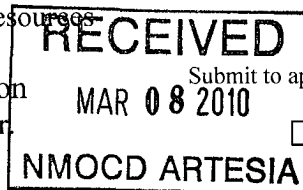


District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

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, 2008

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 - 37672 |
| ³ Property Code 306140 | ⁵ Property Name No Bluff 36 State Com | ⁶ Well No 10 |
| ⁹ Proposed Pool 1 Red Lake; Glorieta-Yeso NE (96836) ✓ | | ¹⁰ Proposed Pool 2 |

⁷ Surface Location

| UL or lot no D | Section 36 | Township 17S | Range 27E | Lot Idn | Feet from the 330 | North/South line North | Feet from the 890 | East/West line West | County 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 N | ¹² Well Type Code O | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3595' |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 4,800' | ¹⁸ Formation Yeso | ¹⁹ Contractor United | ²⁰ Spud Date 05/10/10 |

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# | 425' | 350 sx "C" + add. | Surface |
| 7 7/8" | 5 1/2" | 15 5# | 4800' | 450 sx 35/65 Poz/C | Lead |
| | | | | 550 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 Yeso formation Approximately 425 feet will be drilled with fresh water, then set and cement 8 5/8" surface casing to 425 feet.
Drill 7 7/8" hole to T D at approx 4,800' Run O/H 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 H2S 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
Grsmith1@hotmail.com

Date:
03/05/10

Phone:
575-623-4940

OIL CONSERVATION DIVISION

Approved by:

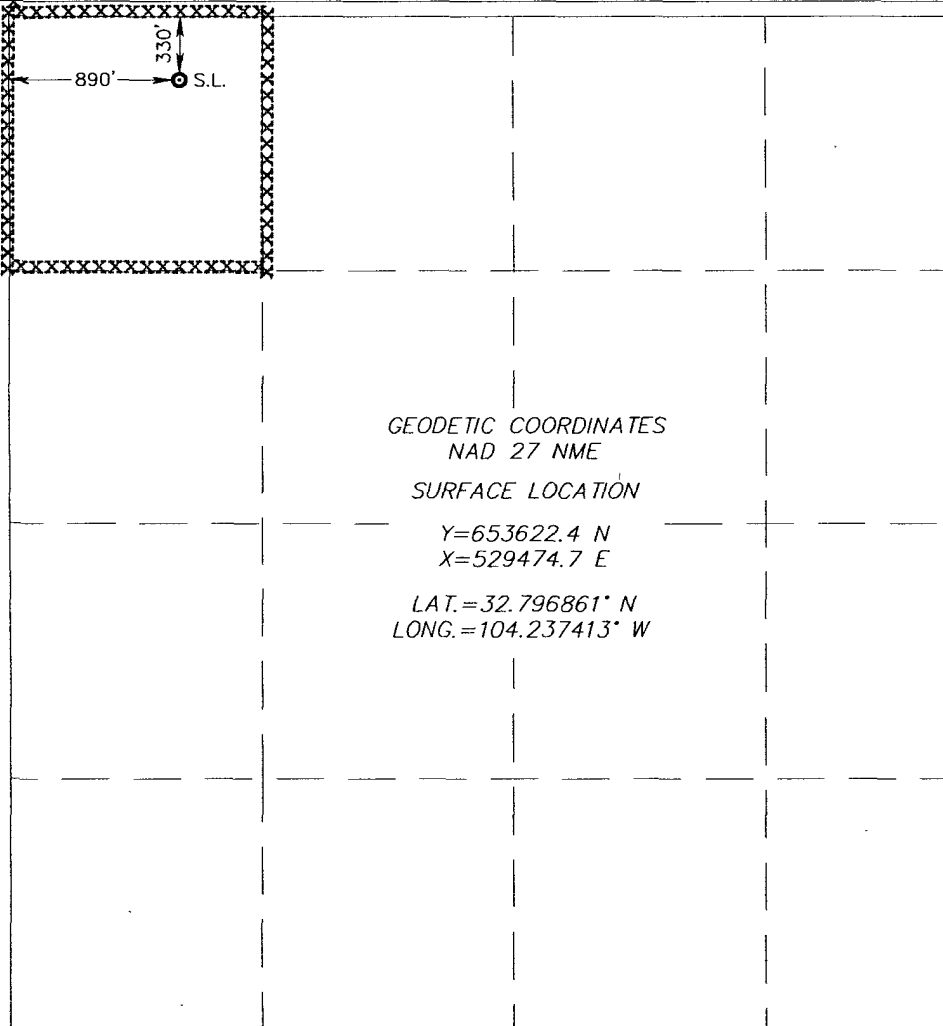
Argui Reer
Geologist

Title:

Approval Date: 3/16/2010

Expiration Date: 3/16/2012

Conditions of Approval Attached ☐



GEODETIC COORDINATES
 NAD 27 NME
 SURFACE LOCATION
 Y=653622.4 N
 X=529474.7 E
 LAT.=32.796861° N
 LONG.=104.237413° W

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.

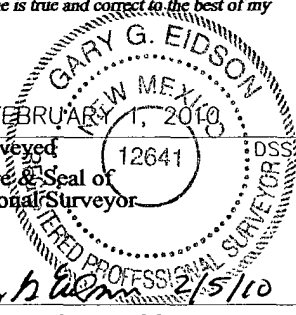
George R. Smith
 Signature

3/5/10
 Date

George R. Smith, POA agent
 Printed Name

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
2/5/10
 Signature & Seal of
 Professional Surveyor

12641
 DSS

Gary G. Eidson 2/5/10
 10.11.0120

Certificate No. GARY G. EIDSON
 RONALD J. EIDSON

12641
 3239

BOP DIAGRAM 3000# SYSTEM

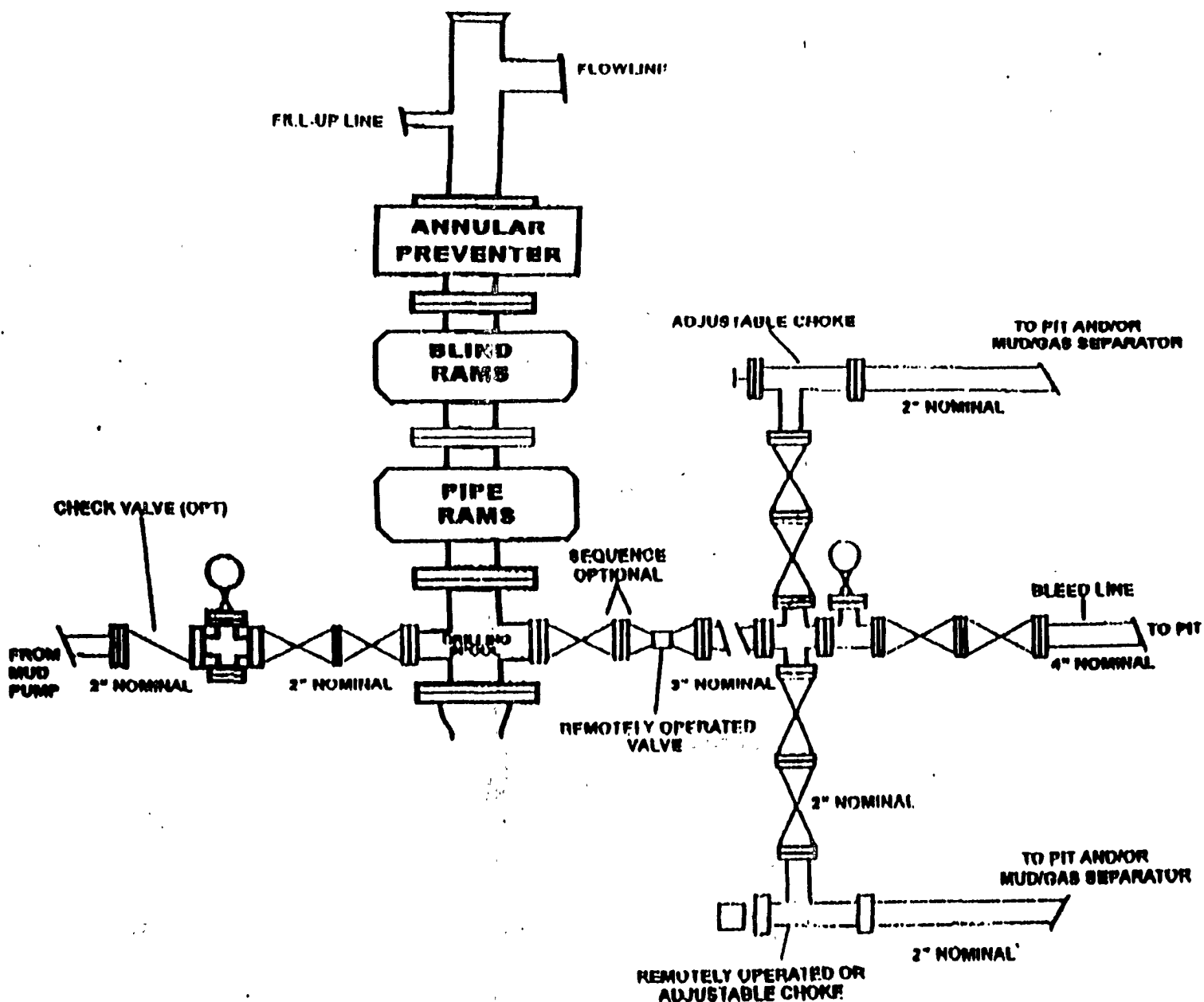


EXHIBIT "A"
LIME ROCK RESOURCES A, L.P.