

RECEIVED  
OCD Artesia  
AUG 17 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRICT II-ARTESIA O.C.D.

Lease Serial No.  
NMLC064050A

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator **LIME ROCK RESOURCES II A LP** Contact: **MIKE PIPPIN**  
E-Mail: **mike@pippinllc.com**

3. Address **1111 BAGBY STREET SUITE 4600** 3a. Phone No. (include area code)  
**HOUSTON, TX 77002** Ph: **505-327-4573**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **NENW 440FNL 1850FWL**  
At top prod interval reported below **NENW 349FNL 1662FWL**  
At total depth **NENW 348FNL 1665FWL**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. \_\_\_\_\_

8. Lease Name and Well No.  
**EAGLE 34 C FEDERAL 85**

9. API Well No.  
**30-015-43813-00-S1**

10. Field and Pool, or Exploratory  
**RED LAKE**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 34 T17S R27E Mer NMP**

12. County or Parish  
**EDDY**

13. State  
**NM**

14. Date Spudded  
**03/21/2018**

15. Date T.D. Reached  
**03/27/2018**

16. Date Completed  
 D & A  Ready to Prod.  
**04/21/2018**

17. Elevations (DF, KB, RT, GL)\*  
**3524 GL**

18. Total Depth: MD **4930** 19. Plug Back T.D.: MD **4886**  
TVD **4920** TVD **4875**

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

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

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	351		350	84	0	0
7.875	5.500 J-55	17.0	0	4924		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	3364							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	2938		3050 TO 3357	0.400	29	OPEN
B)			3490 TO 3761	0.400	32	OPEN
C)			3948 TO 4258	0.400	27	OPEN
D)			4370 TO 4581	0.400	23	OPEN

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

Depth Interval	Amount and Type of Material
3050 TO 3357	1512 GAL 15% HCL & FRACED W/29,882# 100 MESH & 278,362# 30/50 SAND IN SLICK WATER
3490 TO 3761	2000 GAL 15% HCL & FRACED W/30,040# 100 MESH & 241,064# 30/50 SAND IN SLICK WATER
3948 TO 4258	1512 GAL 15% HCL & FRACED W/29,865# 100 MESH & 282,705# 30/50 SAND IN SLICK WATER
4370 TO 4581	1500 GAL 15% HCL & FRACED W/29,613# 100 MESH & 184,769# 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
04/24/2018	04/28/2018	24	→	155.0	75.0	742.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	SI		→	155	75	742	484		

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	SI		→						

ACCEPTED FOR RECORD

AUG 11 2018  
*Wendy Leggett*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #412964 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

Reclamation Due: 10/26/2018

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	2938	3025	OIL & GAS	QUEEN	895
YESO	3025	4395	OIL & GAS	GRAYBURG	1284
TUBB	4395		OIL & GAS	SAN ANDRES	1584
				GLORIETA	2938
				YESO	3025
				TUBB	4395

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 #412964 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 05/03/2018 (18DW0145SE)

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER  
Signature \_\_\_\_\_ (Electronic Submission) Date 05/01/2018

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 \*\***