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

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

Form C-101
June 16, 200?

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	[2] OGRID Number
Lime Rock Resources A, L P 1111 Bagby St., Suite 4600 Houston, TX 77002	255333

[3] API Number
30 - 015 - 38360

[4] Property Code ~~306812~~ 306811	[5] Property Name Aid 24 State	[6] Well No 16

[9] Proposed Pool 1 Empire Glorieta-Yeso (96210) ✓	[10] Proposed Pool 2

[7] Surface Location

Ul or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K¼	24	17S	28E		1650	South	1650	West	Eddy

[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

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
N	O	R	S	3705'
[16] Multiple	[17] Proposed Depth	[18] Formation	[19] Contractor	[20] Spud Date
N	5,500'	Glorieta-Yeso	United	1/31/11

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 ¼"	8 5/8"	24#	350'	350 sx 'C' - add	Surface
7 7/8"	5 1/2"	17#	5,500'	550 sx 35/65 Poz/C	Lead
				600 sx C	Tail to 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.
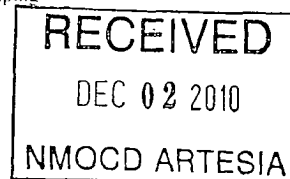
Lime Rock Resources A, L P proposes to drill/test the Empire formation. Approximately 350 feet will be drilled with fresh water, then set and cement 8 5/8" surface casing to 350 feet.
Drill 7 7/8" hole to T D at approx. 5,500. Run O/H logs. Set 5 1/2" casing to T D and cement will be circulated back to surface
Will perforate the Empire 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 H2S contingency program

See exhibit "A" for BOP

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DEC 02 2010
NMOCD ARTESIA

[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
POA agent for Lime Rock Resources A, L P

E-mail Address
gr smith1@hotmail.com

Date 11/29/10	Phone 575-623-4940

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date	Expiration Date

FOR RECORD ONLY

Conditions of Approval Attached ☐