

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT
NMOCD
JUL 19 2017
Artesia

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 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 Sk. & 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. SI	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
(COUNTY SEED) 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 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** 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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

WELL NAME AND NUMBER Matthews 25 Federal No. 3

LOCATION Section 25, T17S, R27E, 985 FNL, 330 FWL, Eddy Cty

OPERATOR Lime Rock Resources II-A, L.P.

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

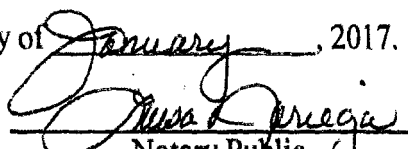
Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/4° @ 200'		
1° @ 316'		
1° @ 650'		
1/4° @ 942'		
1/4° @ 1486'		
3/4° @ 1544'		
3/4° @ 2000'		
1° @ 2508'		
1° @ 3018'		
1/2° @ 3530'		
1/2° @ 4044'		
1/2° @ 4525'		
1/2° @ 4800'		

Drilling Contractor- UNITED DRILLING, INC.

By: 
(Angel Salazar)

Title: Vice President

Subscribed and sworn to before me this 26th day of January, 2017.


Notary Public

My Commission Expires:

Chaves NM
County State