

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.

Submit to Appropriate District Office  
5 Copies

**NM OIL CONSERVATION**

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE WATER 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		<b>AUG 16 2018</b>		<sup>2</sup> OGRID Number 277558
<sup>4</sup> API Number 30 - 015-32494		<sup>5</sup> Pool Name Red Lake, Glorieta-Yeso		<sup>3</sup> Reason for Filing Code/ Effective Date RT August 2018
<sup>7</sup> Property Code 319942		<sup>8</sup> Property Name FEDERAL Z		<sup>6</sup> Pool Code 51120
				<sup>9</sup> Well Number 2

**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
O	33	17-S	27-E		660	SOUTH	1830	EAST	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
<sup>12</sup> Lse 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
151618	<b>Frontier Field Service</b> 4200 Skelly Dr. Suite 700, Tulsa, OK 74135	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 11/30/02	<sup>22</sup> Ready Date WO: 8/14/18	<sup>23</sup> TD 9790'	<sup>24</sup> PBDT CBP @ 4710'	<sup>25</sup> Perforations 2940'-4489	<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		
17-1/2"	13-3/8" 48#	490	715 sx		
12-1/4"	8-5/8" 32#	2600'	975 sx		
7-7/8"	5-1/2" 17# N-80	9773'	1714 sx		
	2-7/8" tubing	3290'			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date READY	<sup>33</sup> Test Date	<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)	<sup>39</sup> Water (bbls)	Gas (MCF)		<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: <i>Mike Pippin</i> Printed name: Mike Pippin Title: Petroleum Engineer - Agent E-mail Address: mike@pippinllc.com Date: 8/14/18 Phone: 505-327-4573	OIL CONSERVATION DIVISION Approved by: <i>Rusty Allen</i> Title: <i>Business Ops Mgr</i> Approval Date: <i>8-16-2018</i>
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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: 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.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. FEDERAL Z 2
2. Name of Operator LIME ROCK RESOURCES II-A,L.P. Contact: MIKE PIPPIN E-Mail: mike@pippinllc.com		9. API Well No. 50-015-32494
3a. Address 3104 N SULLIVAN FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 505-327-4573 <b>NM OIL CONSERVATION</b>	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 33 T17S R27E SWSE 660FSL 1830FEL <b>ARTESIA DISTRICT</b>		11. County or Parish, State EDDY COUNTY, NM

**RECEIVED**

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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 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 RE-COMPLETION OF THIS WELL TO YESO.

On 7/26/18, MIRUSU. TOH w/rods, pump, & tbg. Set 5-1/2" RBP @ 4700' & 5-1/2" PKR @ 4676' & PT RBP & 5-1/2" csg to 3500 psi for 15 min-OK. TOH w/PKR & RBP. Set 5-1/2" CIBP @ 6830' & top w/25 sx cmt. - *Abandon WC perfs*  
On 7/30/18 PT 5-1/2" csg to 3500 psi-OK. On 7/31/18, set 5-1/2" CBP @ 4710' & perfed Yeso @ 4271'-4489' w/27-0.42" holes. On 8/6/18, treated new perfs w/1500 gal 15% HCL acid & fraced w/30,108# resin coated 100 mesh & 190,085# resin coated 30/50 sand in slick water. Spotted 500 gal 15% HCL across next stage.  
Set 5-1/2" CBP @ 4100'. Perfed Yeso @ 3676'-3951' w/30 holes. Treated new Yeso perfs w/1000 gal 15% HCL & fraced w/29,965# resin coated 100 mesh & 250,180# resin coated 30/50 sand in slick water. Spotted 504 gal 15% HCL across next stage.

**Accepted For Record  
NMOCD**

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #431107 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 08/14/2018

**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*  
*8/16/18*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing, States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd. Department or agency of the United

**Additional data for EC transaction #431107 that would not fit on the form**

**32. Additional remarks, continued**

Set 5-1/2" CBP @ 3630'. Perfed Yeso @ 3370'-3593' w/26 holes. Treated new Yeso perfs w/1000 gal 15% HCL & fraced w/29,965# resin coated 100 mesh & 250,180# resin coated 30/50 sand in slick water. Spotted 500 gal 15% HCL across next stage.

Set 5-1/2" CBP @ 3300'. Perfed Yeso @ 2940'-3241' w/29 holes. Treated new Yeso perfs w/1000 gal 15% HCL & fraced w/28,391# resin coated 100 mesh & 264,755# resin coated 30/50 sand in slick water.

On 8/8/18, MIRUSU. CO after frac, drilled CBPs @ 3300', 3630' & 4100', & CO to CBP @ 4710'. On 8/13/18, landed ESP on 2-7/8" 6.5# L-80 tbg @ 3290'. Released completion rig on 8/14/18.

