

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 IIA, L P 1111 Bagby St., Suite 4600 Houston, TX 77002 ✓		² OGRID Number 277558
³ Property Code 38840 ✓	⁵ Property Name Waldrop 13 P Fee	³ API Number 30-015-39429
⁹ Proposed Pool 1 Red Lake: Glorieta-Yeso 496330 51120 ✓		⁶ Well No 1
¹⁰ Proposed Pool 2		

7 Surface Location

UL or lot no P	Section 13	Township 18S	Range 26E	Lot Idn	Feet from the 990	North/South line South	Feet from the 330	East/West line East	County Eddy ✓
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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

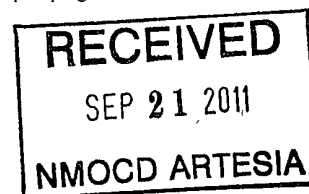
¹¹ Work Type Code N ✓	¹² Well Type Code O ✓	¹³ Cable/Rotary R ✓	¹⁴ Lease Type Code P ✓	¹⁵ Ground Level Elevation 3291' ✓
¹⁶ Multiple N	¹⁷ Proposed Depth 4,200' ✓	¹⁸ Formation Glorieta-Yeso ✓	¹⁹ Contractor United	²⁰ Spud Date 11/25/11

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	250'	321 sx "C" + add	Surface
12 1/4"	8 5/8"	24#	1,600'	338 sx "C"	"Lead
				500 sx C	Tail to surface
7 7/8"	5 1/2"	17#	4,200'	380 SX 35/65 (Poz-C)	Lead
				525 sx "C" + add	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 See Exhibit "A"
Lime Rock Resources A, L.P. proposes to drill/test the Red Lake Yeso formation Approximately 250 feet will be drilled with fresh water, then set and cement 13 3/8" surface casing to 250 feet Drill 12 1/4" hole to 1600 feet and set 8 5/8" casing
Drill 7 7/8" hole to T D. at approx 4,200'. Run O/H logs. Set 5 1/2" casing to T D and cement will be circulated back to surface.
Will perforate the Glorieta- 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 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		OIL CONSERVATION DIVISION	
Signature: <i>George R. Smith</i> ✓		Approved by: <i>T. C. Shepard</i>	
Printed name: George R. Smith		Title: Geologist	
Title: POA agent for Lime Rock Resources A, L P		Approval Date: 9/23/2011	Expiration Date: 09/23/2013
E-mail Address: gr.smith1@hotmail.com			
Date: 9/20/11	Phone: 575-623-4940	Conditions of Approval Attached <input type="checkbox"/>	

2000 psi System

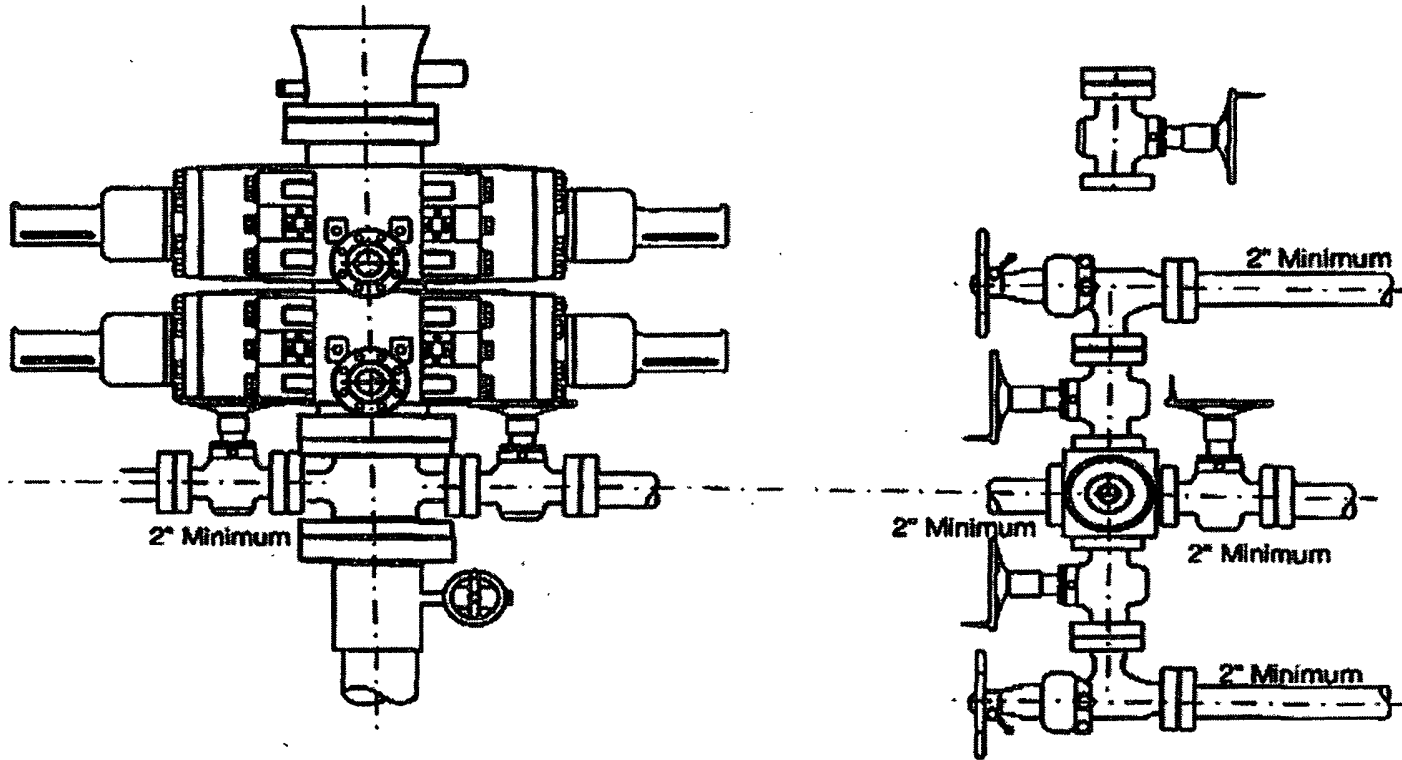


Figure 3-1