

NM OIL CONSERVATION

District I
1625 N. French Dr., Hobbs, NM 88401
District II
1301 W. Grand Avenue, Artesia, NM 87410
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

ARTESIA DISTRICT
Energy, Minerals & Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised Feb. 26, 2007

Submit to Appropriate District Office
5 Copies

APR 03 2017
RECEIVED

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Lime Rock Resources II-A, L.P. c/o Mike Pippin LLC, 3104 N. Sullivan Farmington, NM 87401		² OGRID Number 277558
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-43814	⁵ Pool Name Red Lake, Glorieta-Yeso	⁶ Pool Code 51120
⁷ Property Code 309002	⁸ Property Name HAWK 8 L FEDERAL	⁹ Well Number 16

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the 2305	North/South Line SOUTH	Feet from the 555	East/West line WEST	County EDDY
L	8	18-S	27-E						

III. ¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date READY	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	Holly Transportation, LLC 1602 W. Main, Artesia, NM 88210	O
246624	DCP Midstream, LP 370 17 th St, Suite 2775, Denver, CO 80202	G
NM OIL CONSERVATION ARTESIA DISTRICT APR 03 2017		

IV. Well Completion Data

²¹ Spud Date 1/26/17	²² Ready Date 3/10/17	²³ TD 4510'	²⁴ PBDT 4461'	²⁵ Perforations 2710'-4452'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12-1/4"	8-5/8" 24#	350'	300 sx		
7-7/8"	5-1/2" 17#	4498'	900 sx		
	2-7/8" tubing	2871'			

V. Well Test Data

³¹ Date New Oil 3/14/17	³² Gas Delivery Date 3/14/17	³³ Test Date 3/28/17	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil (bbls) 108	³⁹ Water (bbls) 1256	Gas (MCF) 200	⁴⁰ Test Method Pumping	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Mike Pippin</i>		Approved by: <i>Raymond W. Rodary</i>	
Printed name: Mike Pippin		Title: <i>Geologist.</i>	
Title: Petroleum Engineer - Agent		Approval Date: <i>4-12-17</i>	
E-mail Address: mike@pippinllc.com			
Date: 3/31/17	Phone: 505-327-4573		

Pending BLM approvals will subsequently be reviewed and scanned

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMLC070678A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
HAWK 8 L FEDERAL 16

2. Name of Operator
LIME ROCK RESOURCES II-A, L.P. E-Mail: MIKE@PIPPINLLC.COM

Contact: MIKE PIPPIN

9. API Well No.
30-015-43814

3a. Address
C/O MIKE PIPPIN 3104 N. SULLIVAN
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 505-327-4573

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 8 T18S R27E NWSW 2305FSL 555FWL

11. County or Parish, State
EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Hydraulic Fracture
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

THIS IS THE INITIAL COMPLETION OF A NEW YESO OIL WELL.

On 2/7/17, PT 5-1/2" csg to 4500 psi-OK. On 2/8/17, ran cased hole neutron log from PBTD4461 to surface. On 2/24/17, perfed Yeso/Tubb @ 4050'-4452' w/33-0.41" holes. On 3/4/17, treated new perfs w/1153 gal 15% HCL acid & fraced w/30,017# 100 mesh & 379,120# 40/70 Wisconsin sand in slick water.

Set 5-1/2" CBP @ 3960'. Perfed Yeso @ 3600'-3911' w/31-0.41" holes. Treated new Yeso perfs w/1060 gal 15% HCL & fraced w/30,540# 100 mesh & 287,290# 40/70 sand in slick water.

Set 5-1/2" CBP @ 3550'. Perfed Yeso @ 3200'-3501'. Treated new Yeso perfs w/917 gal 15% HCL & fraced w/29,553# 100 mesh & 285,910# 40/70 sand in slick water.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #370430 verified by the BLM Well Information System
For LIME ROCK RESOURCES II-A, L.P., sent to the Carlsbad**

Name (Printed/Typed) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 03/20/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

*Pending BLM approvals will
subsequently be reviewed
and scanned*

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RUP any department or agency of the United States

Additional data for EC transaction #370430 that would not fit on the form

32. Additional remarks, continued

Set 5-1/2" CBP @ 3130'. Perfed Yeso @ 2710'-3063' w/35-0.41" holes. Treated new Yeso perms w/1507 gal 15% HCL & fraced w/29,486# 100 mesh & 350,027# 40/70 sand in slick water.

On 3/7/17, MIRUSU. CO after frac, drilled CBPs @ 3130', 3550' & 3960', & CO to PBTD @ 4461'. On 3/10/17, landed ESP on 2-7/8" 6.5# L-80 tbg @ 2871'. Released completion rig on 3/10/17.

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.
NMLC070678A

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.** Contact: **MIKE PIPPIN**
 E-Mail: **mike@pippinllc.com**

3. Address **C/O MIKE PIPPIN 3104 N SULLIVAN FARMINGTON, NM 87401** 3a. Phone No. (include area code)
Ph: 505-327-4573

8. Lease Name and Well No.
HAWK 8 L FEDERAL 16

9. API Well No.
30-015-43814

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **NWSW 2305FSL 555FWL**
 At top prod interval reported below **NWSW 2305FSL 555FWL**
 At total depth **NWSW 2305FSL 555FWL**

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

11. Sec., T., R., M., or Block and Survey or Area
Sec 8 T18S R27E Mer

12. County or Parish
EDDY COUNTY 13. State
NM

14. Date Spudded
01/26/2017 15. Date T.D. Reached
02/01/2017 16. Date Completed
 D & A Ready to Prod.
03/10/2017

17. Elevations (DF, KB, RT, GL)*
3388 GL

18. Total Depth: MD **4510** TVD **4510** 19. Plug Back T.D.: MD **4461** TVD **4461** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CASED HOLE 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 J-55	24.0	0	350		300	72	0	0
7.875	5.500 J-55	17.0	0	4498		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)
3.500	2871							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, GL-YESO 51120	2556		2710 TO 3063	0.410	35	OPEN
B)			3200 TO 3501	0.410	31	OPEN
C)			3600 TO 3911	0.410	31	OPEN
D)			4050 TO 4452	0.410	33	OPEN

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

Depth Interval	Amount and Type of Material
2710 TO 3063	1507 GAL 15% HCL & FRACED W/29,486# 100 MESH & 350,027# 40/70 SAND IN SLICK WATER
3200 TO 3501	917 GAL 15% HCL & FRACED W/29,553# 100 MESH & 285,910# 40/70 SAND IN SLICK WATER
3600 TO 3911	1060 GAL 15% HCL & FRACED W/30,540# 100 MESH & 287,290# 40/70 SAND IN SLICK WATER
4050 TO 4452	1153 GAL 15% HCL & FRACED W/30,017# 100 MESH & 379,120# 40/70 WISCONSON 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
03/14/2017	03/28/2017	24	→	108.0	200.0	1256.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	108	200	1256	1852	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
			→					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	
SI			→					

Pending BLM approvals will subsequently be reviewed and scanned
Ruf

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

ELECTRONIC SUBMISSION #371822 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OI**

OR-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	2556	2641	OIL & GAS	QUEEN	564
YESO	2641	4222	OIL & GAS	GRAYBURG	964
TUBB	4222		OIL & GAS	SAN ANDRES	1175
				GLORIETA	2556
				YESO	2641
				TUBB	4222

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 #371822 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 03/31/2017

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.