

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

HOBBS OGD

Submit to appropriate District Office

JAN 04 2012

☐ AMENDED REPORT

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

RECEIVED

¹ Operator Name and Address Lime Rock Resources IIA, L.P. 1111 Bagby Street, Suite 4600 Houston, TX 77002		² OGRID Number 255333 277558
³ Property Code 309022	⁵ Property Name Kaiser 18 G KAISER BIG	⁶ Well No. 12
⁹ Proposed Pool 1 Red Lake; Glorieta-Yeso (51300)		¹⁰ Proposed Pool 2

Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
G	18	18S	27E		1650	Line South	2310'	East	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
									EDDY

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3288'
¹⁶ Multiple N	¹⁷ Proposed Depth 3,900'	¹⁸ Formation Glorieta-Yeso	¹⁹ Contractor UNITED DRILLING	²⁰ Spud Date 12-20-11

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 5/8"	48#	250'	321 sx Cl "C"	Surface
12 1/4"	8 5/8z	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"	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" for BOP program.
Lime Rock Resources IIA, 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 with brine water 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 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. <

RECEIVED
NOV 22 2011
NMOCD ARTESIA

**Permit Expires 2 Years From Approval
Date Unless Drilling Underway**

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 IIA, L.P.

E-mail Address:

grsmith130@yahoo.com

Date:

November 18, 2011

Phone:

(575) 623-4940

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JAN 04 2012

Expiration Date:

Conditions of Approval Attached ☐

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-39687		Pool Code 96330	Pool Name Red Lake; Glorieta-Yeso
Property Code 309019	Property Name KAISER 18 G		Well Number 12
OGRID No. 277558	Operator Name LIME ROCK RESOURCES A, L.P.		Elevation 3288'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	18	18-S	27-E		1650	NORTH	2310	EAST	EDDY

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 40	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 SURFACE LOCATION Y=636745.4 N X=505252.6 E LAT.=32.750506° N LONG.=104.316249° 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> 11/21/11 Signature Date</p> <p>George R. Smith POA agent Printed Name</p> <p>E-mail Address</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>AUGUST 31, 2011</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor: RONALD J. EIDSON NEW MEXICO 3239 9/19/2011</p> <p>Certificate Number... 12641 Ronald J. Eidson 3239</p> <p>LA JWSC W.O.: 11.11.1833</p>

2000 psi System

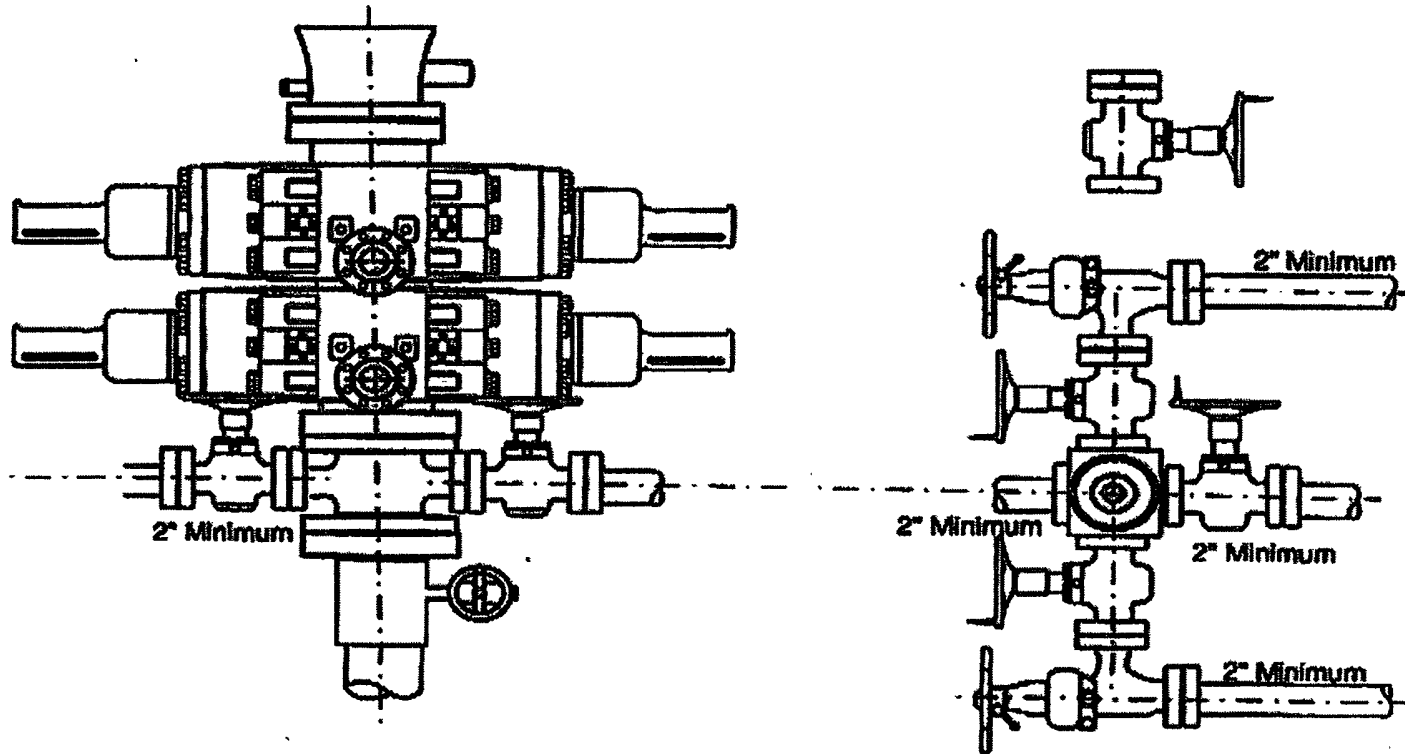
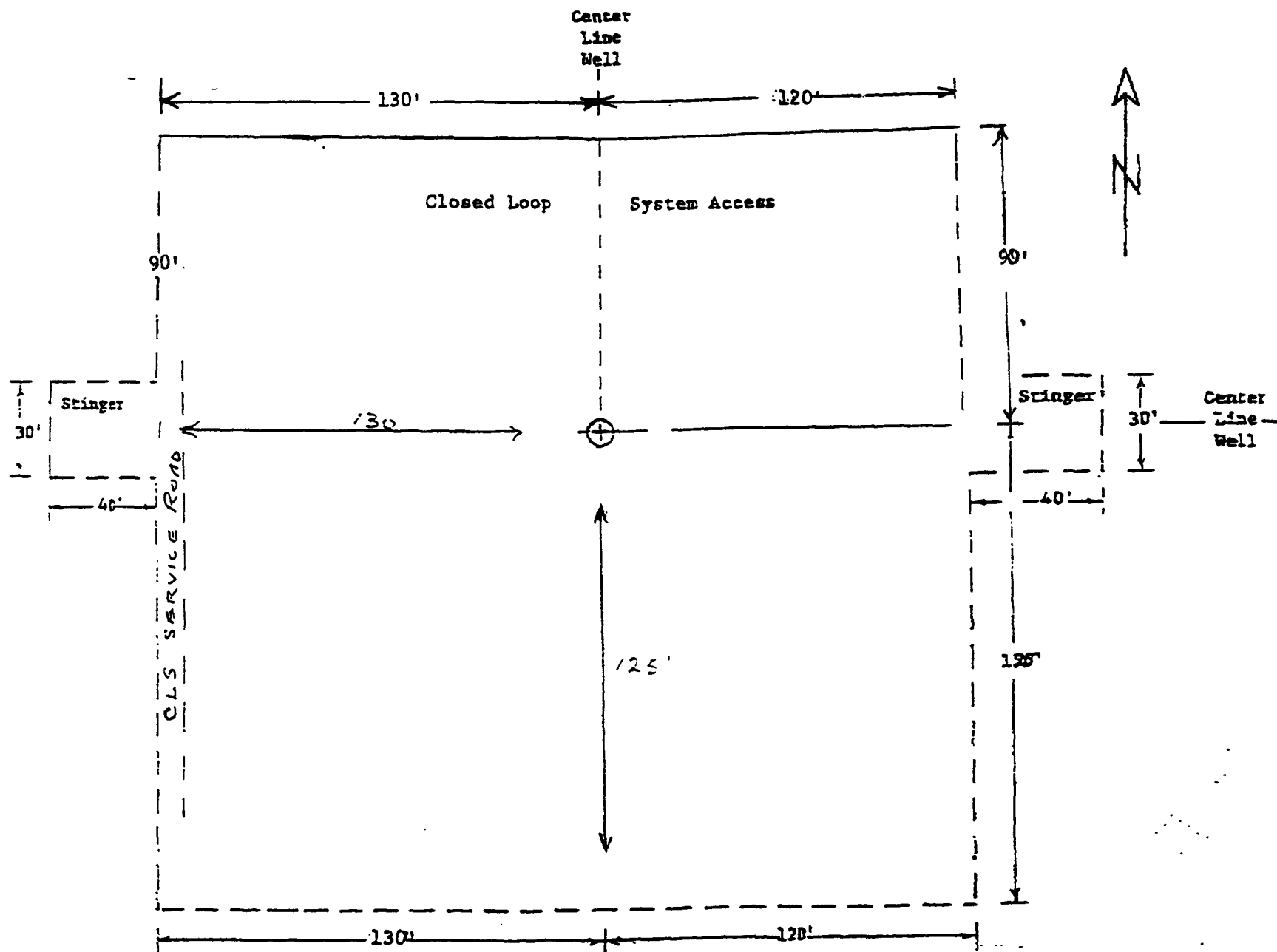


Figure 3-1



UNITED DRILLING, INC.

LOCATION PLAT

RIG

DISTRICT I --- CHECKLIST FOR INTENTS TO DRILL

Operator Lime Rock OGRID # 255333
 Well Name & # K. FISHER B18 G Surface Type (F) (S) (P)
 Location: UL G Sect 18 Township 18S, RNG 27E, Sub-surface Type (F) (S) (P)

A. Date C101 rec'd 11/22/2011 C101 reviewed / /

B. 1. Check mark, Information is OK on Forms:

OGRID , BONDING , PROP CODE , WELL # , SIGNATURE

2. Inactive Well list as of: 11/23/2011 # wells 671, # Inactive wells 5

a. District Grant APD but see number of inactive wells:

No letter required ✓; Sent Letter to Operator , to Santa Fe

3. Additional Bonding as of: 11/23/2011

a. District Denial because operator needs addition bonding:

No Letter required ✓; Sent Letter to Operator , To Santa Fe

b. District Denial because of Inactive well list and Financial Assurance:

No Letter required ✓; Sent Letter to Operator , To Santa Fe

C. C102 YES ✓, NO , Signature

1. Pool Red Lake; Glorieta Y650, Code 963351120

a. Dedicated acreage 40, What Units G

b. SUR. Location Standard ✓; Non-Standard Location

c. Well shares acres: Yes ✓, No , # of wells 5 plus this well # 12

2. 2nd. Operator in same acreage, Yes , No

Agreement Letter , Disagreement letter

3. Intent to Directional Drill Yes , No

a. Dedicated acreage , What Units

b. Bottomhole Location Standard , Non-Standard Bottomhole

4. Downhole Commingle: Yes , No

a. Pool #2 , Code , Acres

Pool #3 , Code , Acres

Pool #4 , Code , Acres

5. POTASH Area Yes , No ✓

D. Blowout Preventer Yes ✓, No

E. H2S Yes , No ✓

F. C144 Pit Registration Yes , No

G. Does APD require Santa Fe Approval:

1. Non-Standard Location: Yes , No , NSL #

2. Non-Standard Proration: Yes , No , NSP #

3. Simultaneous Dedication: Yes , No , SD #

Number of wells Plus #

4. Injection order Yes , No ; PMX # or WFX #

5. SWD order Yes , NO ; SWD #

6. DHC from SF ; DHC-HOB ; Holding

7. OCD Approval Date 11/23/2011

API #30-0 15-39687

8. Reviewers TES

11/23/2011 Left msg. w/ George Smith
 concerning "property name"

KASPER B18 G