

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

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)

2210' FSL & 1950' FWL Unit L

Sec. 35, T17S, R27E

5. Lease Serial No.

LC-057798

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

LOGAN 35 FEDERAL #5

9. API Well No.

30-015-30475

10. Field and Pool, or Exploratory Area

Red Lake, Glorieta-Yeso NE (96836)

Red Lake, Qn-Grayburg-San Andres (51300)

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 checked="" type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" 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 1st Commingled Delivery & Pool Allowcations
	<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 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 shall 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 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.)

This oil well was 1st Delivered Commingled on 6/13/13 after being downhole commingled on 6/12/13 as per ART-4609-A. It was tested commingled on 7/5/13 for 10 BOPD & 40 MCF/D. The upper zone (San Andres) was tested single on 10/31/12 for 7 BOPD & 40 MCF/D. The attached calculations indicate our recommended production allocations for each pool.

Accepted for record 7/16/13
LOWER ZONE **UPPER ZONE (SA)**
OIL 30% 70%
GAS 0% 100%

San Andres perms: 1989'-2922'

Yeso perms: 3061'-3274'

RECEIVED

JUL 16 2013

ACCEPTED FOR RECORD

JUL 14 2013

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Permit

Name (Printed/Typed)

Mike Pippin

Title

Petr. Engr. (Agent)

Signature

Date

July 8, 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.

LIME ROCK RESOURCES II-A, L.P.
 LOGAN 35 FEDERAL #5
 Red Lake; Glorieta-Yeso NE & Red Lake, Queen-Grayburg-San Andres
 K Section 35 T17S R28E
 7/8/2013
 API#: 30-015-30475

Commingle Allocation Calculations

On 6/12/13, the Yeso (lower zone) was commingled with the San Andres (upper zone) as per ART-4609-A. The well's 1st commingled production was on 6/13/13. The production test on the San Andres before the commingle was 7 BOPD & 40 MCF/D. The commingled production test was taken on 7/5/13 for 10 BOPD & 40 MCF/D.

	Commingled Production	-	Upper Zone (SA)	=	Lower Zone (YESO)
Oil (bbls/d)	10	-	7	=	3
Gas (mcf/d)	40	-	40	=	0

OIL

Upper Zone (SA) = 7 BOPD

Lower Zone (Yeso) = 3 BOPD

Total oil = 10 BOPD

% Upper Zone = $\frac{7}{10} = \underline{70\%}$

% Lower Zone = $\frac{3}{10} = \underline{30\%}$

GAS

Upper Zone (SA) = 40 mcf/d

Lower Zone (Yeso) = 0 mcf/d

Total gas = 40 mcf/d

% Upper Zone = $\frac{40}{40} = \underline{100\%}$

% Lower Zone = $\frac{0}{40} = \underline{0\%}$