

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88201

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**RECEIVED**

JUN 11 2013

NMOC ARTESIA

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

AS DRILLED**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-41288	² Pool Code 51120	³ Pool Name Red Lake, Glorieta-Yeso
⁴ Property Code 308946	⁵ Property Name EAGLE 33 P FEDERAL	⁶ Well Number 24
⁷ OGRID No. 277558	⁸ Operator Name LIME ROCK RESOURCES II-A, L.P.	⁹ Elevation 3533' 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
P	33	17-S	27-E		470	SOUTH	360	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
P	33	17-S	27-E		356	SOUTH	350	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.

<div style="text-align: center; font-size: 2em;">33</div>	<div style="text-align: center;"> <p>17 OPERATOR CERTIFICATION</p> <p><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></p> <p>Signature: <u>Mike Pippin</u> Date: <u>6/9/13</u></p> <p>Printed Name: <u>Mike Pippin</u></p> </div>			
			<div style="text-align: center;"> <p>18 SURVEYOR CERTIFICATION</p> <p><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></p> <p>5/8/12</p> <p>Date of Survey: _____</p> <p>Signature and Seal of Professional Surveyor: <u>Filmon F. Jaramillo</u></p> <p>12797</p> <p>Certificate Number: _____</p> </div>	
			<div style="text-align: center;"> <p>33</p> </div>	<div style="text-align: center;"> <p>33</p> </div>

SURFACE

BOTTOM HOLE
AS DRILLED

360'

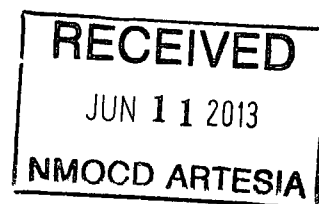
350'

470'

356'

38.	2459.00	0.10	55.20	2,451.06'	-109.01'	-8.33'	109.02'	0.02°
39.	2555.00	0.20	355.40	2,547.06'	-108.80'	-8.27'	108.81'	0.18°
40.	2599.00	0.10	26.00	2,591.06'	-108.69'	-8.26'	108.70'	0.28°
41.	2651.00	0.80	60.10	2,643.06'	-108.47'	-7.93'	108.47'	1.38°
42.	2779.00	1.10	55.90	2,771.04'	-107.33'	-6.14'	107.34'	0.24°
43.	2876.00	1.30	94.40	2,868.02'	-106.89'	-4.27'	106.90'	0.84°
44.	2972.00	1.40	91.00	2,964.00'	-107.00'	-2.01'	107.00'	0.13°
45.	3068.00	1.80	111.60	3,059.96'	-107.57'	0.57'	107.57'	0.72°
46.	3165.00	1.90	113.00	3,156.91'	-108.76'	3.46'	108.76'	0.11°
47.	3261.00	1.20	120.70	3,252.88'	-109.90'	5.79'	109.89'	0.76°
48.	3357.00	1.70	171.50	3,348.85'	-111.82'	6.87'	111.81'	1.38°
49.	3453.00	1.60	172.30	3,444.81'	-114.56'	7.26'	114.55'	0.11°
50.	3549.00	0.20	244.50	3,540.79'	-115.96'	7.29'	115.95'	1.62°
51.	3645.00	0.30	200.90	3,636.79'	-116.26'	7.04'	116.26'	0.22°
52.	3741.00	0.10	143.20	3,732.79'	-116.57'	7.00'	116.56'	0.27°
53.	3837.00	0.30	118.60	3,828.79'	-116.75'	7.28'	116.75'	0.22°
54.	3933.00	0.10	103.00	3,924.79'	-116.89'	7.58'	116.89'	0.21°
55.	4030.00	0.30	30.70	4,021.79'	-116.69'	7.79'	116.69'	0.29°
56.	4126.00	0.40	70.50	4,117.79'	-116.36'	8.23'	116.36'	0.27°
57.	4255.00	0.80	62.70	4,246.78'	-115.80'	9.46'	115.79'	0.32°
58.	4351.00	1.10	64.00	4,342.77'	-115.09'	10.88'	115.08'	0.31°
59.	4447.00	0.30	263.50	4,438.76'	-114.71'	11.46'	114.70'	1.44°
60.	4544.00	0.30	319.60	4,535.76'	-114.55'	11.04'	114.54'	0.29°
61.	4624.00	0.40	291.30	4,615.76'	-114.29'	10.65'	114.28'	0.25°
Proj.	4670.00	0.40	291.30	4,661.76'	-114.17'	10.35'	114.16'	0.00°

N/S E/W



Tie-In Survey Co.:						Minimum Curvature Calculations		
Surveying Company: Childress Directional						Proposed Azimuth: 180.05°		
Survey No.	M.D.	INCL.	AZM.	TVD	N / -S	E / -W	V. SECT.	DLS / 100'
Tie-In	0.00	0.00	0.00	0.00'	0.00'	0.00'	0.00'	0.00°
1.	410.00	0.00	0.00	410.00'	0.00'	0.00'	0.00'	0.00°
2.	444.00	1.20	131.80	444.00'	-0.24'	0.27'	0.24'	3.53°
3.	537.00	1.10	151.90	536.98'	-1.67'	1.41'	1.67'	0.44°
4.	631.00	1.10	173.80	630.96'	-3.37'	1.93'	3.37'	0.44°
5.	728.00	1.00	208.50	727.95'	-5.04'	1.63'	5.03'	0.65°
6.	760.00	1.00	209.20	759.94'	-5.53'	1.36'	5.52'	0.04°
7.	792.00	2.10	200.90	791.93'	-6.32'	1.02'	6.32'	3.50°
8.	824.00	3.00	193.30	823.90'	-7.68'	0.61'	7.68'	3.00°
9.	856.00	2.90	193.20	855.86'	-9.28'	0.24'	9.28'	0.31°
10.	888.00	4.50	189.10	887.79'	-11.31'	-0.15'	11.31'	5.06°
11.	920.00	5.30	186.80	919.67'	-14.02'	-0.52'	14.02'	2.57°
12.	952.00	6.00	182.00	951.52'	-17.16'	-0.75'	17.16'	2.64°
13.	984.00	6.70	186.00	983.32'	-20.68'	-1.01'	20.69'	2.59°
14.	1016.00	7.70	185.00	1,015.07'	-24.68'	-1.39'	24.68'	3.15°
15.	1048.00	8.40	185.10	1,046.75'	-29.14'	-1.78'	29.14'	2.19°
16.	1080.00	9.30	184.90	1,078.37'	-34.04'	-2.21'	34.05'	2.81°
17.	1112.00	10.80	184.20	1,109.88'	-39.61'	-2.65'	39.61'	4.70°
18.	1208.00	12.30	177.00	1,203.94'	-58.80'	-2.78'	58.80'	2.16°
19.	1240.00	13.30	175.80	1,235.14'	-65.87'	-2.33'	65.87'	3.23°
20.	1273.00	12.20	176.30	1,267.33'	-73.14'	-1.83'	73.14'	3.35°
21.	1305.00	10.60	178.40	1,298.69'	-79.45'	-1.52'	79.45'	5.16°
22.	1337.00	9.20	183.50	1,330.22'	-84.95'	-1.60'	84.95'	5.16°
23.	1370.00	8.00	184.40	1,362.85'	-89.87'	-1.94'	89.87'	3.66°
24.	1402.00	6.80	184.60	1,394.58'	-93.98'	-2.26'	93.98'	3.75°
25.	1434.00	5.50	181.40	1,426.39'	-97.40'	-2.45'	97.40'	4.20°
26.	1466.00	4.50	173.80	1,458.27'	-100.18'	-2.35'	100.18'	3.74°
27.	1498.00	3.40	166.50	1,490.20'	-102.35'	-1.99'	102.35'	3.77°
28.	1530.00	2.30	158.50	1,522.16'	-103.87'	-1.54'	103.87'	3.65°
29.	1562.00	1.10	170.30	1,554.14'	-104.77'	-1.25'	104.77'	3.89°
30.	1629.00	0.70	217.10	1,621.13'	-105.73'	-1.39'	105.74'	1.20°
31.	1723.00	0.80	245.60	1,715.13'	-106.46'	-2.33'	106.46'	0.41°
32.	1851.00	1.10	252.60	1,843.11'	-107.20'	-4.32'	107.20'	0.25°
33.	1947.00	1.10	252.10	1,939.09'	-107.76'	-6.07'	107.76'	0.01°
34.	2043.00	1.10	248.40	2,035.07'	-108.38'	-7.81'	108.39'	0.07°
35.	2171.00	0.20	124.40	2,163.07'	-108.96'	-8.77'	108.97'	0.96°
36.	2267.00	0.10	138.30	2,259.06'	-109.12'	-8.57'	109.12'	0.11°
37.	2363.00	0.10	45.50	2,355.06'	-109.12'	-8.46'	109.13'	0.15°