

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM 971221a. Type of Well ☒ Oil Well ☐ Gas ☐ Dry ☐ Other
b. Type of Completion: ☐ New ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other: Payadd Workover

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator

LIME ROCK RESOURCES A, L.P. c/o Mike Pippin LLC (Agent)

8. Lease Name and Well No.

CHALK FEDERAL #1

3. Address

3104. N. Sullivan, Farmington, NM 87401

3a. Phone No. (include area code)

505-327-4573

9. API Well No.

30-015-29567

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface

2260' FSL & 1650' FWL Unit (K) Sec. 5, T18S, R27E

10. Field and Pool, or Exploratory

Red Lake, Queen-Grayburg-San Andres

At top prod. interval reported below

11. Sec., T., R., M., or Block and

Survey or Area K 5 18 27

At total depth

14. Date Spudded

06/20/97

15. Date T.D. Reached

06/26/97

16. Date Completed

☐ P & A ☒ Ready to Prod.

WO: 6/30/10

17. Elevations (DF, RKB, RT, GL)*

3491' GL

18. Total Depth: MD

2300'

TVD

19. Plug Back T.D.: MD

1401'

TVD

20. Depth Bridge Plug Set: MD

1436'

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR & CCL; DL/GR

22. Was well cored? ☒ No ☐ Yes (Submit copy)Was DST run? ☒ No ☐ Yes (Submit copy)Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sls. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12-1/4" | 8-5/8" | 24# | 0' | 1158' | | 700, C | | Surface | 0' |
| 7-7/8" | 5-1/2" | 14# | 0' | 2299' | | 150, 35/65 | | | |
| | | | | | | 250, C | | Surface | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Set (MD) |
|------|----------------|-------------------|------|----------------|-------------------|------|----------------|-----------------|
| NONE | | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|---------------|-----|--------|-----------------------|-------|-----------|--------------------|
| A) San Andres | | | 1314'-32' | 0.49" | 55 | Open |
| | | | Existing: 2002'-2152' | | 22 | Below CIBP @ 1436' |
| | | | Existing: 1827'-1921' | | 19 | Below CIBP @ 1436' |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and type of Material |
|----------------|---|
| 1314'-32' | 958 gal 15% NEFE acid & fraced w/1980# sand. (Frac screened out when sand hit perms.) |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | Soon | | → | | | | | | Pumping |
| Choke Size | Tbg. Press. Flwg. PSI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |
| | | | → | | | | | | Shut-in |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |
| | | | → | | | | | | |

(See instructions and spaces for additional data on reverse side)



28b. Production - Interval C

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |
| | | | → | | | | | | |

28c. Production - Interval D

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | |
| | | | → | | | | | | |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vent

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top Meas Depth |
|------------|-------|--------|------------------------------|---------------------------------|-----------------------|
| San Andres | 1332' | | Oil & Gas | Queen Grayburg San Andres | 473' 943' 1332' |

32. Additional remarks (include plugging procedure):

CHALK FEDERAL #1 -- Payadd Workover

33. Circle enclosed attachments.

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis | 7. Other: | |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Mike Pippin 505-327-4573 Title Petroleum Engineer (Agent)

Signature  Date July 13, 2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.