

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OCD Artesia
FEB 20 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS **ARTESIA**

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

5. Lease Serial No.
NMLC-028755-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
LOGAN B 35 N FEDERAL #18

9. API Well No.
30-015-40807

10. Field and Pool, or Exploratory Area
Red Lake: Glorieta-Yeso NE (96836)
AND
Eddy County, New Mexico

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)
330' FSL & 2310' FWL Unit N OGRID#: 277558
Sec. 35, T17S, R27E

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 <u>Completion</u> |
| | <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 recomplete 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.)

On 1/29/13, PT 5-1/2" csg to 5000 psi for 30 mini-OK. Perfed lower Yeso @ 3604', 10', 27', 36', 40', 46', 52', 60', 67', 75', 82', 90', 95', 3710', 15', 22', 26', 33', 36', 43', 54', 56', 62', 67', 80', 85', 89', 3800', 05', 14', 33', 46', 57', 66', 71', 78', 86', 92', 96', 3906', 10' w/1-0.42" spf. Total 41 holes. On 1/31/13, treated perms w/2000 gal 7.5% HCL acid & 62 perf balls. Fraced perms w/74,877# 16/30 Brady & 14,219# 16/30 siber prop sand in X-linked gel. Set 5-1/2" CBP @ 3575' & PT to 4000 psi-OK. Perfed middle Yeso @ 3326', 36', 42', 50', 55', 60', 70', 83', 90', 95', 3403', 09', 20', 26', 30', 36', 44', 52', 64', 68', 75', 82', 90', 3500', 14', 20', 26', 28', 34', 40', 46' w/1-0.42" spf. Total 31 holes. Treated perms w/1000 gal 7.5% HCL acid & 47 perf balls. Fraced perms w/51,053# 16/30 Brady & 12,971# 16/30 siber prop sand in X-linked gel. Set 5-1/2" CBP @ 3295' & PT to 4000 psi-OK.

Perfed Glorieta/upper Yeso @ 3032', 38', 50', 62', 68', 74', 79', 88', 95', 3105', 15', 22', 28', 36', 44', 50', 60', 65', 70', 75', 80', 85', 90', 95', 3200', 05', 10', 15', 20', 25', 30', 35', 40', 45', 53', 65' w/1-0.42" spf. Total 36 holes. Treated perms w/1554 gal 7.5% HCL acid & 56 perf balls. Fraced perms w/50,768# 16/30 brady & 10,818# 16/30 siber prop sand. On 2/1/13, MIRUSU. CO after frac & drilled CBPs @ 3295' & 3575' & CO to new PBD @ 3960'. On 2/2/13, landed 2-7/8" 6.5# J-55 tbg @ 3930'. Ran pump & rods. Released completion rig on 2/4/13.

RDado 2/2/13

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

| | |
|--|--|
| Name (Printed/Typed) Mike Pippin | Title Petroleum Engineer (Agent) |
| Signature <i>Mike Pippin</i> | Date February 4, 2013 |

Accepted for record
NMOCD
ACCEPTED FOR RECORD
February 4, 2013

THIS SPACE FOR FEDERAL OR STATE USE

| | | |
|---|--|----------------------------|
| Approved by | Title | Date FEB 16 2013 |
| 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 BUREAU OF LAND MANAGEMENT | |

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.

[Handwritten signatures and stamps]
CARLSBAD FILED
[Signature]