

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

Form C-104  
Revised Feb. 26, 2007

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
5 Copies

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address <b>Lime Rock Resources II-A, L.P.</b> c/o Mike Pippin LLC, 3104 N. Sullivan Farmington, NM 87401		<sup>2</sup> OGRID Number 277558
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30 - 015-43863	<sup>5</sup> Pool Name Red Lake, Glorieta-Yeso NE	<sup>6</sup> Pool Code 96836
<sup>7</sup> Property Code 308957	<sup>8</sup> Property Name <b>EAGLE 34 K FEDERAL</b>	<sup>9</sup> Well Number 86

**II. <sup>10</sup> Surface Location**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	34	17-S	27-E		2410	SOUTH	1505	WEST	EDDY

**<sup>11</sup> 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
K	34	17-S	27-E		2306	SOUTH	1656	WEST	EDDY
<sup>12</sup> Lsc Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date READY	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
278421	<b>Holly Transportation, LLC</b> 10 Desta Dr., Ste. 350W, Midland, TX 79705-4544	O
246624	<b>DCP Midstream</b> 370 17 <sup>th</sup> St, Suite 2775, Denver, CO 80202	G
<b>NM OIL CONSERVATION</b> ARTESIA DISTRICT DEC 08 2016		

RECEIVED

**IV. Well Completion Data**

<sup>21</sup> Spud Date 9/23/16	<sup>22</sup> Ready Date 11/21/16	<sup>23</sup> TD MD4900'	<sup>24</sup> PBDT MD4833'	<sup>25</sup> Perforations MD3050'-4780'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
12-1/4"	8-5/8" 24#	350'	300 sx		
7-7/8"	5-1/2" 17#	MD4884'	1000 sx		
	2-7/8" tubing	MD3079'			

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/23/16	<sup>32</sup> Gas Delivery Date 11/22/16	<sup>33</sup> Test Date 11/28/16	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil (bbls) 81	<sup>39</sup> Water (bbls) 794	Gas (MCF) 25		<sup>41</sup> Test Method Pumping

<sup>42</sup> 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: *Mike Pippin*

Printed name: Mike Pippin

Title: Petroleum Engineer - Agent

E-mail Address: mike@pippinllc.com

Date: 12/5/16

Phone:  
505-327-4573

OIL CONSERVATION DIVISION

Approved by: *Jaren Sharp*

Title: *Business Spec - Adv*

Approval Date: *12-15-16*

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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.  
NMLC067849

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator **LIME ROCK RESOURCES II-A,L.P.** Contact: **MIKE PIPPIN**  
 E-Mail: **mike@pipinllc.com**

3. Address **C/O MIKE PIPPIN 3104 N SULLIVAN FARMINGTON, NM 87401** 3a. 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 2410FSL 1505FWL**  
 At top prod interval reported below **NESW 2307FSL 1665FWL**  
 At total depth **NESW 2306FSL 1656FWL**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_  
 7. Unit or CA Agreement Name and No. \_\_\_\_\_  
 8. Lease Name and Well No. **EAGLE 34 K FEDERAL 86**  
 9. API Well No. **30-015-43863**

10. Field and Pool, or Exploratory **RED LAKE, GL-YO NE 96836**  
 11. Sec., T., R., M., or Block and Survey or Area **Sec 34 T17S R27E Mer**  
 12. County or Parish **EDDY COUNTY** 13. State **NM**

14. Date Spudded **09/23/2016** 15. Date T.D. Reached **09/29/2016** 16. Date Completed **11/21/2016**  
 D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\* **3551 GL**

18. Total Depth: MD **4900** TVD **4880** 19. Plug Back T.D.: MD **4833** TVD **4815** 20. Depth Bridge Plug Set: MD \_\_\_\_\_ TVD \_\_\_\_\_

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**INDUCTION & DENSITY 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11.000	8.625 J-55	24.0	0	350		300	71	0	0
7.875	5.500 J-55	17.0	0	4884		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)
3.500	3079							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
RED LAKE, GL-YO NE 96836	2933		3050 TO 3991	0.400	34	OPEN
B)			3480 TO 3821	0.400	32	OPEN
C)			3947 TO 4291	0.400	33	OPEN
D)			4420 TO 4780	0.420	34	OPEN

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

Depth Interval	Amount and Type of Material
3050 TO 3991	1500 GAL 15% HCL & FRACED W/30,000# 100 MESH & 315,280# 40/70 ARIZONA SAND IN SLICK WATER
3480 TO 3821	1500 GAL 15% HCL & FRACED W/35,180# 100 MESH & 330,420# 40/70 ARIZONA SAND IN SLICK WATER
3947 TO 4291	1500 GAL 15% HCL & FRACED W/30,000# 100 MESH & 230,780# 40/70 ARIZONA SAND IN SLICK WATER
4420 TO 4780	1500 GAL 15% HCL & FRACED W/30,200# 100 MESH & 333,280# 40/70 ARIZONA 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
11/22/2016	11/28/2016	24	→	81.0	25.0	794.0			OTHER
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→	81	25	794	309	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	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #359792 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

\*\* 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	2933	3006	OIL & GAS	QUEEN	831
YESO	3006	4411	OIL & GAS	GRAYBURG	1247
TUBB	4411		OIL & GAS	SAN ANDRES	1566
				GLORIETA	2933
				YESO	3006
				TUBB	4411

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 #359792 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 12/04/2016

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 \*\***

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.  
NMLC067849

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. EAGLE 34 K FEDERAL 86
2. Name of Operator LIME ROCK RESOURCES II-A, L.P. E-Mail: MIKE@PIPPINLLC.COM		9. API Well No. 30-015-43863
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 NE 96836
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T17S R27E NESW 2410FSL 1505FWL		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 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 INITIAL COMPLETION OF A NEW OIL WELL.

On 10/11/16, PT 5-1/2" csg to 5000 psi for 30 min-OK. On 10/13/16, perfed Yeso/Tubb @ 4420'-4780' w/34-0.42" holes. On 11/15/16, treated new perms w/1500 gal 15% HCL acid & fraced w/30,200# 100 mesh & 333,280# 40/70 sand in slick water.  
Set 5-1/2" CBP @ 4370' & PT 5-1/2" csg-OK. Perfed Yeso @ 3947'-4291' w/33-0.40" holes. Treated new Yeso perms w/1500 gal 15% HCL & fraced w/30,000# 100 mesh & 293,420# 40/70 sand in slick water.  
Set 5-1/2" CBP @ 3890' & PT 5-1/2" csg-OK. Perfed Yeso @ 3480'-3821' w/32-0.40" holes. Treated new Yeso perms w/1500 gal 15% HCL & fraced w/35,180# 100 mesh & 330,420# 40/70 Arizona sand in slick water.  
Set 5-1/2" CBP @ 3440' & PT 5-1/2" csg-OK. Perfed Yeso @ 3050'-3991' w/34-0.40" holes. Treated new Yeso perms w/1500 gal 15% HCL & fraced w/30,000# 100 mesh & 315,280# 40/70 Arizona sand in slick

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

**Electronic Submission #358770 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 11/22/2016

**THIS SPACE FOR FEDERAL OR STATE OFFICE**

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Additional data for EC transaction #358770 that would not fit on the form**

**32. Additional remarks, continued**

water.

On 11/17/16, MIRUSU. CO after frac, drilled CBPs @ 3440', 3890' & 4370', & CO to PBD @ 4833'. On 11/19/16, landed ESP on 2-7/8" 5.6# L-80 tbg @ 3079'. Released completion rig on 11/21/16.