

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.  
30-015-31916

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
WELCH RL STATE

8. Well Number #1

9. OGRID Number 255333

10. Pool name or Wildcat:  
Artesia, Glorieta-Yeso (96830)  
Red Lake, San Andres (97253)

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

RECEIVED

DEC 16 2009

NMOC D ARTESIA

4. Well Location

Unit Letter E : 2310 feet from the NORTH line and 430 feet from the WEST line  
Section 28 Township 17-S Range 28-E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3633' 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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: 1<sup>st</sup> Delivery & Commingle Allocations ☒

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.

This commingled oil well (DHC-4212) was 1<sup>st</sup> delivered on 10/26/09. Its IP Test was conducted on 12/10/09 for 3.0 BOPD & 6.0 MCF/D. The formerly old zone (SA) was tested in February 2009 for 2.0 BOPD & 5.0 MCF/D. Therefore, Lime Rock would like to use the following production allocations: (See the attached calculations).

	Upper Zone (SA)	Lower Zone (Yeso)
OIL:	67%	33%
GAS:	83%	17%

Spud Date: 8/27/01

Drilling Rig Release Date: 9/3/01

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 12/15/09

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

APPROVED BY: Acqui TITLE Geologist DATE 12/22/09  
Conditions of Approval (if any):

LIME ROCK RESOURCES A, L.P.  
WELCH RL STATE #1  
Artesia; Glorieta-Yeso & Red Lake, San Andres  
E Section 28 T17S R28E  
12/15/2009  
API#: 30-015-31916

## Commingle Allocation Calculations

During February 2009, the existing upper zone averaged 2.0 BOPD & 5.0 MCF/D. On 10/25/09, the lower zone was completed and commingled with the existing upper zone as per DHC-4212.

An IP Test was conducted on this commingled well on 12/10/09 for 3.0 BOPD & 6.0 MCF/D.

Total Commingled Production – upper zone production = lower zone production

Oil: 3.0 – 2.0 = 1.0 BOPD

Gas: 6.0 – 5.0 = 1.0 MCF/D

### OIL

Lower Zone (Yeso) = 1.0 BOPD

Total oil = 1.0 + 2.0 = 3 BOPD

% Lower Zone =  $\frac{1.0}{3.0} = 33\%$

Upper Zone (SA) = 2.0 BOPD

% Upper Zone =  $\frac{2.0}{3.0} = 67\%$

### GAS

Lower Zone (Yeso) = 1.0 MCF/D

Total gas = 1.0 + 5.0 = 6.0 MCF/D

% Lower Zone =  $\frac{1.0}{6.0} = 17\%$

Upper Zone (SA) = 5.0 MCF/D

% Upper Zone =  $\frac{5.0}{6.0} = 83\%$