

MAR 02 2009

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Form C-101  
June 16, 2001District 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

## 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 St. Suite 4600 Houston, TX 77002		<sup>2</sup> OGRID Number 255333
<sup>3</sup> Property Code 305462	<sup>5</sup> Property Name ENRON STATE	<sup>3</sup> API Number 30 - 015 - 36979 <sup>6</sup> Well No. 14
<sup>9</sup> Proposed Pool 1 Red Lake; Glorieta-Yeso, <i>Northeast</i>		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no C	Section 32	Township 17-S	Range 28-E	Lot Idn	Feet from the 990	North/South line North	Feet from the 2035	East/West line West	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 3700'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 4000'	<sup>18</sup> Formation Yeso	<sup>19</sup> Contractor United Drilling	<sup>20</sup> Spud Date 5/15/09

<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"	14#	4,000'	350 Poz + 400 Lite	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.

Lime Rock Resources A, L.P. proposes to drill/test the Yeso formation. Approximately 350' will be drilled with fresh water, then set and cement 8 5/8" surface casing. to 350'.

Drill 7 7/8" hole to T.D. at approx. 4,000'. Run OH logs. Set 5 1/2" casing to T.D. and cement will be circulated back to surface.

Will perforate the Yeso formation and stimulate, as necessary, for optimum production. Produce well by flowing or pumping.

H2S levels are not expected to be high enough to require an H2 S program.

See Exhibit "A" for BOP.

<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

Agent for Lime Rock Resources A, L.P.

E-mail Address

gr.smith130@yahoo.com

Date.

2/27/09

Phone

575-623-4940

## OIL CONSERVATION DIVISION

Approved by:

*Jaqui Deen*

Title

District 11 Geologist

Approval Date.

3/4/09

Expiration Date:

3/4/2011

Conditions of Approval Attached ☐

# State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., HOBBES, NM 88240

Energy, Minerals and Natural Resources Department

## 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

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-36979	Pool Code 96836	Pool Name Redlake; Glorieta-Yeso, Northeast
Property Code 305462 ✓	Property Name ENRON STATE ✓	Well Number 14
OGRID No. 255333	Operator Name LIME ROCK RESOURCES A, L.P.	Elevation 3700'

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	17-S	28-E		990	NORTH	2035	WEST	EDDY

### 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

Dedicated Acres 40 ✓	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETIC COORDINATES NAD 27 NME Y=652998.5 N X=541202.3 E LAT.=32.795111' N LONG.=104.199250' W</p>	<h3>OPERATOR CERTIFICATION</h3> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>George R. Smith</i> 2/27/09 Signature Date George R. Smith, agent Printed Name</p> <h3>SURVEYOR CERTIFICATION</h3> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p><i>GARY G. EIDSON</i> NOVEMBER 19, 2008 Date Surveyed Signature &amp; Seal of Professional Surveyor <i>GARY G. EIDSON</i> 12/03/08 08-11-1932 Certificate No. GARY EIDSON 12041 RONALD J. EIDSON 3239</p>
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## BOP DIAGRAM 3000# SYSTEM

