

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 09 2009

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 API Number 30-015-36990
³ Property Code 305464	⁵ Property Name MARATHON 25 STATE	⁶ Well No. 28
⁹ Proposed Pool 1 Red Lake; Queen-Grayburg-SA (51300)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no E	Section 25	Township 17-S	Range 28-E	Lot Idn	Feet from the 2310	North/South line North	Feet from the 990	East/West line West	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 3668'
¹⁶ Multiple N	¹⁷ Proposed Depth 3,600'	¹⁸ Formation San Andres	¹⁹ Contractor United Drilling	²⁰ Spud Date 5/01/09

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#	400'	350 sx "C"+ add	Surface
7 7/8"	5 1/2"	14#	3,600'	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 San Andres formation. Approximately 400' will be drilled with fresh water, then set and cement 8 5/8" surface casing. to 400'.

Drill 7 7/8" hole to T.D. at approx. 3,600'. Run OII logs. Set 5 1/2" casing to T.D. and cement will be circulated back to surface.

Will perforate the San Andres 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:

3/6/09

Phone

575-623-4940

OIL CONSERVATION DIVISION

Approved by:

Jacqui Brown

Title:

District II Geologist

Approval Date

3/10/2009

Expiration Date

3/10/2011

Conditions of Approval Attached ☐

DISTRICT I

1000 N. FRANKLIN DR., ROSA, NM 88000

DISTRICT II

1201 E. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 Rio Grande Rd., Artes, NM 87410

DISTRICT IV

1200 S. ST. FRANCIS DR., SANTA FE, NM 87505

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, 2006

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-36990	Pool Code 51300	Pool Name Red Lake; Queen-Grayburg-SA
Property Code 305464	Property Name MARATHON 25 STATE	Well Number 28
OCEDD No. 255333	Operator Name LIME ROCK RESOURCES A, L.P.	Elevation 3668'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	17-S	28-E		2310	NORTH	990	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.			

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=657510.4 N X=561019.1 E LAT.=32.807427° N LONG.=104.134734° W</p>	OPERATOR CERTIFICATION 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. Signature <u>George R. Smith</u> Date <u>11/25/09</u> Printed Name <u>George R. Smith, agent</u>
	SURVEYOR CERTIFICATION 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. Date Surveyed <u>NOVEMBER 18, 2008</u> Signature & Seal of Professional Surveyor <u>GARY E. EDSON</u> Certificate No. <u>GARY EDSON 12041</u> <u>RONALD J. EDSON 3230</u>

BOP DIAGRAM 3000# SYSTEM

