

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
Artesia AUG 29 2017

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

| | | | | | |
|--|--|--|--|--|--|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | | 5. Lease Serial No. NMLC061783A | | |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____ | | | 6. If Indian, Allottee or Tribe Name | | |
| 2. Name of Operator LIME ROCK RESOURCES II A LP E-Mail: MIKE@PIPPINLLC.COM Contact: MIKE PIPPIN | | | 7. Unit or CA Agreement Name and No. | | |
| 3. Address 1111 BAGBY STREET SUITE 4600 HOUSTON, TX 77002 | | | 8. Lease Name and Well No. WINDFOHR 4J FEDERAL 9 | | |
| 3a. Phone No. (include area code) Ph: 505-327-4573 | | | 9. API Well No. 30-015-42550-00-S1 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSE 2190FSL 1650FEL 32.755458 N Lat, 104.279785 W Lon At top prod interval reported below NWSE 2190FSL 1650FEL 32.755458 N Lat, 104.279785 W Lon At total depth NWSE 2190FSL 1650FEL 32.755458 N Lat, 104.279785 W Lon | | | 10. Field and Pool, or Exploratory RED LAKE-GLORIETA-YESO | | |
| 14. Date Spudded 02/15/2017 | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 4 T18S R27E Mer NMP | | |
| 15. Date T.D. Reached 02/21/2017 | | | 12. County or Parish EDDY | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/25/2017 | | | 13. State NM | | |
| 17. Elevations (DF, KB, RT, GL)* 3581 GL | | | 18. Total Depth: MD 4715 TVD 4715 | | |
| 19. Plug Back T.D.: MD 4707 TVD 4707 | | | 20. Depth Bridge Plug Set: MD TVD | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) INDUCTION&NEUTR DENSITY | | | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) | | |

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12.250 | 8.625 J-55 | 24.0 | 0 | 437 | | 375 | 90 | 0 | 0 |
| 7.875 | 5.500 J-55 | 17.0 | 0 | 4708 | | 900 | 248 | 0 | 0 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 3.500 | 3330 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|------|--------|---------------------|-------|-----------|--------------|
| A) GLORIETA YESO | 3020 | 4653 | 3020 TO 3361 | 0.400 | 34 | OPEN |
| B) | | | 3483 TO 3851 | 0.400 | 37 | OPEN |
| C) | | | 3930 TO 4231 | 0.400 | 32 | OPEN |
| D) | | | 4350 TO 4653 | 0.400 | 32 | OPEN |

26. Perforation Record

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 3020 TO 3361 | 1500 GAL 15% HCL & FRACED W/29,303# 100 MESH & 334,258# 30/50 SAND IN SLICK WATER |
| 3483 TO 3851 | 1500 GAL 15% HCL & FRACED W/30,203# 100 MESH & 363,758# 30/50 SAND IN SLICK WATER |
| 3930 TO 4231 | 1500 GAL 15% HCL & FRACED W/30,364# 100 MESH & 292,132# 30/50 SAND IN SLICK WATER |
| 4350 TO 4653 | 1500 GAL 15% HCL & FRACED W/30,350# 100 MESH & 297,572# 30/50 OTTAWA SAND IN SLICK WATER |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 03/25/2017 | 04/03/2017 | 24 | → | 133.0 | 150.0 | 916.0 | | | ELECTRIC PUMP SUB-SURFACE |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | 133 | 150 | 916 | 1128 | POW | |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---|
| | | | → | | | | | | ACCEPTED FOR RECORD |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | | | | | | DAVID R. GLASS AUG 08 2017 |

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

ELECTRONIC SUBMISSION #372202 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

DAVID R. GLASS
PETROLEUM ENGINEER

RECLAMATION DUE:
SEP 25 2017

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.)
SOLD

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 |
| GLORIETA | 2893 | 2984 | OIL & GAS | QUEEN | 859 |
| YESO | 2984 | 4459 | OIL & GAS | GRAYBURG | 1277 |
| GLORIETA YESO | 3020 | 4653 | OIL/GAS/WATER | SAN ANDRES | 1509 |
| TUBB | 4459 | 4715 | OIL & GAS | GLORIETA | 2893 |
| | | | | YESO | 2934 |
| | | | | TUBB | 4459 |

32. Additional remarks (include plugging procedure):
THIS IS FOR A NEW YESO OIL WELL.

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
- 6. Core Analysis
- 7 Other:

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

**Electronic Submission #372202 Verified by the BLM Well Information System.
For LIME ROCK RESOURCES II A LP, sent to the Carlsbad
Committed to AFMS for processing by DUNCAN WHITLOCK on 04/06/2017 (17DW0049SE)**

Name (please print) MIKE PIPPIN Title PETROLEUM ENGINEER

Signature (Electronic Submission) Date 04/05/2017

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****