

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

Form C-10
June 16, 2007

Submit to appropriate District Office

☐ AMENDED REPORT

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

36188

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 306812 30681	⁵ Property Name Aid 24 State	³ API Number 30-015-38186
⁹ Proposed Pool 1 Empire, Glorieta-Yeso (96210)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	24	17S	28E		1650	South	990	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

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 3684'
¹⁶ Multiple N	¹⁷ Proposed Depth 5,500'	¹⁸ Formation Glorieta-Yeso	¹⁹ Contractor United	²⁰ Spud Date 9/28/10

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#	350'	350 sx "C" + add	Surface
7 7/8"	5 1/2"	17#	5,500'	550 sx 35/65 Poz/C	Lead
				600 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.
Lime Rock Resources A, L P proposes to drill/test the Empire formation. Approximately 350 feet will be drilled with fresh water, then set and cement 8 5/8" surface casing to 350 feet.
Drill 7 7/8" hole to T D at approx 5,500'. Run O/H logs. Set 5 1/2" casing to T D and cement will be circulated back to surface.
Will perforate the Empire 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
9/09/10

Phone
575-623-4940

Ka 9/12/10
OIL CONSERVATION DIVISION

Approved by

Title

Approval Date

Expiration Date

Conditions of Approval Attached ☐

DISTRICT I
1625 N FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV
11885 S ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
11885 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 30-065-38186	Pool Code 96210	Pool Name Empire; Glorieta-Yeso
Property Code 306812 30681	Property Name AID "24" STATE	Well Number 3
OGRID No 255333	Operator Name LIME ROCK RESOURCES A, L.P.	Elevation 3684'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	24	17-S	28-E		1650	SOUTH	990	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/EAST 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=661508.5 N X=564263.0 E LAT.=32 818400" N LONG.=104 124151" W</p>	<p>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.</p> <p><i>George R. Smith</i> 9/9/10 Signature Date George R. Smith, agent Printed Name</p> <p>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.</p> <p>MARCH 19, 2008 Date Surveyed Rev: 7/16/10. DSS Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 07/16/2010 08.11.0124 Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239</p>
--	--

BOP DIAGRAM 3000# SYSTEM

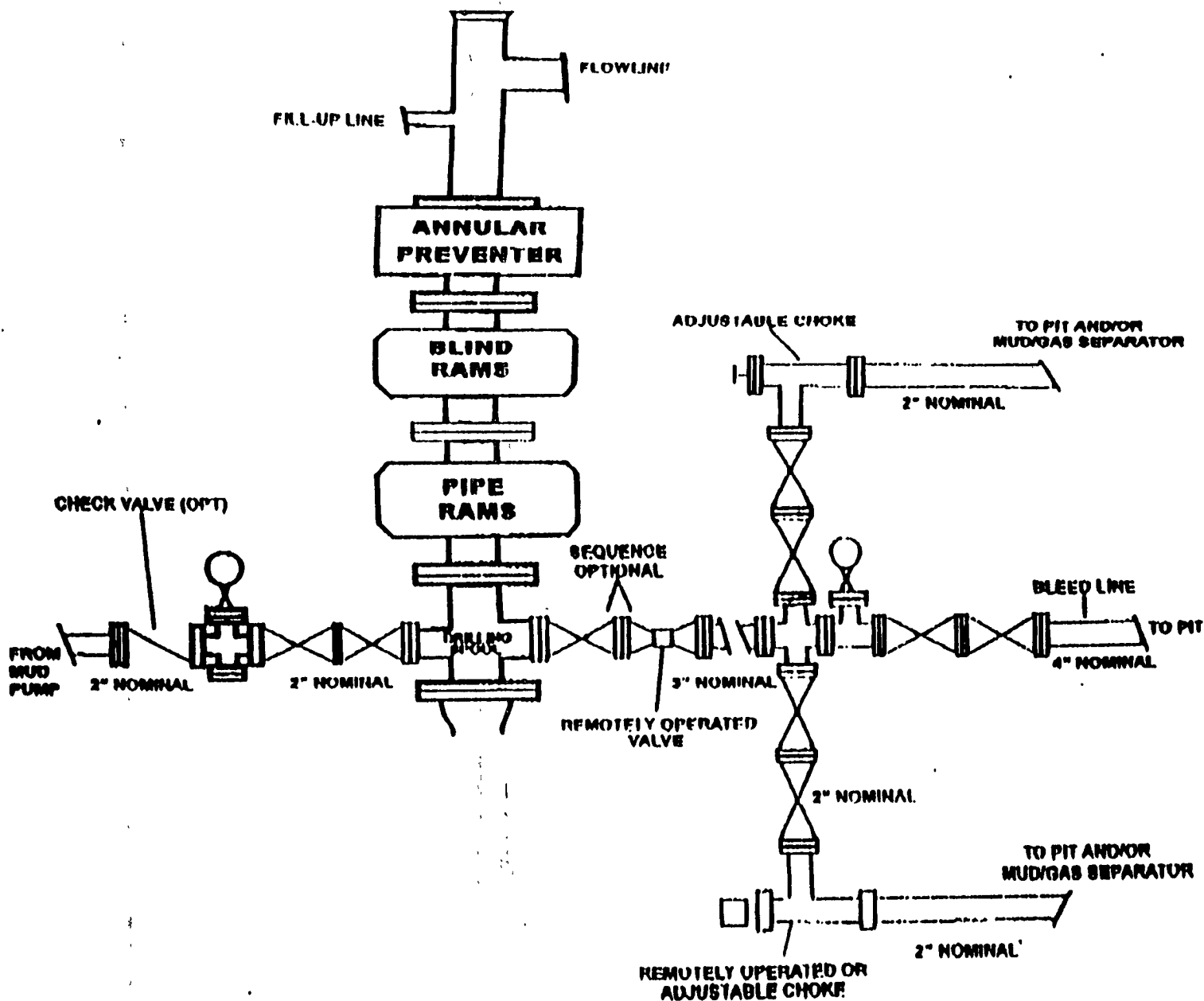


EXHIBIT "A"
LIME ROCK RESOURCES A, L.P.
Aid 24 State, Well No. 3
BOP Specifications

Lime Rock Resources A, L.P., AID 24 STATE, WELL NO. 3
API: 30—Note: Old No. 30-015-36248 will not drilled in that location

Sec. 24, T17S-R28E, 1650' FSL & 990' FEL Eddy Co., NM

DESIGN: Closed Loop System with roll-off steel bins (pits)

CLS/Carlsbad will supply (2) bins () volume, rails and transportation relating to the Close Loop system. Specifications of Close Loop System attached.

Contacts: Tommy Wilson 575-748-6367 Cell Office # 575-885-3996

Closed Loop Specialties: Supervisor: Curtis: 575-706-4605 - Carlsbad Cell

Monitoring 24 hour service

Equipment:

2-Centrifuges (brand): Swaco

2-Rig Shakers (brand): Mongoose

Air pumps on location for immediate remediation process

Layout of Close Loop System with bins, centrifuges and shakers attached.

Cuttings and associated liquids will be hauled to a State regulated third party disposal site: CRI (Controlled Recovery, Inc) Disposal Facility Permit # R-9166

2- CLS Bins with track system

1 500 bbl tank for fresh water

OPERATIONS:

Closed Loop equipment will be inspected daily by each tour and any necessary maintenance performed.

Any leak in system will be repaired and or/contained immediately

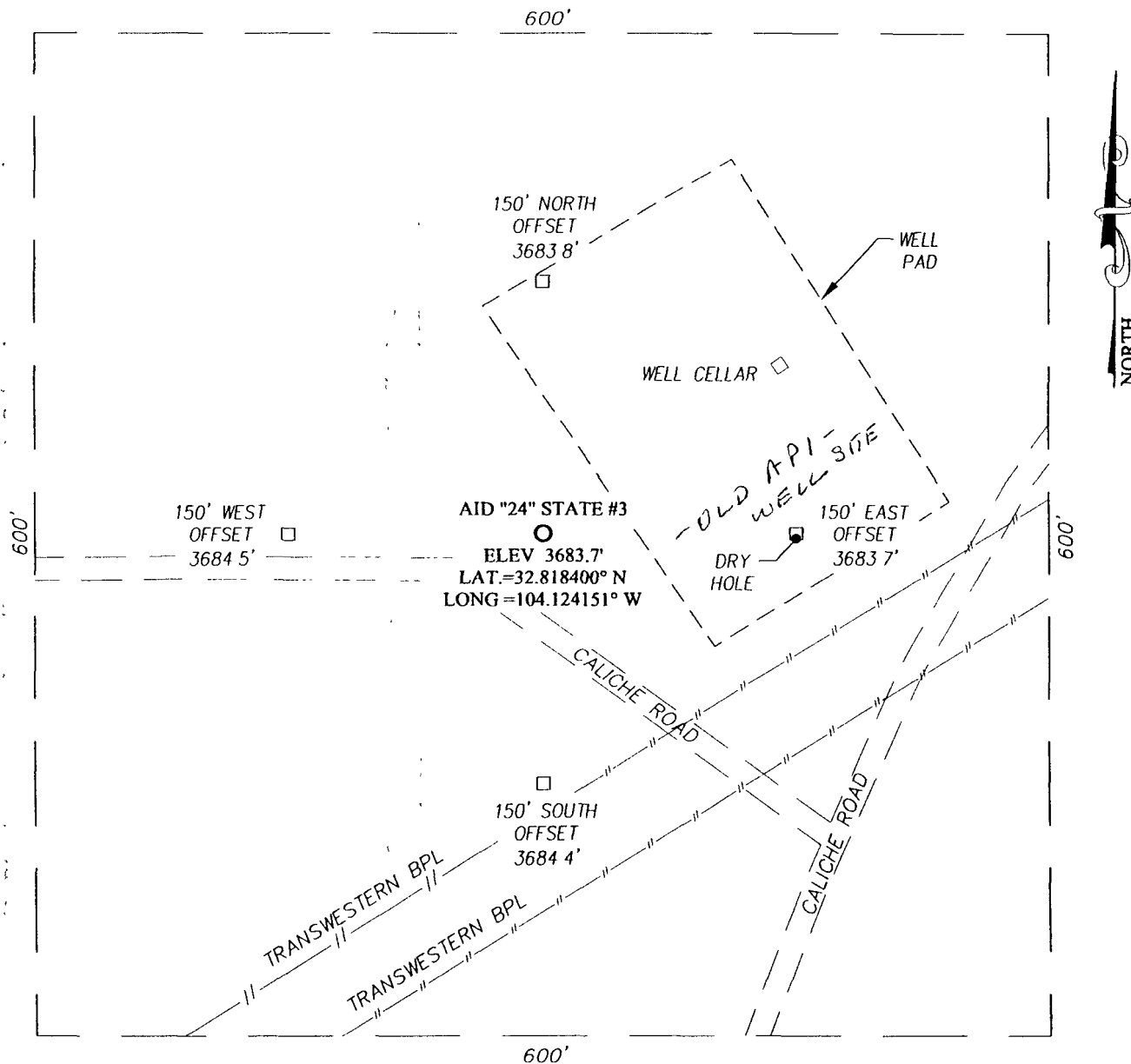
OCD will be notified within 48 hours of the spill.

Remediation process started immediately

CLOSURE:

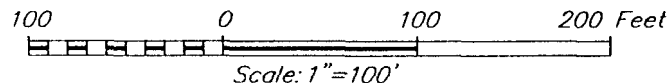
During drilling operations all liquids, drilling fluids and cuttings will be hauled off by CLS (Closed Loop Specialties) to disposal facility, Controlled Recovery, Inc. Permit # R-9166

SECTION 24, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 82 AND COUNTY ROAD 209 (TURKEY TRACK ROAD), GO EAST ON STATE HIGHWAY 82 APPROX 1.6 MILES TURN LEFT ON CALICHE ROAD AND GO NORTH APPROX 0.6 MILES TURN RIGHT AND GO EAST APPROX 0.24 MILES TURN LEFT AND GO NORTH APPROX 0.4 MILES TURN LEFT AND GO NORTHWEST APPROX 200 FEET THIS LOCATION IS APPROX 30 FEET NORTH



LIME ROCK RESOURCES A, L.P.

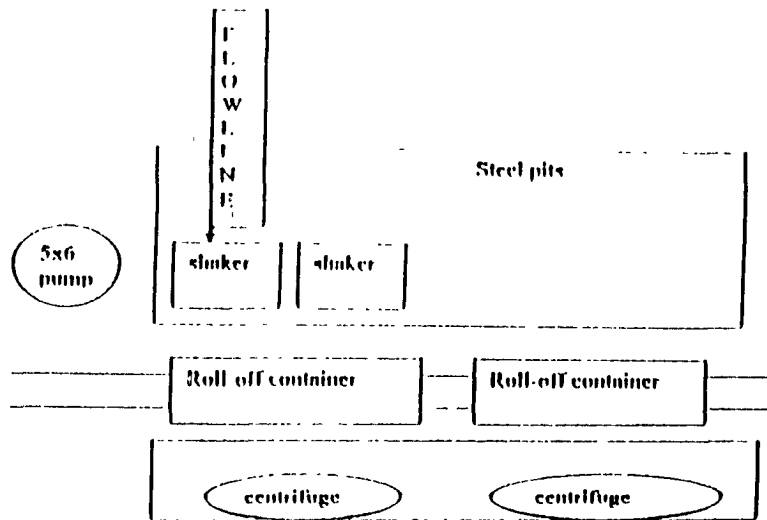
AID "24" STATE #3 WELL
LOCATED 1650 FEET FROM THE SOUTH LINE
AND 990 FEET FROM THE EAST LINE OF SECTION 24,
TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date. 3/19/08	Sheet 1 of 1 Sheets
W O Number. 08 11.0124	Dr By: DSS
Date 3/25/08	Rel W O.
08110124	Scale 1"=100'

PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N DAL PASO
HOBBS, NM 88240
(575) 393-3117



This will be maintained by 24 hour solids control personnel that stay on location.

TOMMY WILSON



**CLOSED LOOP
SPECIALTY**

Office: 978.748.1689

Cell: 978.748.6167

POWER OF ATTORNEY

DESIGNATION OF AGENT

LIME ROCK RESOURCES A, L.P. hereby names the following person as its agent:

Name of Agent: George R. Smith d/b/a/ Energy Administrative Services Company

Agent's Address: P.O. Box 458, Roswell, NM 88202

Agent's Telephone Number: (575) 623-4940

GRANT OF SPECIAL AUTHORITY

LIME ROCK RESOURCES A, L.P. grants its agent the authority to act for it with respect to the following only:

1. Executing forms required to be filed with the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department.
2. Executive forms required to be filed with the Bureau of Land Management of the Department of Interior of the United States of America.

EFFECTIVE DATE

This power of attorney is effective immediately.

RELIANCE ON THIS POWER OF ATTORNEY

Any person, including the agent, may rely upon the validity of this power of attorney or a copy of it unless that person knows it has terminated or is invalid.

SIGNATURE AND ACKNOWLEDGMENT

LIME ROCK RESOURCES A, L.P.

By: 

Name: Charles Adcock

Title: Managing Director - Lime Rock Resources, G.P.

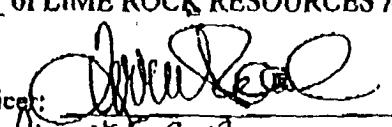
Date: 10/27/2008

Address: 1111 Bagby Street, Suite 4600, Houston, TX 77002

Telephone Number: (713) 292-9512

State of TEXAS
County of HARRIS

This instrument was acknowledged before me on October 27, 2008 by Charles Adcock,
Managing Director of LIME ROCK RESOURCES A, L.P. acting on behalf of said limited
partnership.

Signature of notarial officer: My commission expires: August 5, 2012