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Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-6720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-5178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
Revised July 18, 2013

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

☐ AMENDED Report

NM OIL CONSERVATION  
ARTESIA DISTRICT

OCT 18 2017

RECEIVED

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 Terry 14G	<sup>5</sup> API Number 30-015- 44494
		<sup>6</sup> Well No #3

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	14	18S	26E		2510	N	1935	E	Eddy

<sup>8</sup> Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	14	18S	26E		2310	N	1655	E	Eddy

<sup>9</sup> Pool Information

Atoka: Glorieta-Yeso	3250
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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 3311.6
<sup>14</sup> Multiple N	<sup>15</sup> Proposed Depth 4334' MD / 4300' 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: 100 Ft.		Distance from nearest fresh water well: 0.127 Miles		Distance from nearest surface water: 1.84 Miles

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

<sup>19</sup> 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	4334	800	Surface

Casing/Cement Program: Additional Comments

Artesian Aquifer Porosity 1160'-1170'
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Proposed Blowout Prevention Program

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

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

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

Signature: *Eric McClusky*

Printed Name: Eric McClusky

Title: Operations Engineer

E-mail Address: emcclusky@limerockresources.com

Date: 10/17/2017

Phone: 713-360-5714

OIL CONSERVATION DIVISION

Approved By:

*Raymond W. Pradany*

Title:

*Geologist*

Approved Date:

*10/24/17*

Expiration Date:

*10/24/19*

Conditions of Approval Attached