

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
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

MAY 01 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 - 015-43278	⁵ Pool Name Red Lake, Glorieta-Yeso	⁶ Pool Code 51120
⁷ Property Code 309008	⁸ Property Name HAWK 9 B FEDERAL	⁹ Well Number 18

II. ¹⁰ Surface Location

UL or lot no. B	Section 9	Township 18-S	Range 27-E	Lot Idn	Feet from the 470	North/South Line NORTH	Feet from the 2010	East/West line EAST	County EDDY
---------------------------	---------------------	-------------------------	----------------------	---------	-----------------------------	-------------------------------------	------------------------------	-------------------------------	-----------------------

¹¹ Bottom Hole Location

UL or lot no. B	Section 9	Township 18-S	Range 27-E	Lot Idn	Feet from the 345	North/South line NORTH	Feet from the 2299	East/West line EAST	County EDDY
¹² Use 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 17th St, Suite 2775, Denver, CO 80202	G

IV. Well Completion Data

²¹ Spud Date 2/24/17	²² Ready Date 4/7/17	²³ TD 4990'	²⁴ PBTD 4906'	²⁵ Perforations 3100'-4851'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
11"	8-5/8" 24#	435	350 sx		
7-7/8"	5-1/2" 17#	4937'	100x		
	2-7/8" tubing	2914'			

V. Well Test Data

³¹ Date New Oil 4/14/17	³² Gas Delivery Date 4/7/17	³³ Test Date 4/18/17	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil (bbls) 139	³⁹ Water (bbls) 1469	Gas (MCF) 87		⁴¹ 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.
Signature:

Printed name: **Mike Pippin**

Title: **Petroleum Engineer - Agent**

E-mail Address: **mike@pippinllc.com**

Date: **4/24/17**

Phone:
505-327-4573

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

Raymond W. Budany
Geologist
4-5-17

Pending BLM approvals will
subsequently be reviewed
and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM025604

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
HAWK 9 B FEDERAL 18

2. Name of Operator

LIME ROCK RESOURCES II A LP

Contact: MIKE PIPPIN

E-Mail: MIKE@PIPPINLLC.COM

9. API Well No.
30-015-43278-00-X1

3a. Address

1111 BAGBY STREET SUITE 4600
HOUSTON, TX 77002

3b. Phone No. (include area code)

Ph: 505-327-4573

10. Field and Pool or Exploratory Area
RED LAKE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 9 T18S R27E NWNE 470FNL 2010FEL

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<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 recomplete 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 recompletion 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 SPUD & CASING REPORT FOR A NEW OIL WELL:

Spudded well on 2/24/17. Drilled 11" hole to 450'. Set 8-5/8" 24# J-55 csg @ 435'. Cmted w/350 sx (469 cf) cl "C" cmt w/2% CaCl₂ & 0.125#/sx cello flakes. Circ. 104 sx cmt to surface. On 2/25/17, pressure tested 8-5/8" csg to 1500 psi for 30 min-OK.

Drilled 7-7/8" hole to TD4990' on 3/2/17. On 3/10/17, set 5-1/2" 17# J-55 production csg @ 4937'. Cmted lead w/300 sx (588 cf) 35/65 poz cl "C" w/6% gel/PF20, 5% salt/PF44, 0.2% fluid loss/PF606, 0.125#/sx cello flake/PF29, 0.4#/sx antifoamer/PF45, 0.1% retarder/PF13 & 3#/sx kolseal/PF42. Tailed w/700 sx (931 cf) cl "C" cmt w/0.2% fluid loss/PF606, 0.2% dispersant/PF65, 0.1% retarder/PF13, & 0.125#/sx cellophane/PF29. Circ. 114 sx cmt to pit. Released drilling rig on 3/10/17. Plan to pressure test 5-1/2" csg during completion operations.

NM OIL CONSERVATION

ARTESIA DISTRICT

MAY 04 2017

RECEIVED

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

Electronic Submission #369885 verified by the BLM Well Information System
For LIME ROCK RESOURCES II A LP, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/15/2017 (17PP0498SE)

Name (Printed/Typed) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 03/15/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	(BLM Approver Not Specified)	Date 03/24/2017
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 Carlsbad

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.

(Instructions on page 2)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM025604

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

HAWK 9 B FEDERAL 18

2. Name of Operator

Contact: MIKE PIPPIN

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

9. API Well No.

30-015-43278

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-YESO 51120

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 9 T18S R27E NWNE 470FNL 2010FEL

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Hydraulic Fracture
	<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 3/14/17, PT 5-1/2" csg to 4800 psi-OK. On 3/16/17, ran cased hole neutron log from PBTD4906'. On 3/27/17, perfed Yeso/Tubb @ 4530'-4851' w/31-0.40" holes. On 4/1/17, treated new perms w/1000 gal 15% HCL acid & fraced w/27,767# 100 mesh & 326,987# 30/50 WW sand in slick water. Spotted 508 gal 15% HCL across next stage. Set 5-1/2" CBP @ 4500' & PT-OK. Perfed Yeso @ 4060'-4419' w/35-0.40" holes. Treated new Yeso perms w/1015 gal 15% HCL & fraced w/29,388# 100 mesh & 342,590# 30/50 WW sand in slick water. Spotted 501 gal 15% HCL across next stage. Set 5-1/2" CBP @ 3900' & PT-OK. Perfed Yeso @ 3480'-3767' w/28-0.40" holes. Treated new Yeso perms w/1248 gal 15% HCL & fraced w/29,044# 100 mesh & 267,492# 30/50 WW sand in slick water. Spotted 509 gal 15% HCL across next stage.

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

**Electronic Submission #372402 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 04/07/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Pending BLM approvals will
subsequently be reviewed
and scanned

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdic

...make to any department or agency of the United

Additional data for EC transaction #372402 that would not fit on the form

32. Additional remarks, continued

Set 5-1/2" CBP @ 3440' & PT-OK. Perfed Yeso @ 3100'-3405' w/31-0.40" holes. Treated new Yeso perfs w/1504 gal 15% HCL & fraced w/29,857# 100 mesh & 266,368# 30/50 WW sand in slick water. On 4/3/17, MIRUSU. CO after frac, drilled CBPs @ 3440', 3900' & 4500', & CO to PBTD @ 4906'. On 4/6/17, landed ESP on 2-7/8" 6.5# L-80 tbg @ about 2914'. Released completion rig on 4/7/17.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM025604

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. HAWK 9 B FEDERAL 18		
3. Address C/O MIKE PIPPIN 3104 N SULLIVAN FARMINGTON, NM 87401			9. API Well No. 30-015-43278		
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface NWNE 470FNL 2010FEL At top prod interval reported below NWNE 343FNL 2295FEL At total depth NWNE 345FNL 2299FEL			10. Field and Pool, or Exploratory RED LAKE, GL-YO 51120		
14. Date Spudded 02/24/2017			15. Date T.D. Reached 03/02/2017		
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 04/07/2017			17. Elevations (DF, KB, RT, GL)* 3531 GL		
18. Total Depth: MD 4990 TVD 4951			19. Plug Back T.D.: MD 4906 TVD 4875		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CASED HOLE NEUTRON		
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
11.000	8.625 J-55	24.0	0	435		350	84	0	0
7.875	5.500 J-55	17.0	0	4937		1000	271	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	2914							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, GL-YESO 51120	2947		3100 TO 3405	0.400	31	OPEN
B)			3480 TO 3767	0.400	28	OPEN
C)			4060 TO 4419	0.400	35	OPEN
D)			4530 TO 4851	0.400	31	OPEN

26. Perforation Record

Depth Interval	Amount and Type of Material
3100 TO 3405	1504 GAL 15% HCL & FRACED W/29,857# 100 MESH & 266,368# 30/50 SAND IN SLICK WATER
3480 TO 3767	1248 GAL 15% HCL & FRACED W/29,044# 100 MESH & 267,492# 30/50 SAND IN SLICK WATER
4060 TO 4419	1015 GAL 15% HCL & FRACED W/29,388# 100 MESH & 342,590# 30/50 SAND IN SLICK WATER
4530 TO 4851	1000 GAL 15% HCL & FRACED W/27,767# 100 MESH & 326,987# 30/50 SAND IN SLICK WATER

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/07/2017	04/18/2017	24	→	139.0	87.0	1469.0			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	
			→	139	87	1469	626	PROD	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will
subsequently be reviewed
and scanned
R.P.

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

ELECTRONIC SUBMISSION #373659 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** 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	2947 3057	3057	OIL & GAS OIL & GAS	QUEEN GRAYBURG SAN ANDRES GLORIETA YESO TUBB	783 1241 1478 2947 3057

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 #373659 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 04/21/2017

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****