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

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

Form C-103
June 19, 2008

WELL API NO.
30-015-40860

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
**STIRLING 7 F**

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

8. Well Number **#8**

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

9. OGRID Number 277558

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

10. Pool name or Wildcat
Red Lake, Glorieta-Yeso (51120)
Red Lake, Queen-Grayburg-San Andres (51300)

4. Well Location
Unit Letter F : 2305 feet from the NORTH line and 2280 feet from the WEST line
Section 7 Township 18-S Range 27-E NMPM Eddy County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3290' GL

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

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☐ | REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ | COMMENCE DRILLING OPNS. | ☐ | P AND A | ☐ |
| PULL OR ALTER CASING | ☐ | MULTIPLE COMPL | ☐ | CASING/CEMENT JOB | ☐ | | |
| DOWNHOLE COMMINGLE | ☐ | | | | | | |
| CLOSED-LOOP SYSTEM | ☒ | | | | | | |
| OTHER: | ☐ | | | OTHER: DHC 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.

On January 11, 2013, the (lower zone) Red Lake, Glorieta-Yeso (51120) was completed as a new well. On June 2, 2016, this well was recompleted into the upper zone, Red Lake, Queen-Grayburg-San Andres (51300) and produced as a single SA well. The last Yeso production test on 12/12/15 before the recompletion was 5 BOPD, 100 MCF/D, & 53 BWPD. The most recent San Andres test on 3/8/19 was 4 BOPD, 50 MCF/D, & 20 BWPD. We therefore believe the following production allocations to be accurate:

| | OIL | GAS | WATER |
|---|---|---|---|
| Yeso (lower zone) | 56% | 67% | 73% |
| San Andres (upper zone) | 44% | 33% | 27% |

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DISTRICT II-ARTESIA O.C.D.

We plan to drill the CBP @ 2480' & DHC as per order DHC-4786.

Bottom Hole Location is 2313' FNL & 2254' FWL Sec.7, T18S R27E
Spud Date: 12/11/12 Drilling Rig Release Date: 12/18/12

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 7/29/19
Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573

**For State Use Only**

APPROVED BY: Raymond W. Bodany TITLE Geologist DATE 8-7-19
Conditions of Approval (if any):

LIME ROCK RESOURCES II-A, L.P.
**STIRLING 7 F #8**
Red Lake; Glorieta-Yeso (51120)
Red Lake, Queen-Grayburg-San Andres (51300)
F Section, 7 T18S R278E
7/29/2019
API#: 30-015-40860

# Commingle Allocation Calculations

On January 11, 2013, the (lower zone) Red Lake, Glorieta-Yeso (51120) was completed as a new well. On June 2, 2016, this well was recompleted into the upper zone, Red Lake, Queen-Grayburg-San Andres (51300) and produced as a single SA well. The last Yeso production test on 12/12/15 before the recompletion was 5 BOPD, 100 MCF/D, & 53 BWPD. The most recent San Andres test on 3/8/19 was 4 BOPD, 50 MCF/D, & 20 BWPD.

| | Upper Zone (SA) | + | Lower Zone (YESO) | | Total |
|---|---|---|---|---|---|
| Total Oil (bbls/d) | 4 | + | 5 | = | 9 |
| Total Gas (mcf/d) | 50 | + | 100 | = | 150 |
| Total Water (bbls/d) | 20 | + | 53 | = | 73 |

## OIL

Upper Zone (SA) = 4 BOPD
Total oil = 9 BOPD
**% Upper Zone** = 4 / 9 = **44%**

Lower Zone (Yeso) = 5 BOPD
**% Lower Zone** = 5 / 9 = **56%**

## GAS

Upper Zone (SA) = 50 MCF/D
Total gas = 150 MCF/D
**% Upper Zone** = 50 / 150 = **33%**

Lower Zone (Yeso) = 100 MCF/D
**% Lower Zone** = 100 / 150 = **67%**

## WATER

Upper Zone (SA) = 20 BWPD
Total gas = 73 BWPD
**% Upper Zone** = 20 / 73 = **27%**

Lower Zone (Yeso) = 53 BWPD
**% Lower Zone** = 53 / 73 = **73%**