

District I

1625 N French Dr., Hobbs, NM 88240

District II

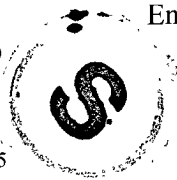
1301 W Grand Avenue, Artesia, NM 88210

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

SEP 23 2008

Form C-101

June 16, 2001

OCD-ARTESIA

Submit to appropriate District Office

☐ AMENDED REPORTAPPLICATION 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 304300		³ API Number 30 - 005 - 64070
⁵ Property Name Willow Creek BFI State		⁶ Well No 10
⁹ Proposed Pool 1 Pecos Slope Abo		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
1	30	4-S	25-E		1980	South	660	East	Chaves

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 G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3905'
¹⁶ Multiple N	¹⁷ Proposed Depth 4300'	¹⁸ Formation Abo	¹⁹ Contractor United Drilling	²⁰ Spud Date 12/01/08

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#	1,000'	475 sx "C" + add	Surface
7 7/8"	14 1/2"	11.6#	4,300'	350 sx "C" + add	2,800' 500'

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 Abo formation. Approximately 1,000' will be drilled with fresh water, then set and cement 8 5/8" surface casing. Drill 7 7/8" hole to T.D. at approx. 4,300'. Run OH logs. Set 4 1/2" casing to T.D. and cement will be circulated back to 2,800' TOC. Will perforate the Abo formation and stimulate as necessary for optimum production. Produce well by flowing.

H2S levels are not expected to be high enough to require an H2 S program.

Pits must be registered, operated,
maintained and closed per 19.15.17
[NMAC]

true and complete to the

Signature <i>George R. Smith</i>		OIL CONSERVATION DIVISION	
Printed name. George R. Smith		Approved by: <i>Jim W. Green</i>	
Title Agent for Lime Rock Resources A, L.P.:		Title: <i>District II Supervisor</i>	
E-mail Address grsmith1@prodigy.net		Approval Date: 10/8/08	Expiration Date: 10/8/10
Date: 9/19/08	Phone 575-623-4940	Conditions of Approval Attached <input type="checkbox"/>	



DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 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, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-005-64070	Pool Code 82730	Pool Name Pecos Slope Abo
Property Code 304300	Property Name WILLOW CREEK BFI STATE	Well Number 10
OGRID No. 255333	Operator Name 'LIME ROCK RESOURCES A, L.P.	Elevation 3905'

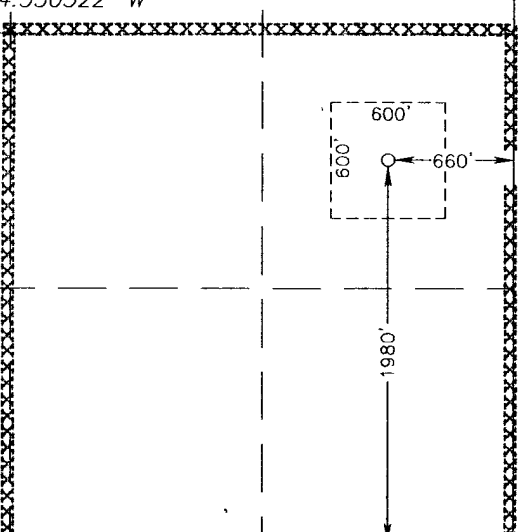
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	30	4-S	25-E		1980	SOUTH	660	EAST	CHAVES

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 160	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=1065279.5 N X=494786.2 E LAT.=33.928332° N LONG.=104.350522° 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><i>George R. Smith</i> 9/19/08 Signature Date</p> <p>George R. Smith, agent Printed Name for Lime Rock Resources</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>RONALD J. EIDSON 9/19/08 Date Surveyed JC</p> <p><i>Ronald J. Eidson</i> Signature & Seal of Professional Surveyor</p> <p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>
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BOP DIAGRAM 3000# SYSTEM

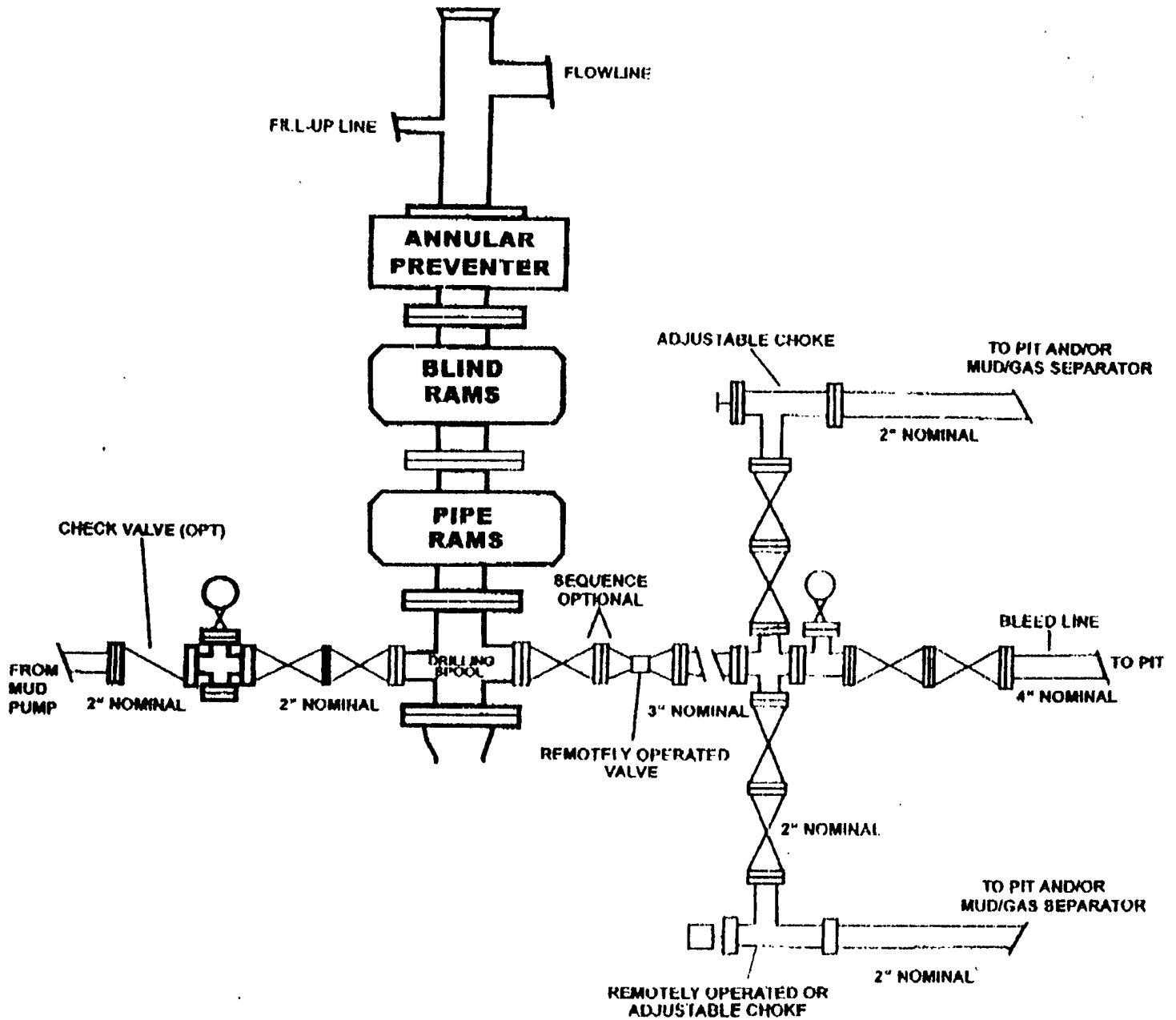


EXHIBIT "A"
Lime Rock Resources A, L.P.
Willow Creek BFI State, Well No. 10
BOP Specifications