

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
June 16, 2001

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

Submit to appropriate District Office

☒ 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 A, L.P. 1111 Bagby Street, Suite 4600 Houston, TX 77002		<sup>2</sup> OGRID Number 255333
		<sup>3</sup> API Number 30-015-38513
<sup>3</sup> Property Code 305462	<sup>5</sup> Property Name JEFFER <del>22</del> STATE	<sup>6</sup> Well No. 3
<sup>9</sup> Proposed Pool 1 ARTESIA, Glorieta-Yeso (96830)		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot o J	Section 32	Townshi 17-S	Range 28-E	Lot Idn	Feet from the 2310'	North/South line South	Feet from the 2032	East/West line East	County EDDY
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<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3677'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 5,200'	<sup>18</sup> Formation Yeso	<sup>19</sup> Contractor UNITED DRILLING	<sup>20</sup> Spud Date 9/21/11

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	350'	300 sx C + Add.	Surface
7 7/8"	5 1/2"	17#	5,200'	600 sx 35/65 POZ/C	(lead) Surface
				600 sx "C"	(trail) surface

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone  
Describe the blowout prevention program, if any Use additional sheets if necessary  
Drilling operations will utilize a closed loop mud system w/fresh water during surface hole and brine fluids after BOP info attached.  
Plan to drill a 12-1/4" hole to approx. 450', then set and cement 8-5/8" casing to 450'. Class C cement will be circulated back to surface.

Drill 7 7/8" hole to TD of approx. 3500'. Run OH logs. Set 5 1/2" casing to TD and cement will be circulated back to surface.  
Perforate the San Andres interval. Stimulate as necessary for optimum production. Produce well by flowing or pumping.

H2S levels are not expected to high enough to require a H2S Contingency Plan

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SEP 01 2011

NMOCD ARTESIA

OIL CONSERVATION DIVISION

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*George R. Smith*

Printed name

George R. Smith

Title:

POA Agent for Lime Rock Resources A, L.P.

E-mail Address

grsmith130@yahoo.com

Date:

February 10, 2011

Phone:

(575) 623-4940

Approved by:

*David Gray*

Title:

Field Supervisor

Approval Date:

9/6/2011

Expiration Date:

3/2/2013

Conditions of Approval Attached ☐