

## NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 16 2015

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMLC0577981a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
LIME ROCK RESOURCES II-A, L.P. E-Mail: mike@pippinllc.com

Contact: MIKE PIPPIN

8. Lease Name and Well No.  
LOGAN 35 I FEDERAL 173. Address C/O MIKE PIPPIN 3104 N. SULLIVAN  
FARMINGTON, NM 874013a. Phone No. (include area code)  
Ph: 505-327-45739. API Well No.  
30-015-41370

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface NESE 2355FSL 475FEL

At top prod interval reported below NESE 2289FSL 347FEL

At total depth NESE 2278FSL 349FEL

10. Field and Pool, or Exploratory  
RED LAKE, GL-YESO NE 9683611. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T17S R27E Mer12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
04/06/201415. Date T.D. Reached  
04/10/201416. Date Completed  
☐ D & A ☒ Ready to Prod.  
09/25/201417. Elevations (DF, KB, RT, GL)\*  
3621 GL18. Total Depth: MD 3936  
TVD 392119. Plug Back T.D.: MD 3856  
TVD 381420. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
INDUCTION & DENSITY NEUTRON22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	396		280	67	0	0
7.750	5.500 J-55	17.0	0	3923		730	204	0	0

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	3123							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ARTESIA, GLORIETA-YESO NE	3066		3187 TO 3444	0.410	27	OPEN
B)			3506 TO 3830	0.410	31	OP3N
C)						
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3187 TO 3444	1500 GAL 15% HCL & FRACED W/29,532# 100 MESH & 262,627# 40/70 WISCONSIN SAND IN SLICK WATER
3506 TO 3830	1500 GAL 15% HCL & FRACED W/30,219# 100 MESH & 288,275# 40/70 WISCONSIN SAND IN SLICK WATER

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity
10/09/2014	10/20/2014	24	→	88.0	54.0	973.0		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					POW

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

JAN 7 2015

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #272612 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

RECLAIMATION OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

DUE 4/20/15

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
YESO	3150		OIL & GAS	SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA YESO	407 926 1360 1706 3066 3150

## 32. Additional remarks (include plugging procedure):

THIS IS THE ORIGINAL NEW WELL COMPLETION IN THE YESO.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #272612 Verified by the BLM Well Information System.  
For LIME ROCK RESOURCES II-A, L.P., sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 01/02/2015 ()

Name (please print) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 10/22/2014

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***