

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM0558679

RECEIVED

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.
MATTHEWS 25 FEDERAL 1

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. 30-015-40804 **52**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWNW 2130FNL 330FWL
At top prod interval reported below SWNW 2130FNL 330FWL
At total depth SWNW 2130FNL 330FWL

10. Field and Pool, or Exploratory
RED LAKE, Q-GB-SA 51300

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

12. County or Parish EDDY COUNTY
13. State NM

14. Date Spudded
11/08/2012

15. Date T.D. Reached
11/14/2012

16. Date Completed
 D & A Ready to Prod.
06/10/2016

17. Elevations (DF, KB, RT, GL)*
3570 GL

18. Total Depth: MD 4717 TVD 4705

19. Plug Back T.D.: MD 4665 TVD 4652

20. Depth Bridge Plug Set: MD 3135 TVD 3162

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
12.250	8.625 J-55	24.0	0	395		300	72	0	0
7.875	5.500 J55	17.0	0	4711		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)
2.875	3029							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, Q-GB-SA 51300	966	3097	3208 TO 3420	0.420	40	SI
B)			3466 TO 3780	0.420	47	SI
C)			3838 TO 4123	0.420	48	SI
D)			4184 TO 4520	0.420	52	SI

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

Depth Interval	Amount and Type of Material
3208 TO 3420	1440 GAL 7.5% HCL & FRACED W/62,462# BRADY & 23,526# 16/30 SIBER PROP SAND IN X-LINKED GEL
3466 TO 3780	2000 GAL 7.5% HCL & FRACED W/81,053# BRADY & 14,233# 16/30 SIBER PROP SAND IN X-LINKED GEL
3838 TO 4123	2000 GAL 7.5% HCL & FRACED W/69,149# BRADY & 15,877# 16/30 SIBER PROP SAND IN X-LINKED GEL
4184 TO 4520	2000 GAL 7.5% HCL & FRACED W/85,104# BRADY & 18,011# 16/30 SIBER PROP SAND IN X-LINKED GEL

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
06/12/2016	06/22/2016	24	→	44.0	32.0	544.0			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	
			→	44	32	544	272	POW	

ACCEPTED FOR RECORD
SEP - 9 2016
Wing Hegets
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	Production Method
			→						
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 #343226 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DATE: 12/12/2016

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
SAN ANDRES	1763	3097	OIL & GAS	QUEEN	966
YESO	3210	4565	OIL & GAS	GRAYBURG	1406
TUBB	4565		OIL & GAS	SAN ANDRES	1763
				GLORIETA	3097
				YESO	3210
				TUBB	4565

32. Additional remarks (include plugging procedure):
THIS IS FOR A RECOMPLETION FROM YESO TO SAN ANDRES.

#43 PERFORATION RECORD:
1720'-1930' 0.42" 31 OPEN
2110'-2446' 0.42" 35 OPEN
2638'-2970' 0.42" 34 OPEN

#44 ACID & FRACTURE TREATMENT

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 #343226 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 06/27/2016

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.

Additional data for transaction #343226 that would not fit on the form

32. Additional remarks, continued

1720'-1930' 1500 G 15% HCL & 29,900# 100 MESH & 315,000# 40/70 SAND IN SLICK WTR
2110'-2446' 1500 G 15% HCL & 29,900# 100 MESH & 315,000# 40/70 SAND IN SLICK WTR
2638'-2970' 2000 G 15% HCL & 30,060# 100 MESH & 322,520# 40/70 SAND IN SLICK WTR