

1623 N. French Dr., Hobbs, NM 88240  
 Phone: (575) 393-6161 Fax: (575) 393-3725  
 District II  
 811 S. First St., Artesia, NM 88210  
 Phone: (575) 748-1283 Fax: (575) 748-9720  
 District III  
 1000 Rio Brazos Road, Aztec, NM 87410  
 Phone: (505) 334-6178 Fax: (505) 334-6170  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
**NM OIL CONSERVATION**  
 ARTESIA DISTRICT  
 Energy Minerals and Natural Resources

Form C-101  
 Revised July 18, 2013

OCT. 17 2017 Oil Conservation Division

1220 South St. Francis Dr

RECEIVED Santa Fe, NM 87505

AMENDED Report

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Lime Rock Resources II-A, L P 1111 Bagby Street, Suite 4600 Houston, Texas 77002		<sup>2</sup> OGRID Number 277558
<sup>4</sup> Property Code 315090	<sup>3</sup> Property Name Kaiser 7 M	<sup>5</sup> API Number 30-015- 44493
<sup>6</sup> Well No 314834		<sup>7</sup> Well No #15

**7 Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	7	18S	27E		330	S	990	W	Eddy

**8 Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	7	18S	27E		330	S	990	W	Eddy

**9 Pool Information**

Red Lake; Glorieta-Yeso	51120
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**Additional Well Information**

<sup>9</sup> Work Type N	<sup>10</sup> Well Type O	<sup>11</sup> Cable/Rotary R	<sup>12</sup> Lease Type P	<sup>13</sup> Ground Level Elevation 3287.6
<sup>14</sup> Multile N	<sup>15</sup> Proposed Depth 4550' MD / 4550' TVD	<sup>16</sup> Formation Yeso	<sup>17</sup> Contractor United Drilling, Inc	<sup>18</sup> Soud Date After 11/1/2017
Depth to Ground Water: 8 Ft		Distance from nearest fresh water well: 0.4 Miles		Distance from nearest surface water: 0.26 Miles

We will be using a closed-loop system in lieu of lined

**19 Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Conductor	26"	20"	91.5	80	80	Surface
Surface	12.25"	8-5/8"	24	1230	600	Surface
Production	7-7/8"	5-1/2"	17	4550	800	Surface

**Casing/Cement Program: Additional Comments**

Artesian Aquifer Porosity 1160'-1170'

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
XLT 11"	5000	2000	National Varco

hereby certify that the information given above is true and complete to the best of my knowledge and belief.

further certify that I have complied with 19.15.14.9 (A)  and/or 19.15.14.9 (B) NMAC 0, if

Signature: *Eric P. McClusky*

Printed Name: Eric McClusky

Title: Operations Engineer

E-mail Address: emclusky@limerockresources.com

Date: 10/18/2017 Phone: 713-360-5714

<b>OIL CONSERVATION DIVISION</b>	
Approved By: <i>Raymond W. Sudary</i>	
Title: <i>Geologist</i>	
Approved Date: <i>10/24/17</i>	Expiration Date: <i>10/24/19</i>
Conditions of Approval Attached	