

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



EAGLE 34 J FEDERAL #63 - 30-015-41446

### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Mike Pippin

Print or Type Name

*Mike Pippin*  
Signature

Petroleum Engineer

Title

June 12, 2017

Date

mike@pippinllc.com

e-mail Address

- DHC - 4815

- Lim & Rock Resources,  
#-A, LP

277558

2017 JUN 13 PM 3:47

RECEIVED 000

Well  
- Eagle 345 Fed  
# 63  
30-015-41446

Pool  
- Red Lake  
Glenn  
5130  
- Red Lake  
No. 1  
836

LIME ROCK RESOURCES II-A, L.P.  
Mike Pippin  
3104 N. Sullivan Avenue  
Farmington, NM 87401  
505-327-4573 (phone) mike@pippinllc.com

June 12, 2017

NMOCD  
Attention: Mike McMillan  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**RE: C-107A TO COMMINGLE TWO POOLS**  
EAGLE 34 J FEDERAL #63 – API#: 30-015-41446  
Unit Letter "J" Section 34 T17S R27E  
Eddy County, New Mexico

Dear Mr. McMillan,

The referenced oil well was completed in the Red Lake, Glorieta-Yeso NE (96836) on 2/24/14. On 5/24/17, the BLM approved the attached sundry to recomplete this well into the Red Lake, Queen-Grayburg-San Andres (51300) with the Yeso perms shut-in below a CBP. The well is currently producing as a single Yeso oil well averaging about 13 BOPD and 50 MCF/D. Interests in these two pools are identical. A commingle application will be submitted to the BLM following a stabilized test of the San Andres alone.

The production allocations will be calculated using the current Yeso production and a stabilized test of the San Andres alone. We plan to submit these calculations and the resulting allocations to the district office after the well has been on line for about 2 months.


Please contact me at 505-327-4573 should you have any questions.

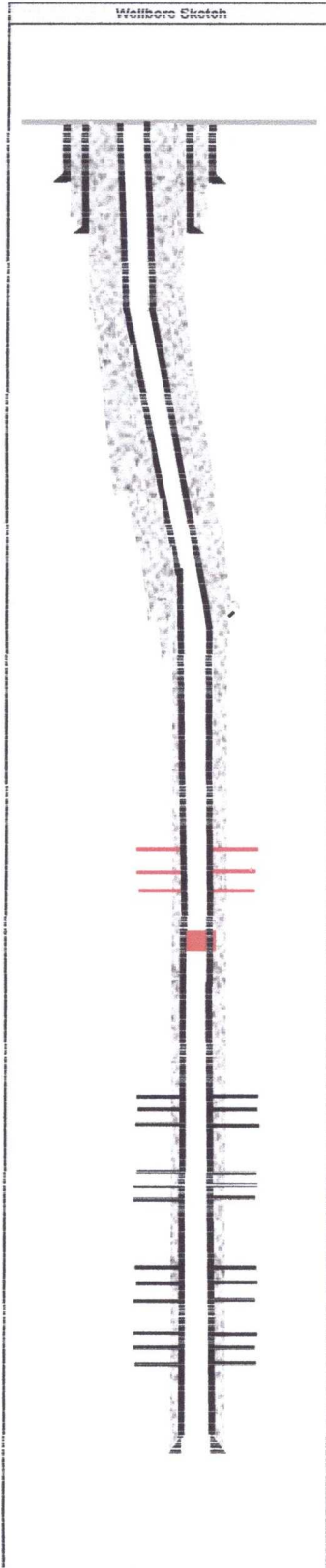
Very truly yours,



Mike Pippin

Petroleum Engineer

 <b>LIME ROCK RESOURCES</b>	County	EDDY	Well Name	Eagle 34J Federal #63	Field	Red Lake: Glorieta-Yeso NE	AFE # R17005	San Andres Recompletion			
	Surface Lat:	32.7895447°N	BH Lat:	32.7896275°N	Survey:	Sec.34, T17S-R27E (NW of J)	API #	30-015-41446			
	Surface Long:	104.2654517° W	BH Long:	104.2650138° W	Surface:	2280' FSL & 2445' FEL	OGRID #	277558			
<b>Directional Data:</b>		<b>Tubular Data</b>							<b>Wellhead Data</b>		
KOP	2295'	MD/TVD							Type:		
Max Dev:	19.4° at 2680' MD, 2671' TVD	Conductor	20"	91.5#	B	Weld	60'	60'	WVP:		
Dleg sev:	3.0° - 5°	Surface	8 5/8"	24#	J-55	STC	352'	352'	Tree Cap	Flange:	
Dev @ Perfs	0.5°	Intermediate							Thread:		
Ret to Vert:	3161' MD, 3143' TVD	Production	5 1/2"	17#	J-55	LTC	4,740'	4,758'	Tbg Hanger:		
		Liner							STM Flange:		
<b>Drilling / Completion Fluid</b>		<b>CEMENT DATA</b>							BPV Profile:		
Drilling Fluid: 10 PPG Drine / Salt Gel			L/sks	Yld	Wt	T/sks	Yld	Wt	XC	Elevations:	GR - RKB = 11.8'
Drilling Fluid:		Surface	280	1.35	14.8				71	RKB:	3,587.8'
Completion Fluid: 2% KCL		Intermediate								GL:	3,576.0'
Completion Fluid:		Liner									
Packer Fluid: NA		Production	300	1.9	12.8	670	1.15	14.8	60		



Completion Information						
DEPTHS (TVD)	FORMATION TOPS /	PERFORATIONS			# of HOLES	DETAILS
		from		to		
60'	26" Hole					20" Conductor Pipe
352'	12 1/4" hole					8-5/8" Surface Csg Cmt'd to surf - circ 71 sks
847'	Queen Sand					
1,308'	Grayburg Formation					
1,566'	San Andres Formation					
2,295'	KOP 7 7/8" hole					3.0" - 5"/100' Build rate
2680'	19.4° Tangent at 2680'MD, 2671' TVD					
2776'	End of Tangent - Drop					Drop at 4 deg/100'

District I  
1625 N. French Drive, Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Oil Conservation Division

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-107A  
Revised June 10, 2003

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

LIME ROCK RESOURCES II-A, L.P.

c/o Mike Pippin LLC (agent), 3104 N. Sullivan, Farmington, NM 87401

Operator

Address

EAGLE 34 J FEDERAL #63

J SEC. 34 T17S R27E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 277558 Property Code 308956 API No. 30-015-41446 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	RED LAKE; Queen-Grayburg-San Andres		RED LAKE; Glorieta-Yeso, NE
Pool Code	51300		96836
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2480'-2861'		3040'-4280'
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	690 psi		851 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	35.4		37.8
Producing, Shut-In or New Zone	Prospective		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: RATES:	Date: Rates:	Date: March 4, 2017 Rates: 13 BOPD 50 MCF/D 229 BWPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil      Gas %      %	Oil      Gas %      %	Oil      Gas %      %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes ☒ No ☐

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.

Production curve for each zone for at least one year. (If not available, attach explanation.)

For zones with no production history, estimated production rates and supporting data.

Data to support allocation method or formula.

Notification list of working, royalty and overriding royalty interests for uncommon interest cases.

Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

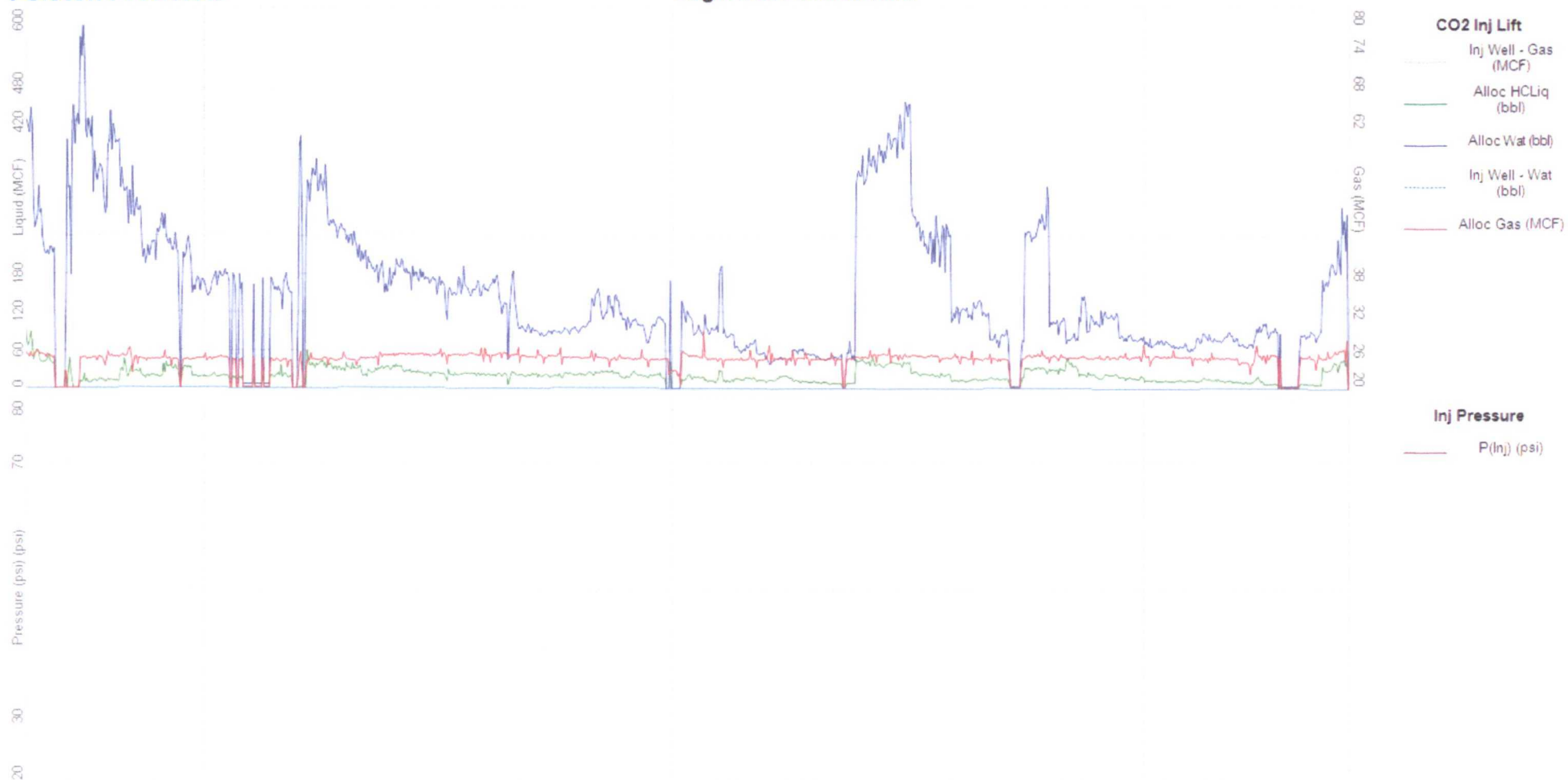
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE June 12, 2017

TYPE OR PRINT NAME Mike Pippin TELEPHONE NO. ( 505 ) 327-4573

E-MAIL ADDRESS mike@pippinllc.com



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0557370
2. Name of Operator LIME ROCK RESOURCES II A LP Contact: MIKE PIPPIN E-Mail: MIKE@PIPPINLLC.COM		6. If Indian, Allottee or Tribe Name
3a. Address 1111 BAGBY STREET SUITE 4600 HOUSTON, TX 77002	3b. Phone No. (include area code) Ph: 505-327-4573	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T17S R27E NWSE 2280FSL 2445FEL 32.789545 N Lat, 104.265452 W Lon		8. Well Name and No. EAGLE 34 J FEDERAL 63
		9. API Well No. 30-015-41446-00-S1
		10. Field and Pool or Exploratory Area RED LAKE RED LAKE-GLORIETA-YESO
		11. County or Parish, State EDDY COUNTY, NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

THIS IS A REQUEST TO RECOMPLETE THIS YESO WELL TO THE SAN ANDRES.

MIRUSU TOH w/rods, pump, & tbg. Set a 5-1/2" CBP @ ~3000' & PT CBP & 5-1/2" csg to ~3500 psi. (Existing Yeso perms are at 3040'-4280'). Perf lower San Andres @ ~2480'-2861' w/about ~36 holes. Treat new perms w/about ~1500 gal 15% HCL & frac w/30,000# 100 mesh & 368,340# 40/70 sand in slick water.

CO after frac to CBP @ 3000'. Land 2-7/8" 6.5# L-80 production tbg @ ~2740'. Run pump & rods. Release workover rig. Complete as a single San Andres oil well. See the attached wellbore diagram & C-102 for the new pool. Following a test of the SA alone and the approval of both the State & BLM DHC applications, the CBP @ 3000' will be removed and the well DHC.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #369386 verified by the BLM Well Information System For LIME ROCK RESOURCES II A LP, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 03/10/2017 (17PP0388SE)	
Name (Printed/Typed) MIKE PIPPIN	Title PETROLEUM ENGINEER
Signature (Electronic Submission)	Date 03/10/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By PAUL SWARTZ	Title TECHNICAL PET	Date 05/24/2017
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**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 &amp; Natural Resources Department

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.

Santa Fe, NM 87505

**AS-DRILLED**

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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

<sup>1</sup> API Number 30-015-41446	<sup>2</sup> Well Code 51300	<sup>3</sup> Well Name Red Lake, Queen-Grayburg-San Andres
<sup>4</sup> Property Code 308956	<sup>5</sup> Property Name EAGLE 34 J FEDERAL	<sup>6</sup> Well Number 63
<sup>7</sup> GRID No. 277558	<sup>8</sup> Operator Name LIME ROCK RESOURCES II-A, L.P.	<sup>9</sup> Elevation 3576' GL

**<sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	34	17-S	27-E		2280	SOUTH	2445	EAST	EDDY

**<sup>11</sup> 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
J	34	17-S	27-E		2300	SOUTH	2283	EAST	EDDY

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

	<b><sup>17</sup> OPERATOR CERTIFICATION</b> 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 undivided 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.  Signature: <i>Mike Pippin</i> Date: 3/9/17  Printed Name: Mike Pippin
	<b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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.  Date of Survey: 3/2/12 Signature and Seal of Professional Surveyor: Filmont F. Jaramillo  12797 Certificate Number

2630.39'

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  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

**AS DRILLED**

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-015-41446		<sup>2</sup> Pool Code 96836		<sup>3</sup> Pool Name Red Lake, Glorieta-Yeso NE	
<sup>4</sup> Property Code 308956		<sup>5</sup> Property Name EAGLE 34 J FEDERAL			<sup>6</sup> Well Number 63
<sup>7</sup> OGRID No. 277558		<sup>8</sup> Operator Name LIME ROCK RESOURCES II-A, L.P.			<sup>9</sup> Elevation 3576' GL

<sup>10</sup> Surface Location

UL or lot no. J	Section 34	Township 17-S	Range 27-E	Lot Idn	Feet from the 2280	North/South line SOUTH	Feet from the 2445	East/West line EAST	County EDDY
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. J	Section 34	Township 17-S	Range 27-E	Lot Idn	Feet from the 2300	North/South line SOUTH	Feet from the 2283	East/West line EAST	County EDDY
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<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

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.

<p>Diagram showing well location on a grid. The grid is 34 sections wide and 27 ranges high. The well location is marked with a dot at the intersection of section 34 and range 27. The distance from the surface to the bottom hole is 2283 feet. The distance from the surface to the bottom hole is 2445 feet. The distance from the surface to the bottom hole is 2280 feet. The distance from the surface to the bottom hole is 2300 feet. The distance from the surface to the bottom hole is 2687.19 feet. The distance from the surface to the bottom hole is 2630.39 feet.</p>				<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>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.</p> <p>Signature: <u>Mike Pippin</u> Date: <u>2/3/14</u></p> <p>Mike Pippin Printed Name</p>	
				<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>5/2/12</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Filmon F. Jaramillo</p> <p>12797</p> <p>Certificate Number</p>	

2630.39'