

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

SEP 23 2008  
OCD-ARTESIA  
Form C-101  
June 16, 2001  
Submit to appropriate District Office



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

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,  
PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Lime Rock Resources A, L.P. 1111 Bagby St. Suite 4600 Houston, TX 77002		<sup>2</sup> OGRID Number 255333
<sup>3</sup> Property Code 304300		<sup>4</sup> API Number 30 - 005-64068
<sup>5</sup> Property Name Willow Creek BFI State		<sup>6</sup> Well No. 9
<sup>9</sup> Proposed Pool 1 Pecos Slope Abo		<sup>10</sup> Proposed Pool 2

**Surface Location**

UL or lot no E	Section 30	Township 4-S	Range 25-E	Lot Idn Lot #2	Feet from the 2310	North/South line North	Feet from the 800	East/West line West	County Chaves
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**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**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3941'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 4300'	<sup>18</sup> Formation Abo	<sup>19</sup> Contractor United Drilling	<sup>20</sup> Spud Date 11/03/08

**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'

<sup>22</sup> 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

<sup>23</sup> [NMAC]	complete to the	OIL CONSERVATION DIVISION	
best		Approved by	Jim W. Green
Signature		Title	District II Supervisor
Printed name: George R. Smith		Approval Date	10/3/08
Title Agent for Lime Rock Resources A, L.P.		Expiration Date	10/3/10
E-mail Address grsmith1@prodigy.net		Conditions of Approval Attached <input type="checkbox"/>	
Date 9/19/08	Phone 575-623-4940		

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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 <b>30.005.64068</b>	Pool Code <b>82730 -</b>	Pool Name <b>Pecos Slope Abo</b>
Property Code <b>304300</b>	Property Name <b>WILLOW CREEK BFI STATE</b>	Well Number <b>9</b>
OGRID No. <b>255333</b>	Operator Name <b>LIME ROCK RESOURCES A, L.P.</b>	Elevation <b>3941'</b>

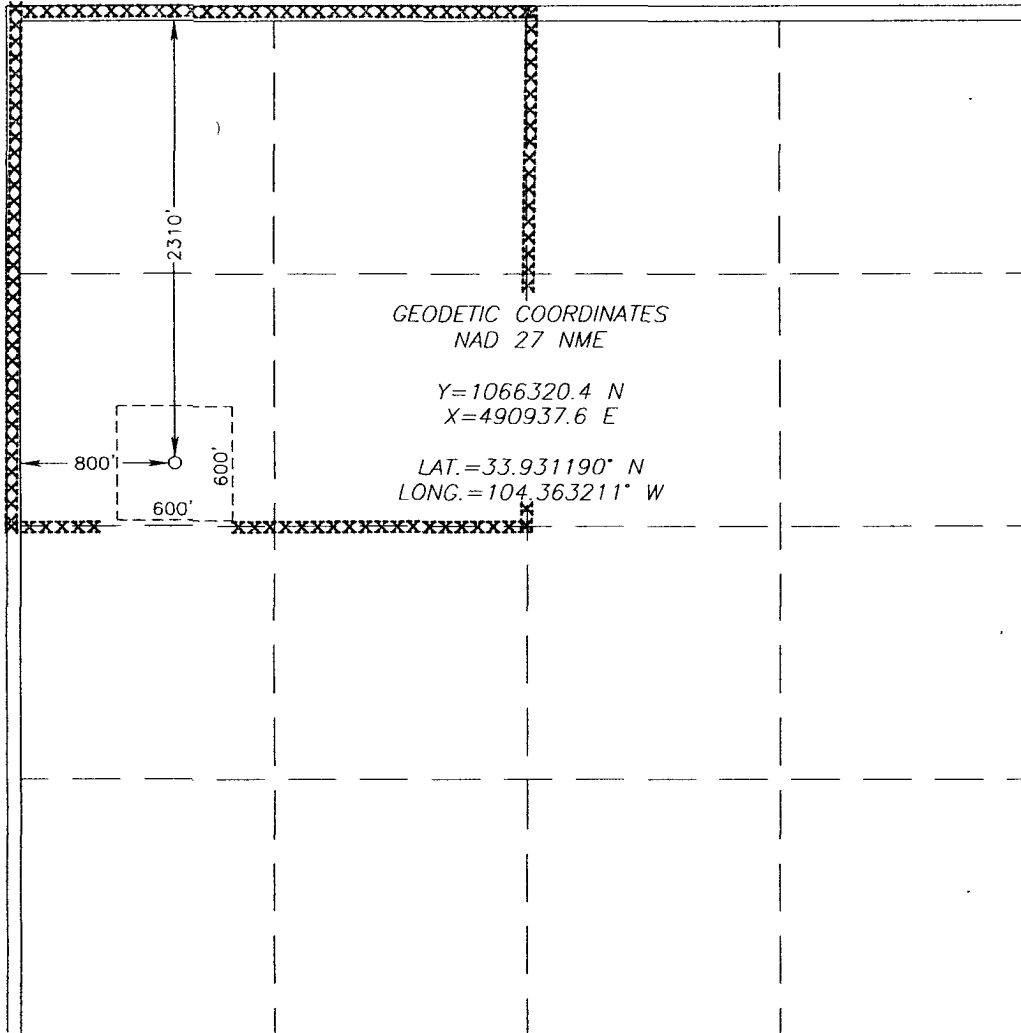
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	30	4-S	25-E		2310	NORTH	800	WEST	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 <b>160 -</b>	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



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 9/19/08  
Signature Date

George R. Smith  
Printed Name  
Agent for Lime Rock Res.

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: 9/11/08  
Signature: Ronald J. Eidson  
Seal of Professional Surveyor  
Certificate No. GARY EIDSON 12641  
RONALD J. EIDSON 3239

# **BOP DIAGRAM 3000# SYSTEM**

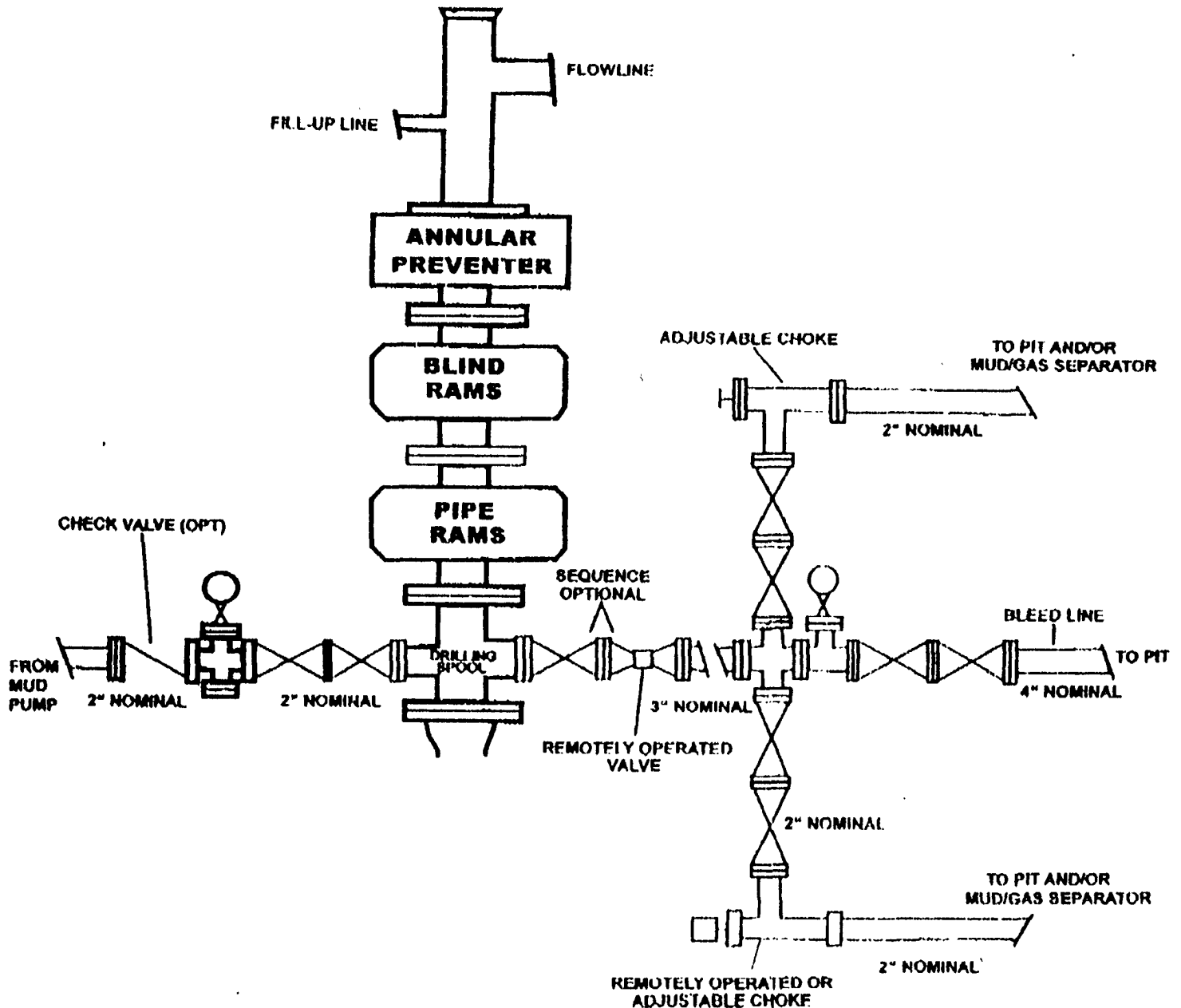


EXHIBIT "A"  
Lime Rock Resources A, L.P.  
Willow Creek BFI State, Well No. 9  
BOP Specifications