

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB No 1004-0135  
Expires: January 31, 2004

## 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 reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Lime Rock Resources II-A, L.P.

3a. Address

1111 Bagby St., Suite 4600, Houston, TX 77002

3b. Phone No. (include area code)

713-292-9526

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

900' FSL and 900' FEL, Sec. 34-T17S-R27E

5. Lease Serial No.

NM-29270

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Eagle 34 P Federal #59

9. API Well No.

30-015-39767

10. Field and Pool, or Exploratory Area

Red Lake; Glorieta-Yeso

11. County or Parish, State

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 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 <b>Change Production</b>
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>casing cement slurry</b>
	<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 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.)

Lime Rock Resources II-A, L.P. (hereafter referred to as "LRR II-A") spud the Eagle 34 P Federal #59 Saturday, January 14, 2012 at 00:01 hrs. Since the original plan was devised and permitted for this well, two events have changed. LRR II-A received a division order title opinion stating the mineral rights on this lease end before the permitted total depth, and the company switched cement vendors from Halliburton to Baker Hughes, Inc.

LRR II-A intends to drill the well to 3,660' MD/TVD instead of the permitted 4,500' MD/TVD.

LRR II-A respectfully requests to change the long string cement lead and tail slurries, along with the cement volumes to accommodate blends currently in use, and the new total depth of the well. LRR II-A would like to pump a lead slurry of 300 sacks of 35:65 Poz/Class C cement with 5% by weight Sodium Chloride, 0.25 lbs/sack Cello Flake, 5 lbs/sack LCM-1, 6% by weight bentonite, and 88.9% mix water with the lead slurry mixed at 12.8 ppg, with a yield of 1.84 cubic feet per sack and intended to cover the annular volume between the surface and production casings as well as 1400' of open hole with an excess of 80%. LRR II-A would like to pump 375 sacks of Class C cement with 0.2% by weight of R-3, 0.25 lbs per sack of Cello Flake and 56% mix water with the tail slurry being mixed at 14.8 ppg with a yield of 1.328 cubic feet per sack and intended to cover 1900' of annular volume between the 7-7/8" hole and the 5-1/2" casing with an excess volume of 50%. The total cement program will be 300 sx of lead slurry and 375 sx of tail slurry all mixed at 5.5 to 6 bpm and displaced at 7.2 or higher bpm with fresh water.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Robert S. (Sid) Ashworth

Signature

Date

01/17/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

Date JAN 17 2012

WESLEY W. INGRAM  
REGISTERED ENGINEER

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)