

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

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AS DRILLED☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-40796	² Pool Code 51120	³ Pool Name Red Lake, Glorieta-Yeso
⁴ Property Code 39508	⁵ Property Name KAISER 18 A	⁶ Well Number 15
⁷ OGRID No. 277558	⁸ Operator Name LIME ROCK RESOURCES II-A, L.P.	⁹ Elevation 3292' 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
A	18	18-S	27-E		330	NORTH	800	EAST	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
A	18	18-S	27-E		309	NORTH	347	EAST	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 <i>Mike Pippin</i> Mike Pippin Printed Name Date 11/5/12
	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> 6/28/12 Date of Survey Signature and Seal of Professional Surveyor: Filmon F. Jaramillo 12797 Certificate Number

Kaiser 18 A #15 Directional Plan

	<i>survey Depth</i>	<i>INC</i>	<i>AZM</i>	<i>TVD</i>	<i>VERT SEC</i>	<i>+N/-S</i>	<i>+E/-W</i>	<i>Build</i>	<i>Turn</i>	<i>DLS</i>
0	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00
1	451	1.50	278.80	450.9484833	-6	0.90	-5.83	0.33	-18.00	0.33
2	482	1.50	276.90	481.9378624	-7	1.01	-6.64	0.00	-6.13	0.16
3	513	1.10	256.50	512.9299831	-7	0.99	-7.33	-1.29	-65.81	1.95
4	543	0.40	200.00	542.9275266	-8	0.83	-7.65	-2.33	-188.33	3.13
5	572	0.90	136.20	571.9258645	-8	0.57	-7.52	1.72	-220.00	2.78
6	603	1.80	123.10	602.9170075	-7	0.13	-6.95	2.90	-42.26	3.05
7	635	2.80	121.40	634.8908259	-6	-0.56	-5.86	3.12	-5.31	3.13
8	667	3.70	124.30	666.8390524	-4	-1.54	-4.34	2.81	9.06	2.86
9	698	4.70	122.60	697.7554208	-2	-2.79	-2.44	3.23	-5.48	3.25
10	730	5.30	117.10	729.6336906	0	-4.17	-0.02	1.87	-17.19	2.40
11	762	6.00	112.50	761.4781973	3	-5.49	2.84	2.19	-14.38	2.60
12	793	7.00	115.50	792.2786235	7	-6.92	6.04	3.23	9.68	3.41
13	825	8.00	117.60	824.0045166	10	-8.79	9.77	3.12	6.56	3.24
14	857	8.70	119.40	855.6651566	15	-11.01	13.86	2.19	5.62	2.33
15	889	9.50	118.80	887.2621489	19	-13.47	18.28	2.50	-1.88	2.52
16	921	10.30	115.90	918.7855899	24	-15.99	23.17	2.50	-9.06	2.94
17	952	11.30	113.50	949.2362641	30	-18.41	28.45	3.23	-7.74	3.54
18	984	12.30	111.30	980.5597836	36	-20.90	34.50	3.12	-6.88	3.43
19	1016	13.40	108.80	1011.758129	43	-23.33	41.18	3.44	-7.81	3.85
20	1047	14.60	106.20	1041.837049	50	-25.58	48.34	3.87	-8.39	4.37
21	1079	15.90	103.20	1072.710068	59	-27.71	56.48	4.06	-9.38	4.75
22	1111	17.10	100.50	1103.392196	68	-29.57	65.37	3.75	-8.44	4.45
23	1143	18.50	99.50	1133.859572	77	-31.26	75.00	4.37	-3.13	4.48
24	1174	19.80	98.30	1163.143604	88	-32.83	85.05	4.19	-3.87	4.38
25	1206	21.00	97.10	1193.136202	99	-34.32	96.10	3.75	-3.75	3.97
26	1238	22.10	95.00	1222.899301	110	-35.56	107.79	3.44	-6.56	4.20
27	1269	23.10	93.00	1251.518873	122	-36.38	119.67	3.23	-6.45	4.07
28	1301	24.00	90.90	1280.85386	135	-36.81	132.45	2.81	-6.56	3.84
29	1333	24.60	88.70	1310.019227	148	-36.77	145.62	1.87	-6.88	3.39
30	1364	24.80	88.00	1338.183016	161	-36.39	158.57	0.64	-2.26	1.14
31	1396	24.90	87.80	1367.220161	174	-35.90	172.00	0.31	-0.63	0.41
32	1428	25.00	87.70	1396.233787	188	-35.37	185.49	0.31	-0.31	0.34
33	1459	25.10	87.60	1424.317871	201	-34.83	198.61	0.32	-0.32	0.35
34	1491	25.00	87.50	1453.307893	214	-34.25	212.14	-0.31	-0.31	0.34
35	1523	24.40	86.60	1482.380115	228	-33.56	225.50	-1.88	-2.81	2.21
36	1555	24.50	86.20	1511.51045	241	-32.73	238.72	0.31	-1.25	0.60
37	1586	24.50	86.00	1539.719243	253	-31.86	251.54	0.00	-0.65	0.27
38	1618	24.60	86.00	1568.826397	266	-30.93	264.80	0.31	0.00	0.31
39	1650	24.80	86.00	1597.898632	280	-30.00	278.14	0.62	0.00	0.62
40	1681	24.90	85.90	1626.028362	293	-29.08	291.14	0.32	-0.32	0.35
41	1713	24.90	85.90	1655.053759	306	-28.11	304.58	0.00	0.00	0.00
42	1745	24.40	86.50	1684.137621	319	-27.23	317.89	-1.56	1.87	1.75
43	1776	23.30	86.30	1712.490001	331	-26.44	330.40	-3.55	-0.65	3.56
44	1808	22.00	85.90	1742.021358	344	-25.61	342.70	-4.06	-1.25	4.09
45	1840	20.70	86.30	1771.824689	355	-24.81	354.32	-4.06	1.25	4.09
46	1871	19.50	87.30	1800.936157	366	-24.22	364.96	-3.87	3.23	4.03
47	1903	18.30	88.90	1831.210532	376	-23.87	375.32	-3.75	5.00	4.08
48	1934	17.30	90.70	1860.726387	385	-23.83	384.79	-3.23	5.81	3.68
49	1966	16.00	91.70	1891.384117	395	-24.02	393.96	-4.06	3.12	4.16
50	1998	14.60	91.70	1922.24918	403	-24.27	402.40	-4.38	0.00	4.38
51	2029	13.50	90.30	1952.321411	411	-24.40	409.92	-3.55	-4.52	3.71
52	2061	12.50	88.20	1983.501027	418	-24.32	417.12	-3.13	-6.56	3.46

Kaiser 18 A #15 Directional Plan

53	2093	11.3	86.7	2014.81	424.20	-24.01	423.71			3.87
54	2124	10.5	86.6	2045.25	430.00	-23.67	429.56			2.58
55	2156	9.5	87.3	2076.77	435.51	-23.37	435.11			3.15
56	2188	8.5	88.2	2108.37	440.47	-23.17	440.11			3.16
57	2220	7.3	89.5	2140.07	444.84	-23.08	444.51			3.79
58	2251	6.1	91.5	2170.86	448.45	-23.11	448.12			3.94
59	2283	4.8	91.6	2202.71	451.48	-23.19	451.16			4.06
60	2315	3.6	86.1	2234.62	453.81	-23.16	453.50			3.95
61	2346	2.5	73.4	2265.58	455.40	-22.90	455.12			4.14
62	2378	1.6	46.3	2297.56	456.35	-22.39	456.11			4.06
63	2410	1.5	36	2329.55	456.86	-21.74	456.68			0.92
64	2505	1.7	30.5	2424.51	458.11	-19.52	458.13			0.27
65	2600	0.9	0.9	2519.49	458.66	-17.56	458.86			1.07
66	2695	0.60	312.20	2614.479685	458	-16.48	458.50	-0.32	-51.26	0.71
67	2790	1.00	259.40	2709.471375	457	-16.30	457.32	0.42	-55.58	0.84
68	2885	1.10	254.40	2804.45543	455	-16.70	455.62	0.11	-5.26	0.14
69	2981	1.20	248.10	2900.436118	454	-17.32	453.80	0.10	-6.56	0.17
71	3076	0.70	227.90	2995.423006	452	-18.08	452.45	-0.53	-21.26	0.63
72	3171	0.70	229.90	3090.415917	452	-18.84	451.58	0.00	2.11	0.03
73	3266	0.40	237.30	3185.411442	451	-19.40	450.85	-0.32	7.79	0.32
74	3361	0.40	266.30	3280.409223	450	-19.60	450.24	0.00	30.53	0.21
75	3456	0.20	281.70	3375.407886	450	-19.58	449.75	-0.21	16.21	0.23
76	3551	0.10	252.7	3470	449.52	-19.58	449.51	-0.11	-30.53	0.13
77	3646	0.10	310.6	3565	449.38	-19.55	449.37	0.00	60.95	0.10
78	3741	0.70	323.7	3660	448.93	-19.02	448.96	0.63	13.79	0.63
79	3836	0.40	331.7	3755	448.37	-18.26	448.46	-0.32	8.42	0.33
80	3931	1.30	144.4	3850	448.88	-18.85	448.93	0.95	-197.16	1.79
81	4026	1.20	139.4	3945	450.29	-20.48	450.20	-0.11	-5.26	0.16
82	4121	0.80	137.6	4040	451.49	-21.73	451.30	-0.42	-1.89	0.42
83	4216	0.30	56.6	4135	452.18	-22.08	451.95	-0.53	-85.26	0.85
84	4311	0.50	30	4230	452.55	-21.58	452.37	0.21	-28.00	0.28
85	4379	0.60	19.9	4298	452.76	-20.99	452.64	0.15	-14.85	0.20