

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, 2008

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 Property Code 38838	⁵ Property Name Kaiser 7K	³ API Number 30-015-39453
⁹ Proposed Pool 1 Red Lake, Glorieta-Yeso (96230) 51120		¹⁰ Proposed Pool 2

Surface Location

UL or lot no K.	Section 7	Township 18S	Range 27E	Lot Idn	Feet from the 1650	North/South line South	Feet from the 2310	East/West line West	County Eddy
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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

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 3,900'	¹⁸ Formation Glorieta-Yeso	¹⁹ Contractor United	²⁰ Spud Date 9/19/11

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#	3 900'	380 SX 35/65 (Poz-C)	Lead to surface
				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 3,900'. 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

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
8/25/11

Phone
575-623-4940

OIL CONSERVATION DIVISION

Approved by

[Signature]
Geologist

Approval Date:

09/26/11

Expiration Date

09/26/13

Conditions of Approval Attached ☐

[Handwritten mark]

BOP DIAGRAM 3000# SYSTEM

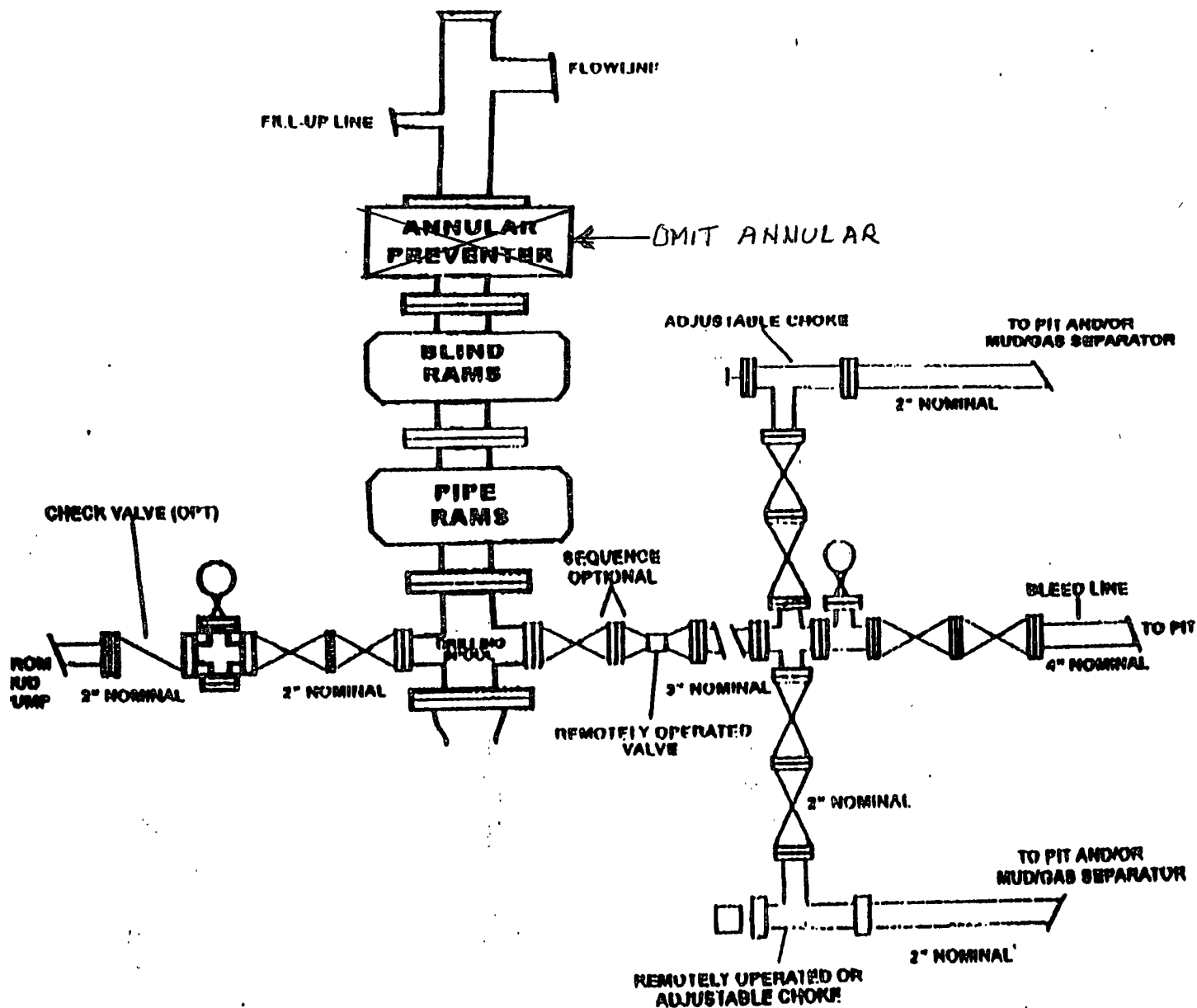
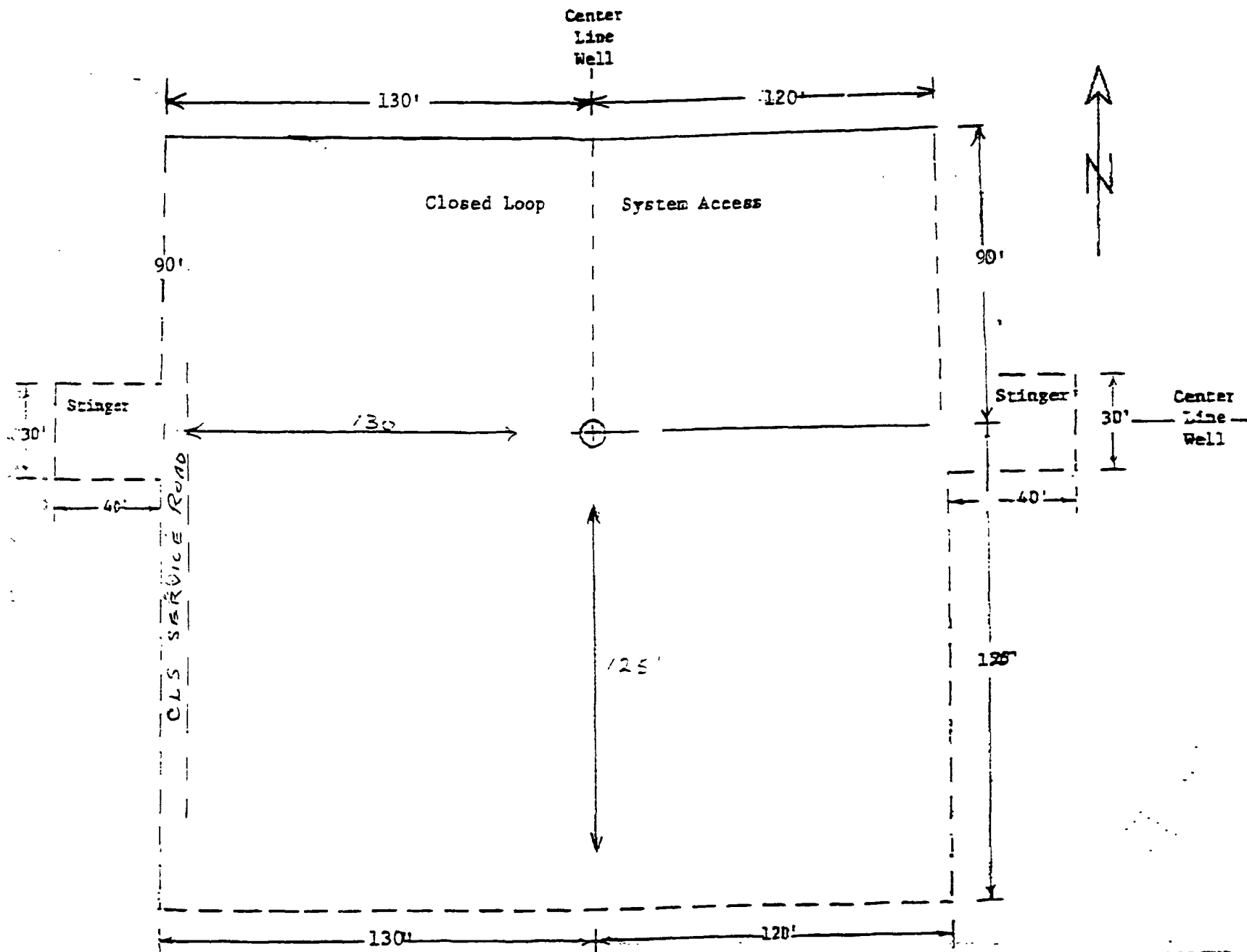


EXHIBIT "A"
LIME ROCK RESOURCES A, L.P.
BOP Specifications



UNITED DRILLING, INC.

LOCATION PLAT

RIG