
66	2410	6.3	351.8	N	8.2	W	32	2384.41	296.023	N	295.6648	E	18.35
67	2441	6.1	357.2	N	2.8	W	31	2415.23	299.303	N	298.9934	E	18.02
68	2473	5.5	5.9	N	5.9	E	32	2447.07	302.518	N	302.2171	E	18.1
69	2505	4.5	13.6	N	13.6	E	32	2478.94	305.295	N	304.9628	E	18.55
70	2536	3.7	19	N	19	E	31	2509.86	307.473	N	307.0906	E	19.16
71	2568	2.6	30.3	N	30.3	E	32	2541.82	309.138	N	308.6936	E	19.87
72	2599	1.6	34.3	N	34.3	E	31	2572.8	310.158	N	309.6582	E	20.46
73	2631	1.5	37.7	N	37.7	E	32	2604.78	310.905	N	310.3587	E	20.97
74	2662	1.5	23.1	N	23.1	E	31	2635.77	311.637	N	311.0529	E	21.38
75	2694	1.3	29.3	N	29.3	E	32	2667.76	312.369	N	311.7547	E	21.72
76	2725	1.3	23.2	N	23.2	E	31	2698.76	313.027	N	312.3846	E	22.03
77	2757	1.4	21.5	N	21.5	E	32	2730.75	313.749	N	313.082	E	22.32
78	2788	1.7	359.5	N	0.5	W	31	2761.74	314.571	N	313.8941	E	22.45
79	2820	1.4	359.5	N	0.5	W	32	2793.72	315.431	N	314.7597	E	22.45
80	2851	1.7	1.2	N	1.2	E	31	2824.71	316.266	N	315.5981	E	22.45
81	2883	1.2	16.3	N	16.3	E	32	2856.7	317.069	N	316.3943	E	22.56
82	2914	0.7	346.8	N	13.2	W	31	2887.7	317.567	N	316.8902	E	22.6
83	2945	0.7	17.3	N	17.3	E	31	2918.7	317.931	N	317.2553	E	22.62
84	2977	0.2	326.7	N	33.3	W	32	2950.69	318.166	N	317.4887	E	22.64
85	3040	0.5	274.4	N	85.6	W	63	3013.69	318.245	N	317.6016	E	22.31
86	3102	0.4	258.9	S	78.9	W	62	3075.69	318.177	N	317.5807	E	21.83
87	3165	0.7	275.1	N	84.9	W	63	3138.69	318.109	N	317.5726	E	21.23
88	3228	0.5	270.7	N	89.3	W	63	3201.69	318.081	N	317.6102	E	20.57
89	3291	0.6	244.8	S	64.8	W	63	3264.68	317.887	N	317.4731	E	20
90	3354	0.8	243.4	S	63.4	W	63	3327.68	317.483	N	317.1357	E	19.31
91	3417	0.7	247.8	S	67.8	W	63	3390.67	317.068	N	316.7934	E	18.56
92	3480	0.6	242.7	S	62.7	W	63	3453.67	316.708	N	316.4967	E	17.91
93	3542	0.7	248	S	68	W	62	3515.66	316.355	N	316.2059	E	17.27

94	3606	0.9	264.4	S	84.4	W	64	3579.66	316.075	N	316.0104	E	16.4
95	3668	0.7	290.1	N	69.9	W	62	3641.65	316.073	N	316.0931	E	15.56
96	3731	0.7	247.3	S	67.3	W	63	3704.65	315.986	N	316.0768	E	14.85
97	3826	0.7	248	S	68	W	95	3799.64	315.44	N	315.6355	E	13.77
98	3920	0.5	278.4	N	81.6	W	94	3893.64	315.192	N	315.4803	E	12.84
99	4014	0.6	254.1	S	74.1	W	94	3987.63	315.03	N	315.4054	E	11.96
100	4108	0.4	231.7	S	51.7	W	94	4081.63	314.621	N	315.0672	E	11.23
101	4189	0.5	207.5	S	27.5	W	81	4162.63	314.096	N	314.5784	E	10.84

Stirling 6M #2 Vertical Section Plot

