

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**LIME ROCK RESOURCES II-A, L.P.**

3a. Address c/o Mike Pippin LLC  
3104 N. Sullivan, Farmington, NM 87401

3b. Phone No. (include area code)  
505-327-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

290' FSL & 2210' FEL Unit O  
Sec. 33, T17S, R27E

5. Lease Serial No.

**NM 025528**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**EAGLE 33 O FEDERAL #19**

9. API Well No.

**30-015-39459**

10. Field and Pool, or Exploratory Area

Red Lake: Glorieta-Yeso NE (96836)

AND

Eddy County, New Mexico

**12. CHECK 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 checked="" type="checkbox"/> Fracture Treat <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 type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other Payadd Workover
	<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 Operations (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 shall 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 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Lime Rock would like to perform a payadd workover as follows: MIRUSU. TOH w/all production equipment. Set a 5-1/2" CBP @ about 3090'. PT CBP & 5-1/2" csg. (The existing Yeso perms are at 3101'-4223'). Perf additional Glorieta/upper Yeso @ about 2783'-3057' w/about 38 holes. Stimulate the new perms w/about 2000 gal 7.5% NEFE acid & frac w/about 96,750# 16/30 sand in X-linked gel. CO after frac, drill out CBP @ 3090', & CO to about 4366'. Re-land 2-7/8" 6.5# J-55 tbg @ about 4373'. Run pump & rods. Release workover rig. Complete as a single Glorieta/Yeso oil well. See the attached wellbore diagram.

**RECEIVED**

**MAR 26 2013**

**NMOCD ARTESIA**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**Mike Pippin**

Title

**Petroleum Engineer (Agent)**

Signature

*Mike Pippin*

Date

**March 18, 2013**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*James R. Davis*

Title

**SEAS**

Date

**3-24-13**

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

**CEO**

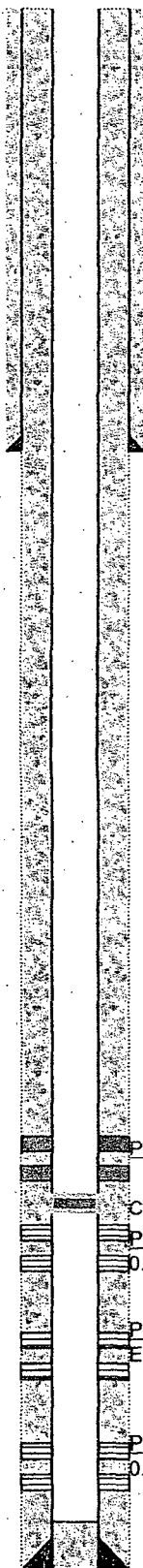
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**LIME ROCK  
RESOURCES**

## Proposed Pay Add AFE W13044

**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)

Proposed Perfs: 2,783' – 3,057' (1 SPF – 38 holes)

CBP @ 3,090'

Perfs: 3,101' – 3,386' (1 and 2 SPF – 40 holes @ 0.4" EHD minimum and 29" penetration minimum)

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

Perfs: 3,890' – 4,220' (1 and 2 SPF - 40 holes @ 0.4" EHD minimum and 29" penetration minimum)

PBTD @ 4,366'

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

TD @ 4,430'

Proposed Stim: Acidize w/ 2000 gals 15%. Frac w/ 78,750 gal Viking 2000 x-linked gel, 750 lbs 16/30 Brady sand and 18,000 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/ 3300 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

### 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'