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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.
NMMN0557370

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.
EAGLE 34 J FEDERAL 81

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

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

9. API Well No.
30-015-43772-00-S1

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

At surface NWSE 1790FSL 1650FEL

At top prod interval reported below NWSE 1790FSL 1650FEL

At total depth NWSE 1790FSL 1650FEL

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

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
11/04/2016

15. Date T.D. Reached
11/09/2016

16. Date Completed
☐ D & A ☒ Ready to Prod.
01/06/2017

17. Elevations (DF, KB, RT, GL)*
3591 GL

18. Total Depth: MD 4900
TVD 4900

19. Plug Back T.D.: MD 4851
TVD 4851

20. Depth Bridge Plug Set: MD
TVD

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

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
11.000	8.625 J-55	24.0	0	353		300	72	0	0
7.875	5.500 J-55	17.0	0	4896		1000	271	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	3353							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	3100	4723	3100 TO 3403	0.400	34	OPEN
B)			3500 TO 3851	0.400	34	OPEN
C)			3960 TO 4251	0.400	28	OPEN
D)			4358 TO 4723	0.400	34	OPEN

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

Depth Interval	Amount and Type of Material
3100 TO 3403	1500 GAL 15% HCL & FRACED W/30,595# 100 MESH & 287,087# 40/70 OTTAWA SAND IN SLICK WATER
3500 TO 3851	1500 GAL 15% HCL & FRACED W/29,258# 100 MESH & 337,699# 40/70 OTTAWA SAND IN SLICK WATER
3960 TO 4251	1500 GAL 15% HCL & FRACED W/30,065# 100 MESH & 267,735# 40/70 OTTAWA SAND IN SLICK WATER
4358 TO 4723	1500 GAL 15% HCL & FRACED W/30,102# 100 MESH & 337,459# 40/70 OTTAWA 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
01/06/2017	01/08/2017	24	→	81.0	50.0	609.0			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	
			→	81	50	609	617	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	
			→						

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

ELECTRONIC SUBMISSION #364865 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

DAVID R. GLASS

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** PETROLEUM ENGINEER

RECLAMATION DUE:
JUL 06 2017

ACCEPTED FOR RECORD
DAVID R. GLASS

FEB 16 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	2955	3054	OIL & GAS	QUEEN	854
YESO	3054	4491	OIL & GAS	GRAYBURG	1266
GLORIETA YESO	3100	4723	OIL/GAS/WATER	SAN ANDRES	1571
TUBB	4491	4900	OIL & GAS	GLORIETA	2955
				YESO	3054
				TUBB	4491

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 #364865 Verified by the BLM Well Information System.
For LIME ROCK RESOURCES II A LP, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 01/30/2017 (17DMH0076SE)**

Name (please print) MIKE PIPPINTitle PETROLEUM ENGINEER

Signature _____ (Electronic Submission)

Date 01/25/2017

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 ****

MAR 13 2017

WELL NAME AND NUMBER Eagle 34J Federal No. 81
 LOCATION Section 34, T17S, R27E, Lot J, 1790 FSL, 1650 FEL, Eddy Cty RECEIVED
 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
.75° @ 209'		
1° @ 322'		
.50° @ 752'		
.75° @ 1136'		
1° @ 1553'		
.5° @ 1937'		
1° @ 2347'		
.50° @ 2737'		
.5° @ 3120'		
.50° @ 3530'		
.25° @ 3951'		
1° @ 4334'		
1° @ 4775'		

Drilling Contractor- UNITED DRILLING, INC.

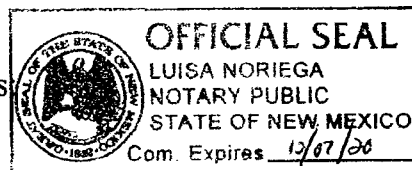
By: Ramon Gonzalez
 (Ramon Gonzalez)

Title: Superintendent

Subscribed and sworn to before me this 14th day of November, 2016.

Luisa Noriega
 Notary Public

My Commission Expires



Chaves NM
 County State