

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

MAR 02 2009

LM
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**

¹ Operator Name and Address Lime Rock Resources A, L.P 1111 Bagby St. Suite 4600 Houston, TX 77002		² OGRID Number 255333
³ Property Code 305451		⁴ Property Name STALEY STATE
⁵ Proposed Pool 1 Red Lake; Glorieta-Yeso		⁶ Well No. 8
⁷ Surface Location		⁸ Proposed Pool 2

UL or lot no J	Section 30	Township 17-S	Range 28-E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 2310	East/West line East	County Eddy
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⁸ 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

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3601'
¹⁶ Multiple N	¹⁷ Proposed Depth 4000'	¹⁸ Formation Yeso	¹⁹ Contractor United Drilling	²⁰ Spud Date 4/01/09

²¹ 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#	420'	350 sx "C"+ add	Surface
7 7/8"	5 1/2"	14#	4,000'	350 Poz + 400 Lite	Surface

²² 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 420' will be drilled with fresh water, then set and cement 8 5/8" surface casing to 420'.

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.

²³ 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:

Jacqui Reever

Title:

District II Geologist

Approval Date:

3/4/09

Expiration Date:

3/4/2011

Conditions of Approval Attached ☐



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State of New Mexico
Energy, Minerals and Natural Resources Department

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 30-015-36977	Pool Code 96836	Pool Name Red Lake; Glorieta-Yeso, Northeast
Property Code 305451	Property Name STALEY STATE	Well Number 8
OGRID No. 255333	Operator Name LIME ROCK RESOURCES A, L.P.	Elevation 3601'

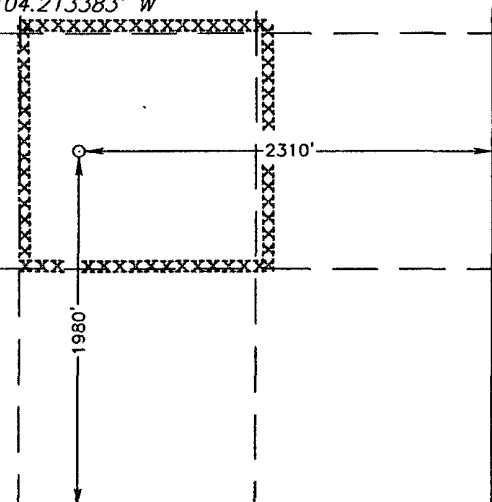
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	30	17-S	28-E		1980	SOUTH	2310	EAST	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.				

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

LOT 1	LOT 2	LOT 3	LOT 4	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=655918.0 N X=536856.3 E</p> <p>LAT.=32.803150° N LONG.=104.213383° W</p> 	<p>OPERATOR CERTIFICATION</p> <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>George R. Smith 2/27/09 Signature Date George R. Smith, agent Printed Name</p>
					<p>SURVEYOR CERTIFICATION</p> <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>GARY G. EIDSON NOVEMBER 19 2008 Date Surveyed Signature & Seal of Professional Surveyor Gary G. Eidson 12/6/08 08 NOV 1929</p>
					<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>

BOP DIAGRAM 3000# SYSTEM

