

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)

2310' FSL & 2390' FWL Unit K

OGRID#: 277558

Sec. 3, T18S, R27E

5. Lease Serial No.

NMLC 065478-B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

FALCON 3 K FEDERAL #28

9. API Well No.

30-015-39948

10. Field and Pool, or Exploratory Area

Red Lake: Glorieta-Yeso (51120)

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 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 checked="" 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 recomple 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 recompletion 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 on this oil well as follows: MIRUSU. TOH w/all production equipment. Set a 5-1/2" CBP @ ~3360'. (Existing Yeso perms are @ 3375'-4580'). Perf additional Glorieta/Yeso @ about 3120'-3227' w/~25 holes. Stimulate w/about 1000 gal 7.5% HCL acid, & frac w/about 81,500# 16/30 sand in X-linked gel. CO after frac, drill out CBP @ 3360', & CO to CIBP @ 4652'. Re-land 2-7/8" 6.5# J-55 tbg @ ~4507'. Run pump & rods. Release rig. Complete as a single Glorieta/Yeso oil well.

Accepted for record
NMOCD

LRDade 5/28/2013

RECEIVED

MAY 28 2013

NMOCD ARTESIA

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Name (Printed/Typed)

Mike Pippin

Title

Petroleum Engineer (Agent)

Signature

Mike Pippin

Date

May 9, 2013

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

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.

APPROVED

MAY 24 2013

BUREAU OF LAND MANAGEMENT

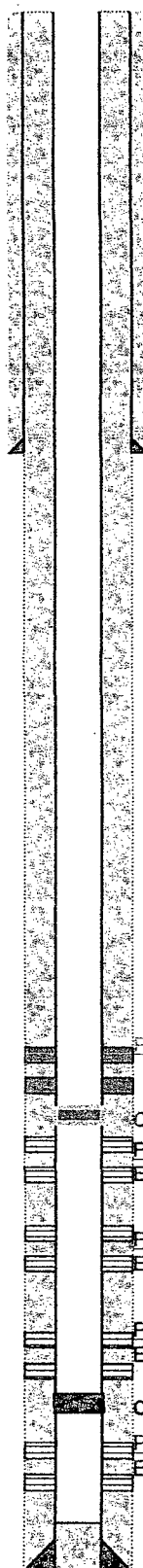
RECORDS FIELD OFFICE



**LIME ROCK
RESOURCES**

Proposed Pay Add Workover

**Falcon 3K Federal #28
Sec 3-18S-27E (NE K)
2,310' FSL, 2,390' FWL
Elevation – 3,562' RKB
API # 30-015-39948
Eddy County, NM**



8-5/8", 24#, J-55 ST&C Casing @ 397'. Circ 176 sx to Surface. (3/28/2012)

Proposed Perfs: 3,120' – 3,227' (1 SPF – 25 holes)

CBP @ 3,360'

Perfs: 3,375' – 3,715' (1 SPF – 40 holes @ 0.41" EHD minimum and 33" penetration minimum)

Perfs: 3,821' – 4,151' (1 SPF – 41 holes @ 0.41" EHD minimum and 33" penetration minimum)

Perfs: 4,230' – 4,581' (1 SPF - 44 holes @ 0.41" EHD minimum and 33" penetration minimum)

CIBP @ 4,652'

Perfs: 4,703' – 4,990' (1 SPF - 56 holes @ 0.41" EHD minimum and 31" penetration minimum)

PBTD @ 5,039'

5-1/2", 17#, J-55; ST&C Casing @ 5,087'. Circ 103 sx to Surface. (4/5/2012)

TD @ 5,087'

Proposed Stim: Acidize w/ 1000 gals 15%. Frac w/ 41,00 gal Viking 2000 x-linked gel, 63,500 lbs 16/30 Brady sand and 18,000 lbs SiberProp

Stim: Acidize w/ 3990 gals 7.5%. Frac w/ 95,351 lbs 16/30 Brady sand and 18,535 lbs SiberProp in a x-linked gel.

Stim: Acidize w/ 3500 gals 7.5%. Frac w/ 89,482 lbs 16/30 Brady sand and 18,565 lbs SiberProp in a x-linked gel.

Stim: Acidize w/ 3500 gals 7.5%. Frac w/ 83,841 lbs 16/30 Brady sand and 20,943 lbs SiberProp in a x-linked gel.

Stim: Acidize w/ 3,000 gals 7.5%. Frac 86,968 lbs 16/30 Brady sand in a x-linked gel.

GEOLOGY

Zone	Top
Queen	860'
Grayburg	1,330'
San Andres	1,603'
Glorieta	3,017'
Yeso	3,152'
Tubb	4,677'

SURVEYS

Degrees	Depth
.75°	258'
.5°	917'
.6°	1,426'
.75°	1,923'
.5°	2,400'
.8°	2,902'
1°	3,399'
.3°	3,903'
.1°	4,437'
.6°	4,897'
1.5°	5,092'

**Falcon 3 K Federal 28
30-015-39948
LRE Operating, LLC.
May 24, 2013
Conditions of Approval**

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

- 1. Must conduct a casing integrity test before any perforating or fracturing can be done. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure.**
- 2. If CIT does not fail, work is approved as written.**
3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
4. Surface disturbance beyond the originally approved pad must have prior approval.
5. Closed loop system required.
6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
7. Operator to have H2S monitoring equipment on location.
8. A minimum of a 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 9. Subsequent sundry required detailing work done. Operator to include well bore schematic of current well condition when work is complete.**

JAM 052413