

**NM OIL CONSERVATION**

ARTESIA DISTRICT  
**NMOCD**  
 JUL 19 2017  
 Artesia

Form 3160-4  
 (August 2007)

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
 NMNM0558679

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 LP** Contact: MIKE PIPPIN  
 E-Mail: MIKE@PIPPINLLC.COM

8. Lease Name and Well No.  
**MATTHEWS 25 FEDERAL 3**

3. Address **1111 BAGBY STREET SUITE 4600**  
**HOUSTON, TX 77002**

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

9. API Well No.  
**30-015-41698-00-S1**

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

At surface **NWNW 985FNL 330FWL 32.809556 N Lat, 104.239244 W Lon**

At top prod interval reported below **NWNW 985FNL 330FWL**

At total depth **NWNW 985FNL 330FWL**

10. Field and Pool, or Exploratory  
**RED LAKE-GLORIETA-YESO, NE**

11. Sec., T., R., M., or Block and Survey  
 or Area **Sec 25 T17S R27E Mer NMP**

12. County or Parish  
**EDDY**

13. State  
**NM**

14. Date Spudded  
**01/18/2017**

15. Date T.D. Reached  
**01/23/2017**

16. Date Completed  
 D & A  Ready to Prod.  
**03/27/2017**

17. Elevations (DF, KB, RT, GL)\*  
**3586 GL**

18. Total Depth: MD **4860**  
 TVD **4860**

19. Plug Back T.D.: MD **4842**  
 TVD **4842**

20. Depth Bridge Plug Set: MD  
 TVD

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	350		335	80	0	0
7.875	5.500 J-55	17.0	0	4848		900	244	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)
3.500	3512							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	3200	4786	3200 TO 3476	0.400	29	OPEN
B)			3660 TO 4041	0.400	34	OPEN
C)			4250 TO 4542	0.400	31	OPEN
D)			4612 TO 4786	0.400	25	OPEN

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

Depth Interval	Amount and Type of Material
3200 TO 3476	1500 GAL 15% HCL & FRACED W/30,584# 100 MESH & 252,048# 40/70 ARIZONA SAND IN SLICK WATER
3660 TO 4041	1500 GAL 15% HCL & FRACED W/29,403# 100 MESH & 363,840# 40/70 ARIZONA SAND IN SLICK WATER
4250 TO 4542	1560 GAL 15% HCL & FRACED W/31,600# 100 MESH & 310,022# 40/70 ARIZONA SAND IN SLICK WATER
4612 TO 4786	1500 GAL 15% HCL & FRACED W/31,249# 100 MESH & 206,187# 40/70 ARIZONA 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
03/27/2017	04/03/2017	24	→	128.0	132.0	508.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. St	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	128	132	508	1031	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. St	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

**ACCEPTED FOR RECORD**  
 (DAVID R. GLASS) DAVID R. GLASS

DAVID R. GLASS

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

ELECTRONIC SUBMISSION #372147 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

**RECLAMATION DUE:  
 SEP 27 2017**

Accepted for record - NMOCD  
 7-2017

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
GLORIETA	3051	3120	OIL & GAS	QUEEN	983
YESO	3120	4576	OIL & GAS	GRAYBURG	1417
GLORIETA YESO	3200	4786		SAN ANDRES	1770
TUBB	4576	4860	OIL & GAS	GLORIETA	3051
				YESO	3120
				TUBB	4576

32. Additional remarks (include plugging procedure):  
THIS IS FOR A NEW YESO OIL WELL.

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 #372147 Verified by the BLM Well Information System.  
For LIME ROCK RESOURCES II A LP, sent to the Carlsbad  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 04/06/2017 (17DW0047SE)**

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER

Signature \_\_\_\_\_ (Electronic Submission) Date 04/05/2017

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.

**\*\* REVISED \*\* REVISED \*\***

