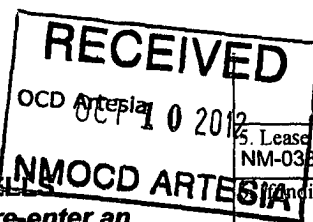


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.

5. Lease Serial No.
NM-038865
Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Lime Rock Resources II-A, L.P.

3a. Address
1111 Bagby Street, Suite 4600, Houston, Texas 77002

3b. Phone No. (include area code)
713-292-9510

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2210' FSL and 330' FWL, Section 33, T17S, R27E

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

8. Well Name and No.
Eagle 33 I Federal #17

9. API Well No.
30-015-40446

10. Field and Pool or Exploratory Area
Artesia; Glorieta-Yeso (51120)

11. County or Parish, State
Eddy County, New Mexico

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 checked="" 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 Ream to 17-1/2"
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	hole and set 13-3/8"
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	contingency casing strg

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 recompleat 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 recompleat 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)

Lime Rock Resources II-A, L.P. spud the Eagle 33 I Federal #17 on Sunday, September 2, 2012 with plans to drill at 12-1/4" hole to 360' and set 8-5/8" casing at the same depth. At 67', total circulation was lost. After reporting the loss of circulation, the company drilled to 334' with the 12-1/4" bit, but never gained circulation.

Lime Rock Resources requests permission to ream the 12-1/4" hole to 17-1/2" using fresh water as a drilling fluid, run a surface casing string of 13-3/8", H-40, 48#, ST&C, New, API casing to 334', cement the casing with 100 sx of Class "H" Thixotropic that has a density of 14.6 ppg and a yield of 1.49 cu. ft. per sack, followed by 300 sx of CI C cement with 2% calcium chloride and one-quarter pound per sack (0.25 lbs/sk) of Cello Flake that has a density of 14.8 ppg and a yield of 1.34 cu.ft. per sack. The intent is to lift cement to surface behind the 13-3/8"; however, if cement is not circulated to surface, the company wishes to top out the 13-3/8" with 1" pipe using 50-100 sx at a time, once the top of cement is established, of 14.8 ppg, 1.30 cu.ft. per sack of Class C cement with 2% calcium chloride. The company intends to test the 13-3/8" casing to 1000 psi for 30 minutes before drilling out after the required waiting time.

Lime Rock also requests permission to move the planned 8-5/8" surface casing to an intermediate casing string and set same at 390'. The company intends to circulate cement to surface behind the 8-5/8", and requests reducing the planned cement volume from 340 sx to 300 sx of Class C cement with 2% calcium chloride and one-quarter pound per sack (0.25 lbs/sk) of cello flake mixed at 14.8 ppg with a yield of 1.34 cu.ft. per sack.

Lime Rock requests these changes, and then the company intends to return to the pre-approved procedures to finish drilling the well and setting production casing.

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

Sid Ashworth

Title Operations Manager

Signature

Date 09/02/2012

Accepted for record

NMOC D

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

SEP 22 2012

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

WESLEY W. INGRAM

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)