

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-37372
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name NO BLUFF STATE COM
8. Well Number #8
9. OGRID Number 255333
10. Pool name or Wildcat: (96836) Red Lake, Glorieta-Yeso NE

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
LIME ROCK RESOURCES A, L.P.

3. Address of Operator
c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401

4. Well Location
Unit Letter D : 600 feet from the NORTH line and 330 feet from the WEST line
Section 36 Township 17-S Range 27-E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3577' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

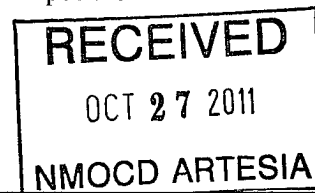
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Payadd Workover ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Lime Rock would like to perform a payadd workover as follows: MIRUSU. TOH w/rods, pump, & tbq. Set 5-1/2" RBP @ ~3480' & PT 5-1/2" csg to ~5000 psi. Perf additional Glorieta/Yeso @ ~3036'-3462' w/~50 holes. Stimulate new perfs with ~7500 gal 15% HCL & frac w/~152,000# 16/30 sand in X-linked gel. CO after frac, drill CBP @ 3480', & CO to ~4581'. Land 2-7/8" 6.5# J-55 tbq @ ~2950'. Run pump & rods & release workover rig. Resume production from the Artesia, Glorieta-Yeso NE pool. See attached wellbore diagram.



Spud Date: 1/18/10

Drilling Rig Release Date: 2/2/10

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE 10/26/11

Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573

For State Use Only

APPROVED BY: T.C. Shepard TITLE Geologist DATE OCT 26 2011

Conditions of Approval (if any):



**LIME ROCK
RESOURCES**

Proposed PayAdd Captial Workover AFE W11081

**No Bluff 36 State COM #8
Sec 36-17S-27E (D)
600' FNL, 330' FWL
Elevation – 3,577' GR
API # 30-015-37372
Eddy County, NM**

GEOLOGY

<u>Zone</u>	<u>Top</u>
Queen	911'
Grayburg	1,317'
Premier	1,620'
San Andres	1,681'
Glorieta	3,036'
Yeso	3,128'

SURVEYS

<u>Degrees</u>	<u>Depth</u>
3/4	445'
1/4	1,009'
1/2	1,515'
1	1,989'
1	2,488'
1	2,999'
3/4	3,500'
1-1/4	4,010'
1-1/2	4,629'

8-5/8", 24#, J-55, ST&C Casing @ 429'. Circ 146 sx to Surface. (1/19/2010)

2-7/8"; 6.5#, J-55 Tubing @ 3401'

Procedure: MIRU pulling unit. Lay out rods and tubing. RU wireline and run gauge ring/junk basket to 3500' MD. Set CBP for 5-1/2", 17# casing at 3480' MD. Test casing to 5000 psi. Perforate Red Lake; Glorieta-Yeso NE Pool as shown below. Acidize the Glorieta-Yeso in an attempt to ball out. Surge the balls sealers off the perforations. Frac the Glorieta – Yeso as shown below at 65 BPM down casing. TIH w/ 3 bladed mill and scraper, mill up CBP @ 3480', then clean out wellbore to 4581' MD. Set mud anchor and pump intake at 2950' MD. Rod up well with 2" pump to move 400 BFPD. Place well back on line.

Proposed Perfs: (1 SPF, 0.42" EHD, 29" Penetration – 50 holes) - 3036', 3038', 3042', 3044', 3048', 3058', 3071', 3073', 3077', 3085', 3089', 3102', 3108', 3114', 3120', 3130', 3156', 3166', 3178', 3186', 3193', 3197', 3216', 3220', 3230', 3238', 3244', 3248', 3251', 3256', 3260', 3267', 3273', 3280', 3285', 3302', 3308', 3321', 3324', 3334', 3339', 3343', 3350', 3359', 3362', 3368', 3372', 3374', 3381', 3398', (2 spf, 0.42" EHD, 20" penetration – 6 holes) 3426', 3430', 3462'

Proposed Stimulation: 7500 gals 15% HCL & 112 ball sealers for ball out break down. Frac with 90,000 gals 20# X-linked gel and 140000 lbs 16/30 Brady sand and 12000 lbs 16/30 Resin coated proppant

Perfs: 3,501' – 3,781' (64 - 0.42" holes) **Frac:** 8774 gal 15% NEFE acid, 130 ball sealers, 80426# 16/30 Ottawa sand & 23,227# Super LC 16/30 sand in 20# X-linked gel.

Perfs: 3,838' – 4,253' (81 - 0.42" holes) **Frac:** 4158 gal 15% NEFE acid, 170 ball sealers, 98768# 16/30 Ottawa sand & 69527# Super LC 16/30 sand in 20# X-linked gel.

Perfs: 4,329' – 4,509' (54 - 0.42" holes) **Frac:** 3000 gal 15% NEFE acid, 110 ball sealers, 57726# 16/30 Ottawa sand & 12490# Super LC 16/30 sand in 20# X-linked gel.

PBTD @ 4581'

5-1/2"; 17#, J-55; ST&C Casing @ 4622'. Circ 164 sx to Surface. (2/2/2010)

TD @ 4,637'