

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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Form C-102

APR 03 2020

Revised October 12, 2005

Submit to Appropriate District Office

EMNRD-OCDA ARTESIA

Fee Lease - 4 Copies

Fee Lease - 3 Copies

AS DRILLED☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-43180	Pool Code 96836	³ Pool Name Red Lake, Glorieta-Yeso NE
⁴ Property Code 308961	⁵ Property Name EAGLE 35 A FEDERAL	⁶ Well Number 30
⁷ OGRID No. 277558	⁸ Operator Name LIME ROCK RESOURCES II-A, L.P.	⁹ Elevation 3571' 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	35	17-S	27-E		985	NORTH	660	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or IA	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	35	17-S	27-E		988	NORTH	345	EAST	EDDY

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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2661.93'

	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 heretofore entered by the division. Signature: <u>Mike Pippin</u> Date: <u>7/17/19</u> Printed Name: <u>Mike Pippin</u>
	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. 11/12/18 Date of Survey Signature and Seal of Professional Surveyor: Filmon F. Jaramillo 12797 Certificat Number Certificate Number

RP 5/4/20

30-015-~~43180~~
43180

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AUG 01 2019

DISTRICT/ARTESIAO.C.D.

Enclosed, please find the original and one copy of the survey performed on the referenced well by Accel Directional, (Operator No. 301287) supervised by Will Romberg. Other information required by your office is as follows:

Name & Title of Supervisor	Drainhole Number	Surveyed Depths	Dates Performed	Type of Survey
Will Romberg		0' - 5148'	07/09/19 - 07/15/19	MWD

If any other information is required, please contact the undersigned.

A handwritten signature in black ink, appearing to read "Jerry Howard".

Jerry Howard
Well Planner
jhoward@vectrtech.com
832-995-8855

A handwritten signature in black ink, appearing to read "Will Romberg".

Will Romberg
Operations Manager
wromberg@vectrtech.com
405-808-8596



15-43180

State of New Mexico
Eddy County

I, Will Romberg, certify that; I am employed by Accel Directional; that I did on the day(s) of 07/09/2019 through 07/15/2019 conduct or supervise the taking of MWD survey(s) from a depth of 0' feet to a depth of 5148' feet; that the data is true, correct, complete and within the limitations of the tool set forth by Accel Directional; that I am authorized and qualified to make this report; that this report was conducted at the request of Limerock Resources for the Eagle 35A Fed #30, in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Accel Directional.


Jerry Howard
Well Planner


Will Romberg
Operations Manager

15-43180



SURVEY CALCULATION PROGRAM

Minimum Curvature

File:

OPERATOR:	Line Rock Resources	Target Information	VS Referenced to Offset from Surface
WELL:	Eagle 35 A Fed #30	TARGET KBTVD:	0.00
LOCATION:	Eddy Co NM	TARGET INCL:	7.75
FIG:	United 33	TARGET AZM:	89.18
JOB NUMBER:	TX-19-046		(Enter 0° N and 0° E for Surface)
SURVEY COMPANY	DIRECTIONAL COMPANY	PROPOSED DIRECTION:	89.18
Vectr Tech	Vectr Tech	COMMENTS:	Dec / Total Corr.(+/-): 7.04
Directional Drillers	COORDINATORS		
Mark Woods	Bryan McKinney		
Kevin Dowdell	Will Romberg		
Line Rock Resources	Eagle 35 A Fed #30		

Target Calculations																		
TRUE TEMP API Course										Surface CLOSURE			DLS/	BUR/	TVD AT 0'		ABOVE (+)	RIGHT(+)
SVY	MD	INC	AZN	°F	Gamma	Length	TVD	N-S	E-W	Vert Sect	DIST	DIR	100'	100'	V. SEC.	BELOW (-)	LEFT(-)	
1	0	0.00	0.00			0.00	0.00	0.00			0.00	0.00	N/A	N/A				
2	394	0.60	131.10	95		394	393.99	-1.36	1.55	1.54	2.06	131.10	0.15	0.15	382.71	-382.71	1.38	
3	457	0.60	128.00	95		63	456.99	-1.78	2.06	2.04	2.72	130.72	0.05	0.00	442.02	-442.02	1.81	
4	553	7.30	96.60	95		96	552.71	-2.79	8.53	8.48	8.97	108.11	7.08	6.98	490.37	-490.37	2.91	
5	649	7.30	96.60	95		96	647.93	-4.19	20.64	20.58	21.06	101.47	0.00	0.00	496.71	-496.71	4.48	
6	745	7.10	97.40	102		96	743.17	-5.65	32.58	32.50	33.07	99.85	0.23	-0.21	504.36	-504.36	6.12	
7	839	6.90	97.90	102		94	836.47	-7.18	43.94	43.83	44.52	99.28	0.22	-0.21	514.41	-514.41	7.81	
8	936	6.60	98.40	102		97	932.80	-8.79	55.22	55.09	55.92	99.05	0.32	-0.31	527.98	-527.98	9.58	
9	1,031	8.10	72.00	102		95	1027.04	-7.52	66.99	66.88	67.42	96.41	3.85	1.58	535.62	-535.62	8.48	
10	1,128	7.90	71.50	102		97	1123.10	-3.30	79.82	79.76	79.88	92.36	0.22	-0.21	537.03	-537.03	4.44	
11	1,223	7.40	82.00	102		95	1217.26	-0.37	92.07	92.05	92.07	90.23	1.56	-0.53	540.88	-540.88	1.69	
12	1,319	7.30	84.10	102		96	1312.47	1.11	104.25	104.26	104.26	89.39	0.30	-0.10	546.38	-546.38	0.38	
13	1,415	6.90	85.30	95		96	1407.73	2.21	116.07	116.09	116.09	88.91	0.44	-0.42	554.73	-554.73	-0.55	
14	1,511	6.50	85.40	95		96	1503.08	3.12	127.23	127.26	127.27	88.59	0.42	-0.42	567.96	-567.96	-1.30	
15	1,606	6.20	83.30	95		95	1597.50	4.15	137.69	137.73	137.75	88.27	0.40	-0.32	585.46	-585.46	-2.18	
16	1,702	6.00	81.90	102		96	1692.95	5.46	147.80	147.87	147.90	87.88	0.26	-0.21	606.45	-606.45	-3.35	
17	1,798	7.70	89.30	95		96	1788.27	6.25	159.20	159.28	159.32	87.75	1.99	1.77	617.93	-617.93	-3.97	
18	1,894	7.60	89.20	95		96	1883.41	6.42	171.98	172.05	172.10	87.86	0.11	-0.10	619.18	-619.18	-3.95	
19	1,990	7.40	88.30	95		96	1978.59	6.69	184.51	184.58	184.63	87.92	0.24	-0.21	622.29	-622.29	-4.05	
20	2,086	7.10	88.80	95		96	2073.82	7.00	196.62	196.70	196.74	87.96	0.32	-0.31	628.51	-628.51	-4.18	
21	2,182	7.00	87.60	95		96	2169.10	7.37	208.40	208.48	208.53	87.98	0.19	-0.10	637.22	-637.22	-4.38	
22	2,278	6.80	86.80	95		96	2264.40	7.93	219.91	220.01	220.06	87.94	0.23	-0.21	647.83	-647.83	-4.78	
23	2,380	6.60	86.20	95		102	2365.70	8.65	231.79	231.89	231.95	87.86	0.21	-0.20	661.79	-661.79	-5.33	
24	2,476	7.40	104.50	95		96	2461.00	7.47	243.28	243.37	243.40	88.24	2.46	0.83	672.78	-672.78	-3.99	
25	2,572	7.70	96.30	95		96	2556.17	5.22	255.66	255.71	255.72	88.83	1.16	0.31	677.24	-677.24	-1.56	
26	2,667	7.80	94.20	95		95	2650.30	4.05	268.42	268.45	268.45	89.14	0.32	0.11	677.79	-677.79	-0.20	
27	2,763	7.60	96.30	95		96	2745.44	2.87	281.22	281.24	281.24	89.41	0.36	-0.21	678.95	-678.95	1.15	
28	2,859	7.50	95.90	95		96	2840.61	1.53	293.77	293.76	293.77	89.70	0.12	-0.10	682.11	-682.11	2.67	
29	2,954	4.70	91.90	95		95	2935.06	0.77	303.83	303.81	303.83	89.86	2.98	-2.95	702.74	-702.74	3.58	
30	3,050	1.40	61.40	95		96	3030.91	1.20	308.79	308.77	308.79	89.78	3.71	-3.44	762.09	-762.09	3.22	
31	3,146	1.40	57.30	95		96	3126.88	2.39	310.80	310.81	310.81	89.56	0.10	0.00	843.12	-843.12	2.06	
32	3,242	1.30	55.80	95		96	3222.86	3.64	312.69	312.71	312.71	89.33	0.11	-0.10	925.10	-925.10	0.84	
33	3,338	1.30	58.40	95		96	3318.83	4.82	314.52	314.56	314.56	89.12	0.06	0.00	1007.52	-1007.52	-0.32	
34	3,434	0.20	113.30	95		96	3414.82	5.32	315.60	315.65	315.65	89.03	1.25	-1.15	1095.51	-1095.51	-0.81	
35	3,530	0.30	176.30	95		96	3510.82	5.01	315.77	315.81	315.81	89.09	0.29	0.10	1190.29	-1190.29	-0.49	
36	3,627	0.40	163.70	95		97	3607.82	4.43	315.88	315.91	315.91	89.20	0.13	0.10	1286.53	-1286.53	0.09	
37	3,723	0.50	161.50	95		96	3703.82	3.71	316.11	316.13	316.13	89.33	0.11	0.10	1380.94	-1380.94	0.81	
38	3,819	0.50	163.60	95		96	3799.82	2.91	316.36	316.37	316.37	89.47	0.02	0.00	1475.17	-1475.17	1.62	
39	3,915	0.40	152.40	95		96	3895.81	2.21	316.63	316.63	316.64	89.60	0.14	-0.10	1569.23	-1569.23	2.32	
40	4,010	0.40	157.70	95		95	3990.81	1.61	316.91	316.90	316.92	89.71	0.04	0.00	1662.24	-1662.24	2.92	
41	4,106	0.30	154.30	95		96	4086.81	1.07	317.15	317.13	317.15	89.81	0.11	-0.10	1756.56	-1756.56	3.46	
42	4,202	0.01	204.70	95		96	4182.81	0.84	317.26	317.24	317.26	89.85	0.31	-0.30	1851.81	-1851.81	3.70	
43	4,298	0.01	88.90	95		96	4278.81	0.83	317.26	317.24	317.26	89.85	0.02	0.00	1947.77	-1947.77	3.71	
44	4,393	0.01	160.10	95		95	4373.81	0.83	317.27	317.25	317.27	89.85	0.01	0.00	2042.69	-2042.69	3.71	
45	4,489	0.10	227.40	95		96	4469.81	0.76	317.21	317.19	317.21	89.86	0.10	0.09	2139.13	-2139.13	3.78	
46	4,585	0.20	164.00	95		96	4565.81	0.54	317.20	317.17	317.20	89.90	0.19	0.10	2235.27	-2235.27	4.00	
47	4,681	0.50	187.70	95		96	4661.81	-0.03	317.19	317.15	317.19	90.01	0.34	0.31	2331.40	-2331.40	4.57	
48	4,777	0.30	195.90	95		96	4757.80	-0.69	317.06	317.02	317.06	90.12	0.22	-0.21	2428.38	-2428.38	5.23	
49	4,873	0.40	228.30	95		96	4853.80	-1.15	316.74	316.69	316.75	90.21	0.23	0.10	2526.78	-2526.78	5.69	
50	4,968	0.60	223.70	102		95	4948.80	-1.73	316.15	316.09	316.16	90.31	0.21	0.21	2626.18	-2626.18	6.26	
51	5,064	0.50	223.10	102		96	5044.79	-2.40	315.52	315.45	315.53	90.44	0.10	-0.10	2726.90	-2726.90	6.92	
52	5,104	0.50	236.20	102		40	5084.79	-2.63	315.25	315.18	315.27	90.48	0.29	0.00	2768.86	-2768.86	7.14	
PTB	5,148	0.50	236.20	102		44	5128.79	-2.84	314.94	314.86	314.95	90.52	0.00	0.00	2815.23	-2815.23	7.35	