

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED **111-27 2017**  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMLC026874B

**RECEIVED**

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator LIME ROCK RESOURCES II-A, L.P. E-Mail: mike@pippinllc.com			8. Lease Name and Well No. MALCO B 6 J FEDERAL 10		
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. 30-015-43875	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface NWSE 1865FSL 2310FEL  At top prod interval reported below NWSE 1678FSL 2281FEL  At total depth NWSE 1692FSL 2279FEL			10. Field and Pool, or Exploratory RED LAKE, GL-YO 51120		
14. Date Spudded 03/30/2017			15. Date T.D. Reached 04/04/2017		17. Elevations (DF, KB, RT, GL)* 3409 GL
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 06/08/2017					
18. Total Depth: MD 4625 TVD 4615		19. Plug Back T.D.: MD 4540 TVD 4510		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) INDUCTION & NEUTRON/DENSITY			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	396		325	78	0	0
7.875	5.500 J-55	17.0	0	4600		950	259	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	2999							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, GL-YESO 51120	2584		2700 TO 3029	0.400	35	OPEN
B)			3120 TO 3447	0.400	30	OPEN
C)			3590 TO 3977	0.400	37	OPEN
D)			4100 TO 4445	0.400	35	OPEN

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

Depth Interval	Amount and Type of Material
2700 TO 3029	1932 GAL 15% HCL & FRACED W/30,631# 100 MESH & 306,881# 40/70 SAND IN SLICK WATER
3120 TO 3447	1932 GAL 15% HCL & FRACED W/30,061# 100 MESH & 305,294# 40/70 SAND IN SLICK WATER
3590 TO 3977	1470 GAL 15% HCL & FRACED W/30,043# 100 MESH & 321,638# 40/70 SAND IN SLICK WATER
4100 TO 4445	1512 GAL 15% HCL & FRACED W/30,105# 100 MESH & 321,247# 40/70 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
06/20/2017	07/20/2017	24	→	133.0	40.0	1265.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	133	40	1265	300	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 #382360 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**  
**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* O**

Pending BLM approvals will subsequently be reviewed and scanned

SC 7-28-17

## 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 YESO	2584 2657	2657 4091	OIL & GAS OIL & GAS	QUEEN GRAYBURG SAN ANDRES GLORIETA YESO TUBB	518 922 1244 2584 2657 4091

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 #382360 Verified by the BLM Well Information System.  
For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad**

Name (please print) MIKE PIPPINTitle PETROLEUM ENGINEER

Signature \_\_\_\_\_ (Electronic Submission)

Date 07/25/2017

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.

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