

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**

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 - G15 - 38360
³ Property Code 306812	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
K9	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
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Additional Well Information

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

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#	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.

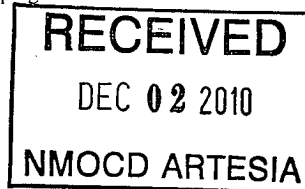
Lime Rock Resources A, L.P. proposes to drill/test the Empire formation. Approximately 350 feet will be drilled with fresh water, then set and cement 8 5/8" surface casing to 350 feet.

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.



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:

Jaqueline
Geologist

Title:

Approval Date:

12/10/2010

Expiration Date:

12/10/2010

Conditions of Approval Attached ☐

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

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 30-015-38360	Pool Code 96210	Pool Name Empire; Glorieta-Yeso
Property Code 306812	Property Name AID 24 STATE	Well Number 16
OGRID No. 255333	Operator Name LIMEROCK RESOURCES A, L.P.	Elevation 3705'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	24	17-S	28-E		1650	SOUTH	1650	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	Joint or Infill	Consolidation Code	Order No.
40			

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</p> <p>Y=661478.6 N X=561690.5 E</p> <p>LAT.=32.818331° N LONG.=104.132525° 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><u>George R. Smith</u> 11/30/10 Signature Date</p> <p><u>George R. Smith, agent</u> 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>NOVEMBER 4, 2010 Date Surveyed LA</p> <p><u>RONALD J. EIDSON</u> Signature & Seal of Mexico Professional Surveyor</p> <p>3239 10.11.1672</p> <p>Certificate No. 12641 RONALD J. EIDSON 3239</p>
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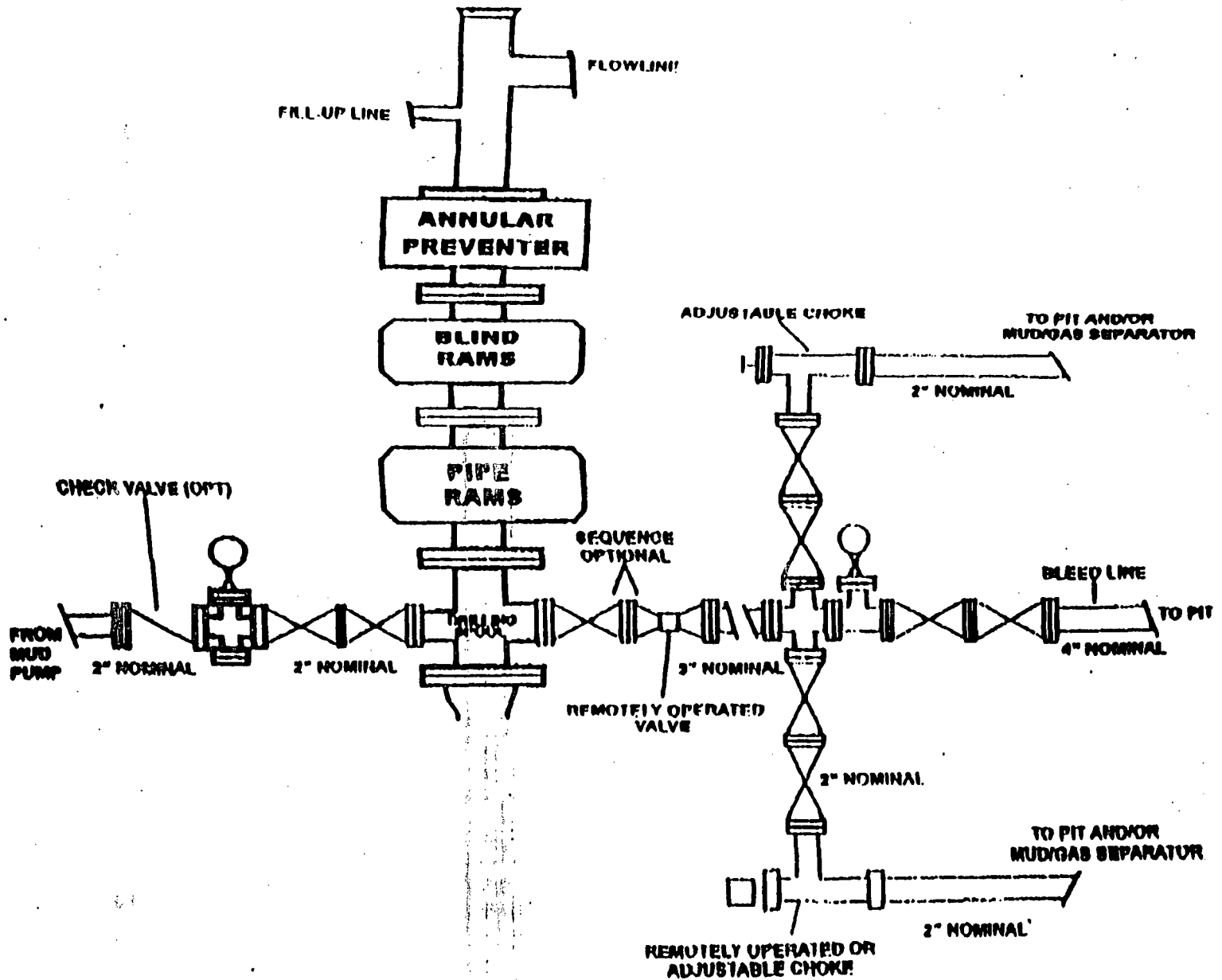
**BOP DIAGRAM
3000# SYSTEM**

EXHIBIT "A"
Lime Rock Resources A, LP
Aid 24 State, Well No. 16
BOP Specifications