

RM

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

Form C-101
June 16, 2008

RECEIVED
OCT 6 2009
NMOCD ARTESIA

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. I. P 1111 Bagby St. Suite 4600 Houston, TX 77002		² OGRID Number 255333
³ Property Code 305446	⁵ Property Name Resler State	⁴ API Number 30 - 15 - 37313
⁹ Proposed Pool 1 Red Lake, Queen, Grayburg SA (51300) GI-Yeso, NE		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no P	Section 25	Township 17-S	Range 27-E	Lot Idn	Feet from the 990	North/South line South	Feet from the 510	East/West line East	County 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
--------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3586'
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date

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#	450'	350 sx "C" + add	Surface
7 7/8"	5 1/2"	14#	3,900'	375 Poz + 375 Lite	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

Lime Rock Resources A. I. P. proposes to drill/test the Yeso formation Approximately 450' will be drilled with fresh water, then set and cement the 8 5/8" surface casing to 450'
Drill 7 7/8" hole to T.D at approximately 3900' Run O/H logs Set 5 1/2" casing to T D and cement will be circulated back to surface. Will perforate the 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 and H2S program.

See Exhibit 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 Lim Rock Resources A. L. P.

E-mail Address
Gr.smith1@hotmail.com

Date
October 5, 2009

Phone
575-623-4940

OIL CONSERVATION DIVISION

Approved by:

Jacqui Brewer
Geologist

Title:

Approval Date:

10/13/2009

Expiration Date:

10/13/2011

Conditions of Approval Attached ☐

State of New Mexico

DISTRICT I

1825 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30015-37313	Pool Code 51300	Pool Name Red Lake; Queen, Grayburg-BA
Property Code 305446	Property Name RESLER STATE	Well Number 3
OGRID No. 255333	Operator Name LIME ROCK RESOURCES A, L.P.	Elevation 3586'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	25	17-S	27-E		990	SOUTH	510	EAST	EDDY

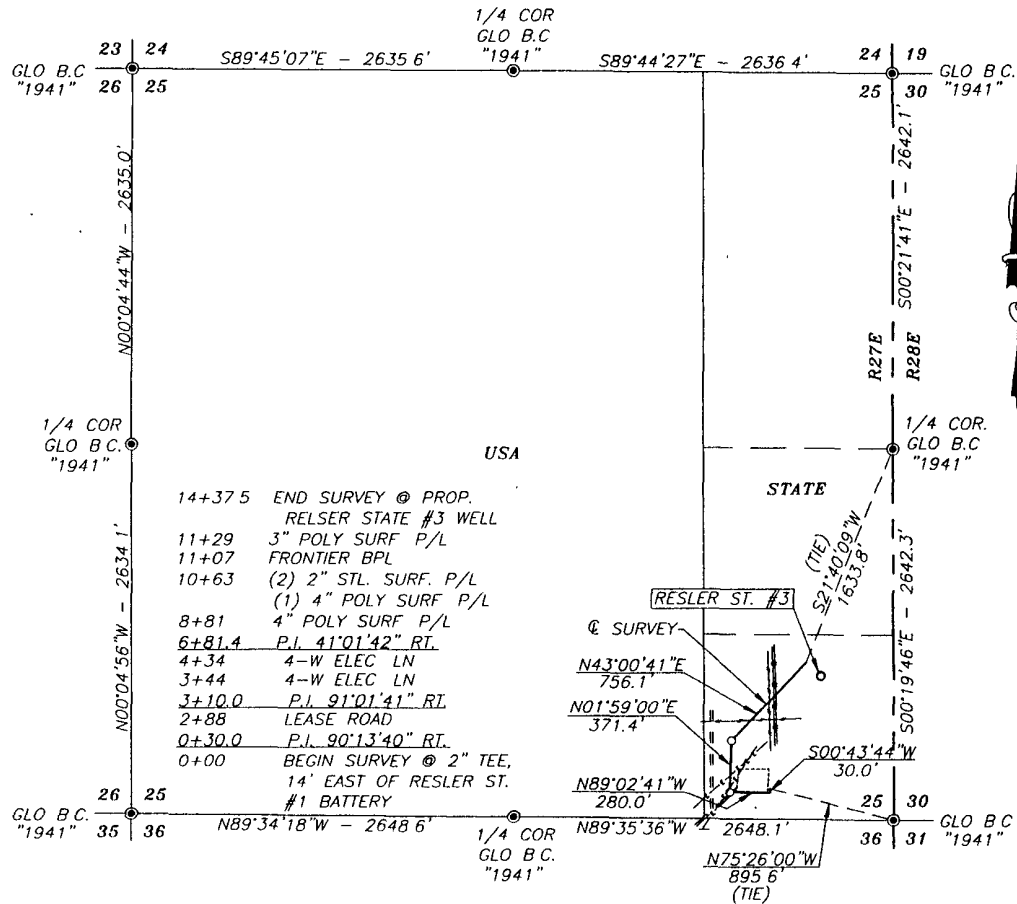
Bottom Hole Location If Different From Surface

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 Y=654913.9 N X=533363.7 E LAT.=32.800401° N LONG.=104.224753° 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> 10/05/09 Signature Date George R. Smith POA agent Printed Name</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><i>Ronald J. Eidson</i> 9-21-09 Date Surveyed Signature Seal of Professional Surveyor 3239</p>
	<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>

SECTION 25, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO



DESCRIPTION

A STRIP OF LAND 300 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 25, TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM, EDDY COUNTY, NEW MEXICO AND BEING 150 FEET RIGHT AND 150 FEET LEFT OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY

BEGINNING AT A POINT IN THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION, WHICH LIES N75°26'00"W 895.6 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION, THEN S00°43'44"W 30.0 FEET; THEN N89°02'41"W 280.0 FEET; THEN N01°59'00"E 371.4 FEET; THEN N43°00'41"E 756.1 FEET TO A POINT IN THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION, WHICH LIES S21°40'09"W 1633.8 FEET FROM THE EAST QUARTER CORNER OF SAID SECTION

SAID STRIP OF LAND BEING 1437.5 FEET OR 87.12 RODS IN LENGTH, CONTAINING 0.990 ACRES MORE OR LESS AND BEING LOCATED ENTIRELY IN THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER.

NOTE: BEARINGS SHOWN HEREON ARE
MERCATOR GRID AND CONFORM TO THE
NEW MEXICO COORDINATE SYSTEM
"NEW MEXICO EAST ZONE" NORTH
AMERICAN DATUM 1983 DISTANCES
ARE SURFACE VALUES.

I HEREBY CERTIFY THAT I DIRECTED AND AM
RESPONSIBLE FOR THIS SURVEY. THAT THIS SURVEY IS
TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE
AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET
THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

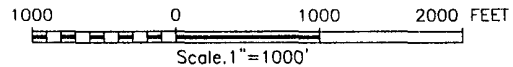
3239

Ronald J. Emerson 8/10/09

RONALD J. EMERSON N.M.P.S. No. 3239

PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY
412 N DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

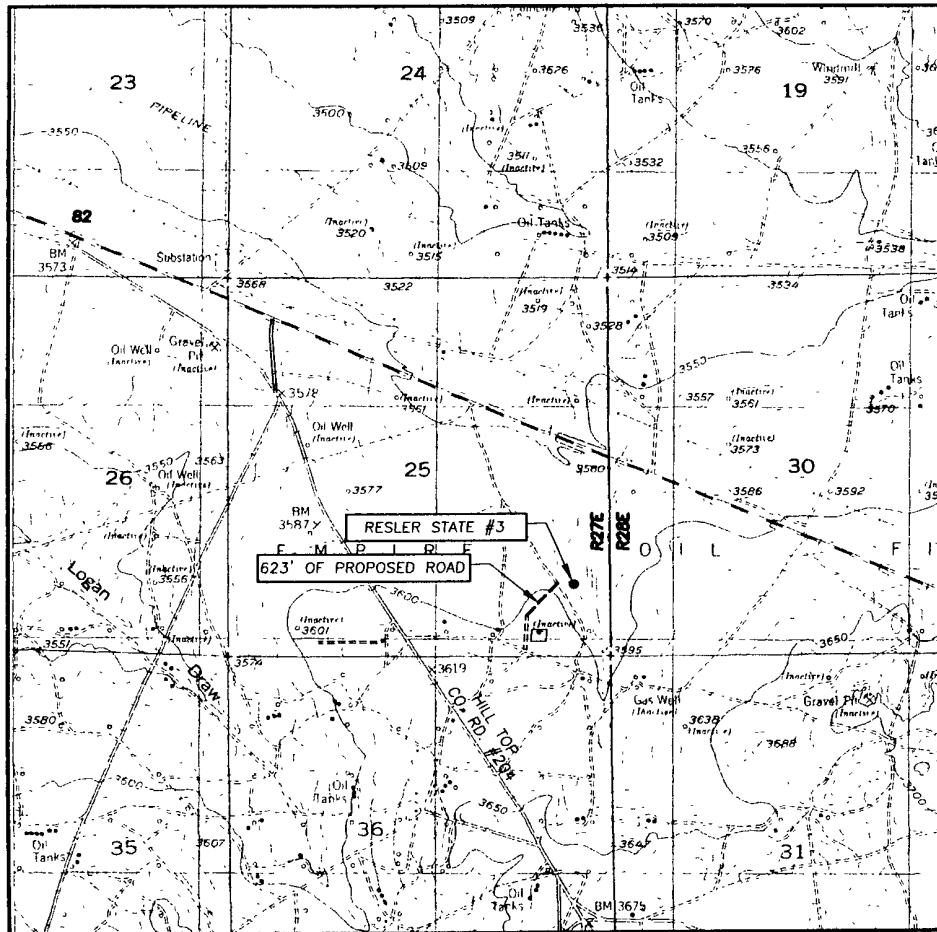


LIME ROCK RESOURCES A, L.P.

SURVEY OF A PIPELINE CROSSING
SECTION 25, TOWNSHIP 17 SOUTH, RANGE 27 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO

Survey Date: 7/29/09	Sheet 1 of 1 Sheets
W.O. Number: 09.11.0667	Drawn By: LA
Date: 8/5/09	09110667

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RED LAKE, N.M. - 10'

SEC. 25 TWP. 17-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY STATE NEW MEXICO

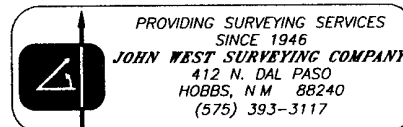
DESCRIPTION 990' FSL & 510' FEL

ELEVATION 3586'

OPERATOR LIME ROCK
RESOURCES A. L.P.

LEASE RESLER STATE

U.S.G.S. TOPOGRAPHIC MAP
RED LAKE, N.M.



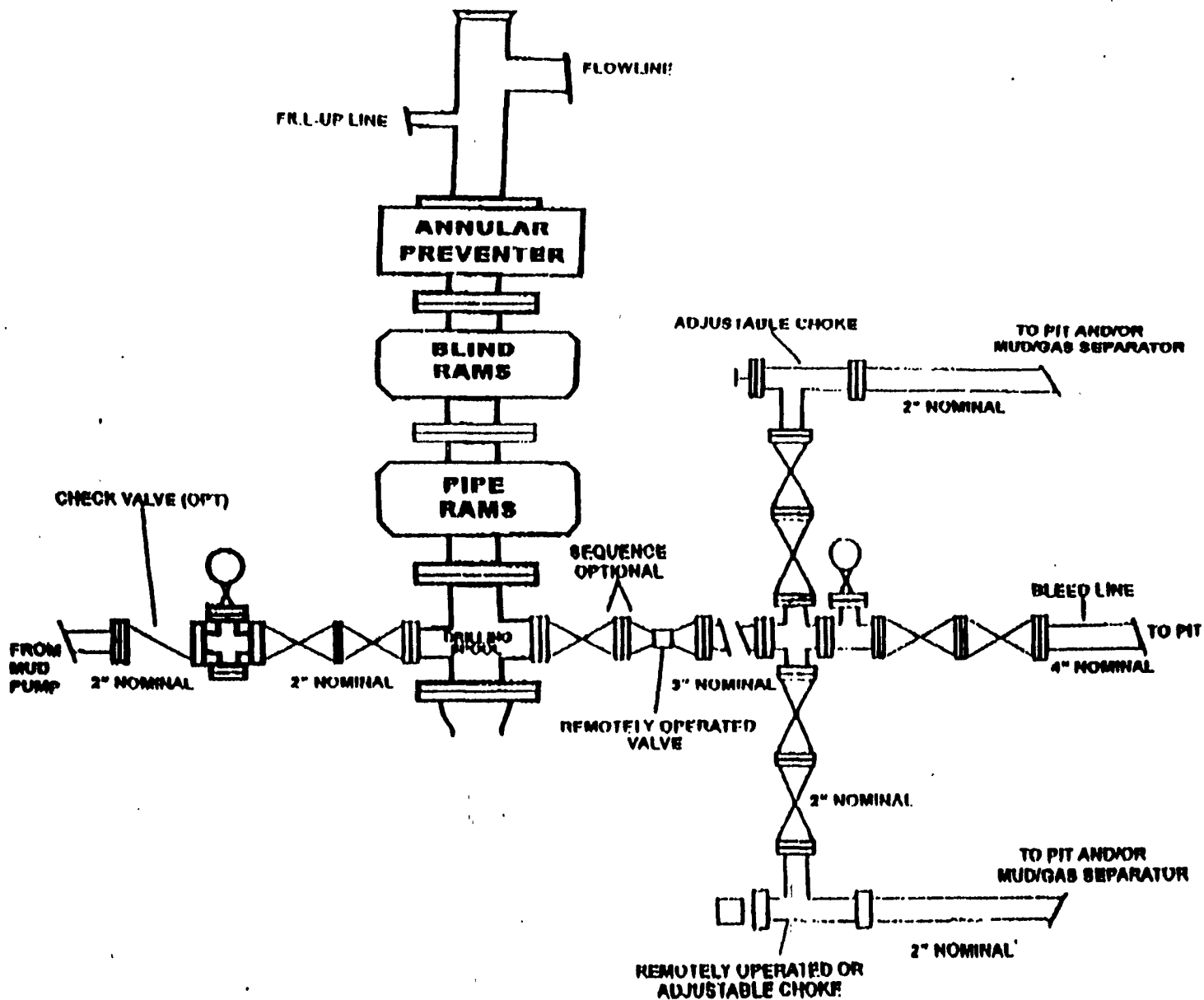
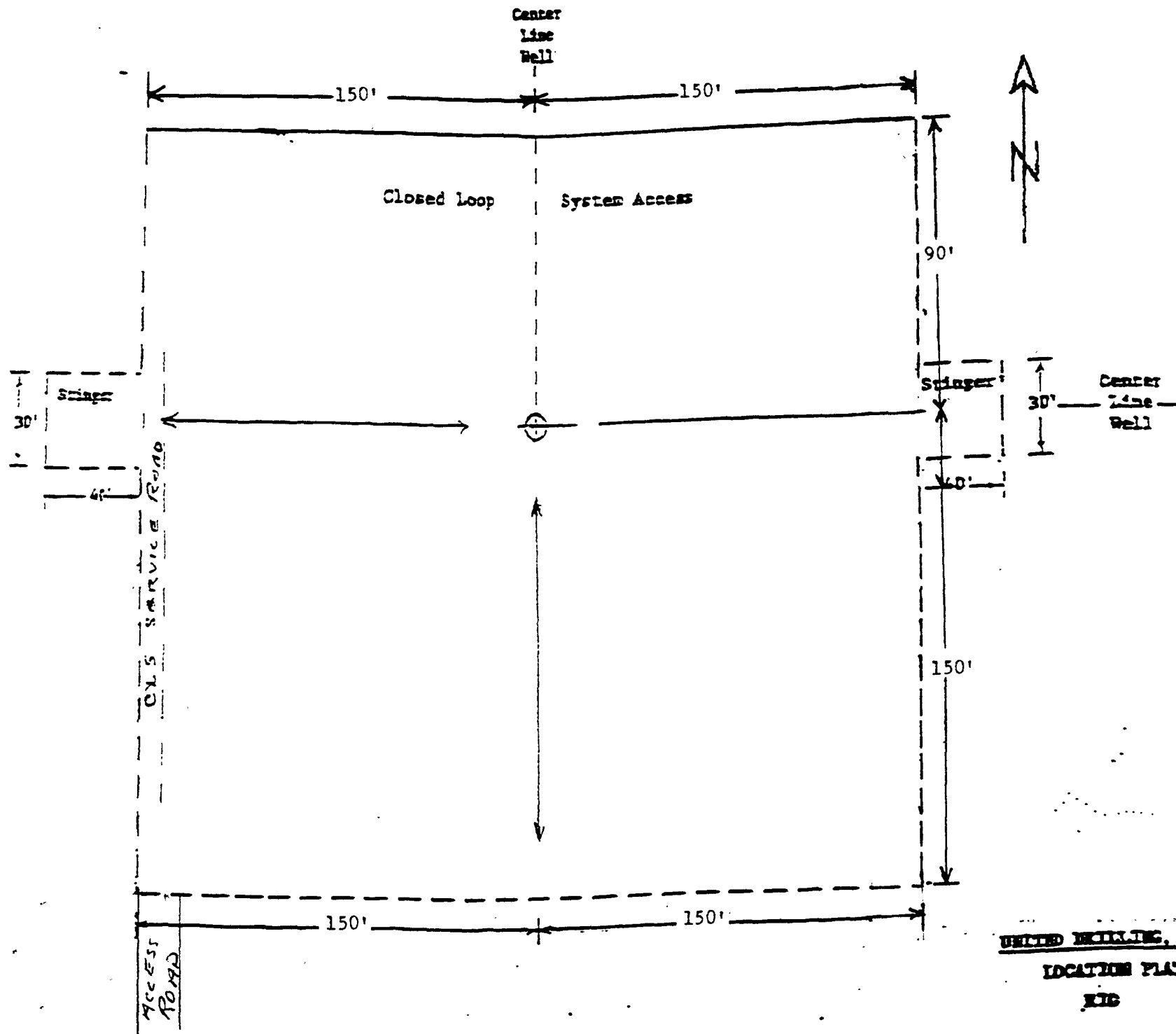
**BOP DIAGRAM
3000# SYSTEM**

EXHIBIT "A"



UNITED DRILLING, INC.
LOCATION PLAT
KIC