

**NM OIL CONSERVATION**

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 15 2017

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM0557370

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.** Contact: **MIKE PIPPIN**  
E-Mail: **mike@pipplinllc.com**

8. Lease Name and Well No.  
**EAGLE 27 M FEDERAL 8**

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.  
**30-015-43768**

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

At surface **SWSW 330FSL 330FWL**

At top prod interval reported below **SWSW 330FSL 330FWL**

At total depth **SWSW 330FSL 330FWL**

10. Field and Pool, or Exploratory  
**RED LAKE, GL-YO NE 96836**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 27 T17S R27E Mer**

12. County or Parish  
**EDDY COUNTY**

13. State  
**NM**

14. Date Spudded  
**05/16/2017**

15. Date T.D. Reached  
**05/23/2017**

16. Date Completed  
 D & A  Ready to Prod.  
**07/26/2017**

17. Elevations (DF, KB, RT, GL)\*  
**3511 GL**

18. Total Depth: **MD 4850**  
**TVD 4850**

19. Plug Back T.D.: **MD 4767**  
**TVD 4767**

20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**INDUCTION & NEUTRON/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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375	68.0	0	362		400	101		
11.000	8.625 J-55	24.0	0	478		300	70	0	0
7.875	5.500 J-55	17.0	0	4828		900	248	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	3349							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
<b>RED LAKE, GL-YESO NE 96836</b>	2896		3030 TO 3251	0.400	23	OPEN
B)			3450 TO 3771	0.400	36	OPEN
C)			3881 TO 4137	0.400	28	OPEN
D)			4206 TO 4521	0.400	31	OPEN

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

Depth Interval	Amount and Type of Material
3030 TO 3251	1466 GAL 15% HCL & FRACED W/30,207# 100 MESH & 214,080# 30/50 SAND IN SLICK WATER
3450 TO 3771	1466 GAL 15% HCL & FRACED W/29,617# 100 MESH & 293,464# 30/50 SAND IN SLICK WATER
3881 TO 4137	1466 GAL 15% HCL & FRACED W/30,126# 100 MESH & 230,051# 30/50 SAND IN SLICK WATER
4206 TO 4521	2000 GAL 15% HCL & FRACED W/30,250# 100 MESH & 289,237# 30/50 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
07/27/2017	08/05/2017	24	→	125.0	15.0	470.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	125	15	470	120	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

Pending BLM approvals will subsequently be reviewed and scanned

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

**ELECTRONIC SUBMISSION #384138 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**  
**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OP**

*SC* 8-22-17

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	2896	2961	OIL & GAS	QUEEN	869
YESO	2961		OIL & GAS	GRAYBURG	1315
				SAN ANDRES	1556
				GLORIETA	2896
				YESO	2961

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 #384138 Verified by the BLM Well Information System.  
For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad**

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER  
Signature \_\_\_\_\_ (Electronic Submission) Date 08/08/2017

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.

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