

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 16 2010

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DISTRICT II-ARTESIA O.C.D.

5. Lease Serial No.  
NMLC070678A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
HAWK 8 K FEDERAL 519. API Well No.  
30-015-4395110. Field and Pool, or Exploratory  
RED LAKE, GL-YO 5112011. Sec., T., R., M., or Block and Survey  
or Area Sec 8 T18S R27E Mer12. County or Parish  
EDDY COUNTY13. State  
NM17. Elevations (DF, KB, RT, GL)\*  
3413 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_2. Name of Operator  
LIME ROCK RESOURCES II-A, L.P. E-Mail: mike@pippinllc.com

Contact: MIKE PIPPIN

3. Address C/O MIKE PIPPIN 3104 N SULLIVAN  
FARMINGTON, NM 874013a. Phone No. (include area code)  
Ph: 505-327-4573

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

At surface NESW 2305FSL 1600FWL

At top prod interval reported below NESW 2305FSL 1600FWL

At total depth NESW 2305FSL 1600FWL

14. Date Spudded  
03/31/201815. Date T.D. Reached  
04/04/201816. Date Completed  
☐ D & A ☐ Ready to Prod.  
06/12/201818. Total Depth: MD  
TVD 4515

4515

19. Plug Back T.D.: MD  
TVD 4470

4470

20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CASED HOLE NEUTRON LOG22. 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	350		350	84	0	0
7.875	5.500 J-55	17.0	0	4506		800	221	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	2575							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, GL-YESO 51120	2602		2750 TO 3051	0.400	29	OPEN
B)			3290 TO 3591	0.400	38	OPEN
C)			3740 TO 4111	0.400	38	OPEN
D)			4266 TO 4465	0.400	27	OPEN

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

Depth Interval	Amount and Type of Material
2750 TO 3051	1890 GAL 15% HCL & FRACED W/29,392# RC 100 MESH & 345,483# RC 30/50 SAND IN SLICK WATER
3290 TO 3591	2000 GAL 15% HCL & FRACED W/29,970# RC 100 MESH & 364,980# RC 30/50 SAND IN SLICK WATER
3740 TO 4111	1890 GAL 15% HCL & FRACED W/30,530# RC 100 MESH & 352,185# RC 30/50 SAND IN SLICK WATER
4266 TO 4465	1500 GAL 15% HCL & FRACED W/30,108# RC 100 MESH & 34,792# RC 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
06/17/2018	07/06/2018	24	→	69.0	91.0	697.0			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	
			→	69	91	697	1319	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	
			→						

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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

ELECTRONIC SUBMISSION #427166 VERIFIED BY THE BLM WELL INFORMATION S

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

\*\* OPERATOR-SUBMITTED \*\*

**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 TUBB	2602 2683 4306	2683 4306	OIL & GAS OIL & GAS OIL & GAS	QUEEN GRAYBURG SAN ANDRES GLORIETA YESO TUBB	548 1007 1217 2602 2683 4306

**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 #427166 Verified by the BLM Well Information System.  
For LIME ROCK RESOURCES II-A,L.P., sent to the Carlsbad**

Name (please print) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 07/12/2018

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.

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