

RECEIVED

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTAUG 07 2018  
OCD ArtesiaFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND DATA SHEET  
DISPATCHED TO O.C.D.5. Lease Serial No.  
NMNM025604

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
HAWK 9 A FEDERAL 229. API Well No.  
30-015-43765-00-S110. Field and Pool, or Exploratory  
RED LAKE11. Sec., T., R., M., or Block and Survey  
or Area Sec 9 T18S R27E Mer NMP12. County or Parish  
EDDY13. State  
NM17. Elevations (DF, KB, RT, GL)\*  
3525 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other2. Name of Operator  
LIME ROCK RESOURCES II A LP Contact: MIKE PIPPIN  
E-Mail: mike@pippinllc.com3. Address 1111 BAGBY STREET SUITE 4600  
HOUSTON, TX 770023a. Phone No. (include area code)  
Ph: 505-327-4573

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

Sec 9 T18S R27E Mer NMP  
At surface NENE 985FNL 985FELAt top prod interval reported below  
Sec 9 T18S R27E Mer NMP  
At total depth NENE 985FNL 985FEL14. Date Spudded  
03/12/201815. Date T.D. Reached  
03/17/201816. Date Completed  
☐ D & A ☐ Ready to Prod.  
04/13/201818. Total Depth: MD 4734  
TVD19. Plug Back T.D.: MD 4665  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CASED HOLE NEUTRO22. 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		350	84	0	0
7.875	5.500 J-55	17.0	0	4723		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	3439							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	2957		3120 TO 3430	0.400	31	OPEN
B)			3500 TO 3765	0.400	28	OPEN
C)			3898 TO 4228	0.400	34	OPEN
D)			4323 TO 4525	0.400	27	OPEN

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

Depth Interval	Amount and Type of Material
3120 TO 3430	1500 GAL 15% HCL & FRACED W/29,824# 100 MESH & 283,120# 30/50 SAND IN SLICK WATER
3500 TO 3765	1500 GAL 15% HCL & FRACED W/30,277# 100 MESH & 236,928# 30/50 SAND IN SLICK WATER
3898 TO 4228	1500 GAL 15% HCL & FRACED W/29,900# 100 MESH & 294,520# 30/50 SAND IN SLICK WATER
4323 TO 4525	1500 GAL 15% HCL & FRACED W/30,038# 100 MESH & 174,739# 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
04/13/2018	04/25/2018	24	→	100.0	60.0	1832.0			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	
			→	100	60	1832	600	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 #413151 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 10/13/2018

ACCEPTED FOR RECORD

AUG - 1 2018

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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	2957 3096	3096	OIL & GAS OIL & GAS	QUEEN GRAYBURG SAN ANDRES GLORIETA YESO	831 1284 1521 2957 3096

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 #413151 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 (18DW0144SE)

Name (please print) MIKE PIPPINTitle PETROLEUM ENGINEER

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

Date 05/02/2018

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 \*\* REVISED \*\***