

**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.  
NMLC057798

1a. 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 | FEDERAL 17

3. Address C/O MIKE PIPPIN 3104 N. SULLIVAN  
FARMINGTON, NM 87401

3a. Phone No: (include area code)  
Ph: 505-327-4573

9. 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 96836

11. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T17S R27E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
04/06/2014

15. Date T.D. Reached  
04/10/2014

16. Date Completed  
 D & A  Ready to Prod.  
09/25/2014

17. Elevations (DF, KB, RT, GL)\*  
3621 GL

18. Total Depth: MD 3936  
TVD 3921

19. Plug Back T.D.: MD 3856  
TVD 3814

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
INDUCTION & DENSITY NEUTRON

22. 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

ACCEPTED FOR RECORD  
JAN 7 2015  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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
			→					

(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	407
				QUEEN	926
				GRAYBURG	1360
				SAN ANDRES	1706
				GLORIETA	3066
				YESO	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 \*\***