

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARTESIA DISTRICT  
JUL 23 2015

NM OIL CONSERVATION

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM05586791a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other Added Pay

RECEIVED

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.  
MATTHEWS 25 FEDERAL 23. Address C/O MIKE PIPPIN 3104 N. SULLIVAN  
FARMINGTON, NM 874013a. Phone No. (include area code)  
Ph: 505-327-45739. API Well No.  
30-015-41721

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

At surface SENW 2180FNL 1115FWL

At top prod interval reported below SENW 1670FNL 966FWL

At total depth SENW 1671FNL 962FWL

10. Field and Pool, or Exploratory  
RED LAKE, GL-YSO NE 9683611. Sec., T., R., M., or Block and Survey  
or Area Sec 25 T17S R27E Mer12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
04/19/201415. Date T.D. Reached  
04/25/201416. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/08/201517. Elevations (DF, KB, RT, GL)\*  
3580 GL18. Total Depth: MD 4969  
TVD 489919. Plug Back T.D.: MD 4919  
TVD 484820. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
INDUCTION, NEUTRON/DENSITY22. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	351		325	78	0	0
7.750	5.500 J-55	17.0	0	4964		920	219	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	4476							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA	3174	3283	3388 TO 3615	0.420	30	OPEN
B) YESO	3283	4635	3704 TO 3943	0.420	30	OPEN
C) TUBB	4635		4059 TO 4319	0.420	30	OPEN
D)			4606 TO 4891	0.410	32	OPEN (EXISTING PERFS BEFORE)

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

Depth Interval	Amount and Type of Material
3388 TO 3615	1510 GAL 15% HCL & FRACED W/34,933# 100 MESH & 263,64# 40/70 WISCONSIN SAND IN SLICK WATER
3704 TO 3943	1500 GAL 15% HCL & FRACED W/30,463# 100 MESH & 255,50# 40/70 WISCONSIN SAND IN SLICK WATER
4059 TO 4319	1504 GAL 15% HCL & FRACED W/25,996# 100 MESH & 260,035# 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	Production Method
05/12/2015	05/31/2015	24	→	58.0	9.0	467.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	58	9	467	155	POW	

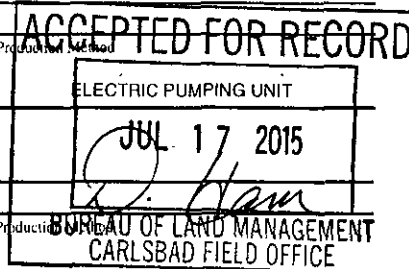
## 28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #303513 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



AB

## 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. Hwg. 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. Hwg. 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
GLORIETA	3174	3283	OIL & GAS	SEVEN RIVERS	454
YESO	3283	4635	OIL & GAS	QUEEN	981
TUBB	4635			GRAYBURG	1432
				SAN ANDRES	1792
				GLORIETA	3174
				YESO	3283
				TUBB	4635

32. Additional remarks (include plugging procedure):  
THIS IS FOR A PAYADD WORKOVER.

## 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 #303513 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 06/16/2015 ()

Name (please print) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 06/01/2015

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 \*\***