

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD Artesia
AUG 09 2018FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM292731a. 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 E-Mail: mike@pippinllc.com

Contact: MIKE PIPPIN

8. Lease Name and Well No.
HAWK 8 P FEDERAL 553. Address 1111 BAGBY STREET SUITE 4600
HOUSTON, TX 770023a. Phone No. (include area code)
Ph: 505-327-45739. API Well No.
30-015-43722-00-S1

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

At surface SESE 980FSL 740FEL

At top prod interval reported below SESE 980FSL 740FEL

At total depth SESE 980FSL 740FEL

10. Field and Pool, or Exploratory
RED LAKE11. Sec., T., R., M., or Block and Survey
or Area Sec 8 T18S R27E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
01/25/201815. Date T.D. Reached
01/30/201816. Date Completed
☐ D & A ☐ Ready to Prod.
02/23/201817. Elevations (DF, KB, RT, GL)*
3462 GL18. Total Depth: MD 4600
TVD19. Plug Back T.D.: MD 4533
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
INDUCTION&NEUTR DENSITY22. 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	349		350	84	0	0
7.875	5.500 J-55	17.0	0	4596		800	224	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	3251							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	2785		2944 TO 3254		29	OPEN
B)			3398 TO 3731		35	OPEN
C)			3800 TO 4177		36	OPEN
D)			4290 TO 4451		23	OPEN

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

Depth Interval	Amount and Type of Material
2944 TO 3254	1512 GAL 15% HCL & FRACED W/30,182# 100 MESH & 325,202# 30/50 SAND IN SLICK WATER
3398 TO 3731	2012 GAL 15% HCL & FRACED W/32,154# 100 MESH & 324,078# 30/50 SAND IN SLICK WATER
3800 TO 4177	1870 GAL 15% HCL & FRACED W/31,965# 100 MESH & 310,097# 30/50 SAND IN SLICK WATER
4290 TO 4451	1500 GAL 15% HCL & FRACED W/32,170# 100 MESH & 128,302# 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
02/25/2018	03/09/2018	24	→	150.0	250.0	1250.0			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	
			→	150	250	1250	1667	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 #409996 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 8/23/18

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	2785 2902	2902	OIL & GAS OIL & GAS	QUEEN GRAYBURG SAN ANDRES GLORIETA YESO	680 1110 1336 2785 2902

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 #409996 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 04/04/2018 (18DW0117SE)

Name (please print) MIKE PIPPINTitle PETROLEUM ENGINEERSignature (Electronic Submission)Date 03/31/2018

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 ****