

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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-105**  
July 17, 2008

1. WELL API NO.  
**30-015-42367**  
2. Type of Lease  
 STATE  FEE  FED/INDIAN  
3. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  
 **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)  
 **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name  
**WELCH RL STATE**  
6. Well Number: **#20**  
**NM OIL CONSERVATION**  
ARTESIA DISTRICT

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator: **LRE OPERATING, LLC** 9. OGRID: 281994 **DEC 10 2014**

10. Address of Operator: c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401 11. Pool name or Wildcat: Artesia, Glorieta Yeso (96830) **RECEIVED**

| 12. Location | Unit Ltr | Section | Township | Range | Lot | Feet from the | N/S Line | Feet from the | E/W Line | County |
|--------------|----------|---------|----------|-------|-----|---------------|----------|---------------|----------|--------|
| Surface:     | E        | 28      | 17-S     | 28-E  |     | 1650          | North    | 420           | West     | Eddy   |
| BH:          |          |         |          |       |     |               |          |               |          |        |

|   |                                       |  |   |  |
|---|---------------------------------------|--|---|--|
| 13. Date Spudded<br>11/16/14              | 14. Date T.D. Reached<br>11/19/14     | 15. Date Drilling Rig Released<br>11/20/14 | 16. Date Completed (Ready to Produce)<br>12/9/14            | 17. Elevations (DF and RKB, RT, GR, etc.):<br>3623' GR |
| 18. Total Measured Depth of Well<br>3650' | 19. Plug Back Measured Depth<br>3558' | 20. Was Directional Survey Made?<br>Yes    | 21. Type Electric and Other Logs Run<br>Casing Hole Neutron |  |

22. Producing Interval(s), of this completion - Top, Bottom, Name  
3426'-3510'- Yeso

**23. CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD                 | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|----------------------------------|---------------|
| 8-5/8"      | 24# J-55       | 479'      | 11"       | 300 sx CI C                      | 0'            |
| 5-1/2"      | 17# J-55       | 3639'     | 7-7/8"    | 300 sx 35/65 Poz/C<br>+ 375 sx C | 0'            |

| 24. LINER RECORD |     |        |              | 25. TUBING RECORD |        |           |
|------------------|-----|--------|--------------|-------------------|--------|-----------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET |
|                  |     |        |              |                   | 2-7/8" | 3239'     |

26. Perforation record (interval, size, and number)  
Yeso: 3426'-3510', 29-0.41" holes

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |  |
|---|--|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED  |
| 3426'-3510'                                     | 1500 gals 15% HCL; fraced w/30,173# 100 mesh & 253,302# 40/70 Arizona sand in slick water. |

**28. PRODUCTION**

|                                |  |   |                         |           |              |                             |                 |
|--------------------------------|--|---|-------------------------|-----------|--------------|-----------------------------|-----------------|
| Date First Production<br>READY | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping | Well Status (Prod. or Shut-in)<br>Pumping |                         |           |              |                             |                 |
| Date of Test Within 30 days    | Hours Tested   | Choke Size                                | Prod'n For Test Period: | Oil - Bbl | Gas - MCF    | Water - Bbl.                | Gas - Oil Ratio |
| Flow Tubing Press.             | Casing Pressure  | Calculated 24-Hour Rate                   | Oil - Bbl.              | Gas - MCF | Water - Bbl. | Oil Gravity - API - (Corr.) |                 |

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

30. Test Witnessed By:  
Jerry Smith

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude Longitude NAD 1927 1983

*I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief*

Signature  Printed Name **Mike Pippin** Title: **Petroleum Engineer** Date: **12/9/14**

E-mail Address: **mike@pippinllc.com** 

# INSTRUCTIONS

## WELCH RL STATE #20 -- New Well

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico |                  | Northwestern New Mexico |                  |
|-------------------------|------------------|-------------------------|------------------|
| T. Anhy                 | T. Canyon        | T. Ojo Alamo            | T. Penn A"       |
| T. Salt                 | T. Strawn        | T. Kirtland             | T. Penn. "B"     |
| B. Salt                 | T. Atoka         | T. Fruitland            | T. Penn. "C"     |
| T. Yates                | T. Miss          | T. Pictured Cliffs      | T. Penn. "D"     |
| T. 7 Rivers 615'        | T. Devonian      | T. Cliff House          | T. Leadville     |
| T. Queen 1181'          | T. Silurian      | T. Menefee              | T. Madison       |
| T. Grayburg 1603'       | T. Montoya       | T. Point Lookout        | T. Elbert        |
| T. San Andres 1910'     | T. Simpson       | T. Mancos               | T. McCracken     |
| T. Glorieta 3288'       | T. McKee         | T. Gallup               | T. Ignacio Otzte |
| T. Yeso 3398'           | T. Ellenburger   | Base Greenhorn          | T. Granite       |
| T. Blinebry             | T. Gr. Wash      | T. Dakota               |                  |
| T. Tubb                 | T. Delaware Sand | T. Morrison             |                  |
| T. Drinkard             | T. Bone Springs  | T. Todilto              |                  |
| T. Abo                  | T.               | T. Entrada              |                  |
| T. Wolfcamp             | T.               | T. Wingate              |                  |
| T. Penn                 | T.               | T. Chinle               |                  |
| T. Cisco (Bough C)      | T.               | T. Permian              |                  |

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....  
 No. 2, from.....to..... No. 4, from.....to.....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness In Feet | Lithology   | From | To | Thickness In Feet | Lithology |
|------|----|-------------------|-------------|------|----|-------------------|-----------|
|      |    |                   | - On File - |      |    |                   |           |