

JAN 06 2015
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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.
NMLC061783A

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@mippinllc.com

Contact: MIKE PIPPIN

8. Lease Name and Well No.
WINDFOHR 4 FEDERAL 12

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.
30-015-42037

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSE Lot 19 430FSL 2140FEL
At top prod interval reported below SWSE Lot 19 354FSL 2270FEL
At total depth SWSE Lot 19 358FSL 2276FEL

10. Field and Pool, or Exploratory
RED LAKE, GL-YESO 51120

11. Sec., T., R., M., or Block and Survey
or Area Sec 4 T18S R27E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
01/06/2015

15. Date T.D. Reached
01/12/2015

16. Date Completed
 D & A Ready to Prod.
04/18/2015

17. Elevations (DF, KB, RT, GL)*
3563 GL

18. Total Depth: MD 4716
TVD 4700

19. Plug Back T.D.: MD 4642
TVD 4652

20. Depth Bridge Plug Set: MD
TVD

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

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	353		325	78	0	0
7.750	5.500 J-55	17.0	0	4713		980	263	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	3088							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, GLORIETA-YESO	2921		- 3113 TO 3385	0.420	30	OPEN
B)			- 3580 TO 3828	0.420	30	OPEN
C)			- 3928 TO 4165	0.420	30	OPEN
D)			- 4393 TO 4635	0.420	30	OPEN

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

Depth Interval	Amount and Type of Material
3113 TO 3385	1062 GAL 15% HCL & FRACED W/32,225# 100 MESH & 313,750# 40/70 WISCONSIN SAND IN SLICK WATER
3580 TO 3828	1493 GAL 15% HCL & FRACED W/31,351# 100 MESH & 314,322# 40/70 WISCONSIN SAND IN SLICK WATER
3928 TO 4165	506 GAL 15% HCL & FRACED W/32,070# 100 MESH & 285,729# 40/70 WISCONSIN SAND IN SLICK WATER
4393 TO 4635	1524 GAL 15% HCL & FRACED W/60,461# 100 MESH & 48,660# 40/70 WISCONSIN 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
05/19/2015	06/14/2015	24	→	90.0	53.0	736.0		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	SI		→	90	53	736	589	POW

ACCEPTED FOR RECORD
ELECTRIC PUMP SUB-SURFACE
DEC 31 2015
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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	SI		→					

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

ELECTRONIC SUBMISSION #305138 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation: 12/14/15

AB

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	2921	3051	OIL & GAS	SEVEN RIVERS	289
YESO	3051		OIL & GAS	QUEEN	810
				GRAYBURG	1258
				SAN ANDRES	1486
				GLORIETA	2921
				YESO	3051
				TUBB	4505

32. Additional remarks (include plugging procedure):
 THIS IS A NEW OIL WELL COMPLETION IN THE YESO.

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 #305138 Verified by the BLM Well Information System.
 For LIME ROCK RESOURCES II-A, L.P., sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 12/21/2015 ()

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER
 Signature (Electronic Submission) Date 06/16/2015

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.

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