

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

FEB 25 2016 Revised October 12, 2005

Submit to Appropriate District Office

RECEIVED

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-015-39459	² Pool Code 51300	³ Pool Name Red Lake, Queen-Grayburg-San Andres
⁴ Property Code 308944	⁵ Property Name EAGLE 33 O FEDERAL	⁶ Well Number 19
⁷ OGRID No. 277558	⁸ Operator Name LIME ROCK RESOURCES II-A, L.P.	⁹ Elevation 3522' 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
O	33	17-S	27-E		290	SOUTH	2210	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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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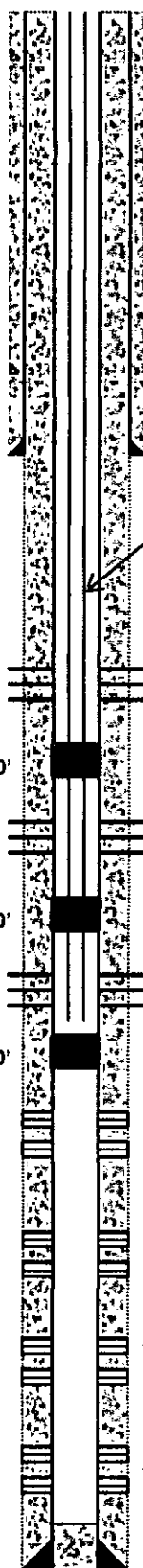
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

				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>2/17/16</u> <u>Mike Pippin</u> Printed Name
				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> 2/14/11 Date of Survey Signature and Seal of Professional Surveyor: Ronald F. Eidson 3239 Certificate Number



San Andres Recompletion
LRR II-A, L.P.
AFE #R16005

Eagle 33 O Federal #19
Sec 33-17S-27E (SW O)
290' FSL, 2210' FEL
Elevation – 3,533.8' RKB
API # 30-015-39459
Eddy County, NM



8-5/8", 24#, J-55 ST&C Casing @ 391'. Circ 138 sx to Surface. (9/30/2011)

2-7/8"; 6.5#, L-80 Tubing, TAC at 1300', SN at 2530', 4' slotted sub, 1 jt MA w BP at 2565', 23-1" D rods (16 current), 74 - 7/8" D rods (current), 4-1.5" kbars, 2.5"x2"x20' RHBC-HVR pump, American 320-256-120 - 30 HP; 120" SL at 9 spm

Stage #3 San Andres: 113', 1500 g 15% HCL, 30,000 # 100 Mesh, 1400'-1513', 25 holes, 119,700 # 40/70, 4114 bbls water, 80 + BPM 1 SPF

Stage #2 San Andres: 341', 1500 g 15% HCL, 30,000 # 100 Mesh, 1820'-2161', 34 holes, 324,450 # 40/70, 7614 bbls water, 80 + BPM 1 SPF

Stage #1 San Andres: 315', 1500 g 15% HCL, 30,000 # 100 Mesh, 2260'-2575', 29 holes, 324,450 # 40/70, 7614 bbls water, 80 + BPM 1 SPF

Perfs: 2,783' - 3,058' (1 SPF - 40 holes @ 0.4" EHD minimum and 29" penetration minimum) 5/17/13

Perfs: 3,101' - 3,386' (1 and 2 SPF - 40 holes @ 0.4" EHD minimum and 29" penetration minimum) 10/22/11

Perfs: 3,445' - 3,736' (1 SPF - 40 holes @ 0.4" EHD minimum and 29" penetration minimum) 10/22/11

Perfs: 3,890' - 4,224' (1 and 2 SPF - 40 holes @ 0.4" EHD minimum and 29" penetration minimum) 10/22/11

PBTD @ 4,366'

Stim: Acidize w/ 2000 gals 7.5% and 80 ball sealers. Frac w/ 53,802 gal Viking 2000 x-linked gel, 78,216 lbs 16/30 White sand and 19,490 lbs SiberProp

Stim: Acidize w/ 5040 gals 15% and 80 ball sealers. Frac w/ 58,288 gal Viking 2000 x-linked gel, 62,945 lbs 16/30 Brady sand and 16,123 lbs SiberProp

Stim: Acidize w/ 2852 gals 15% and 80 ball sealers. Frac w/ 73,268 gal Viking 2000 x-linked gel, 66,555 lbs 16/30 Brady sand and 16,770 lbs SiberProp

Stim: Acidize w/ 3000 gals 15% and 80 ball sealers. Frac w/ 65,733 gal Viking 2000 x-linked gel, 73,377 lbs 16/30 Brady sand and 17,935 lbs SiberProp

5-1/2"; 17#, J-55; ST&C Casing @ 4,413'. Circ 287 sx to Surface. (10/6/2011)

TD @ 4,430'

GEOLOGY

Zone	Top
Queen	799'
Grayburg	1,198'
Premier	1,398'
San Andres	1,434'
MSA	1,725'
LSA	2,331'
Glorieta	2,782'
Yeso	2,900'
Tubb	4,286'

SURVEYS

Degrees	Depth
1/4	385'
1/4	1,015'
3/4	1,491'
1-1/4	1,995'
1	2,524'
1-1/2	3,095'
1	4,038'
1/2	4,415'