

**NM OIL CONSERVATION**

ARTESIA DISTRICT  
OCD Artesia  
FEB 23 2015

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM61358

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **YATES PETROLEUM CORPORATION** Contact: LAURA WATTS  
Mail: laura@yatespetroleum.com

8. Lease Name and Well No.  
WOLF AJA FEDERAL COM 21H

3. Address 105 SOUTH FOURTH STREET  
ARTESIA, NM 88210

3a. Phone No. (include area code)  
Ph: 575-748-4272

9. API Well No.  
30-015-42239

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 36 T21S R31E Mer  
At surface NWSW 1480FSL 650FWL  
Sec 36 T21S R31E Mer  
At top prod interval reported below NWSW 1480FSL 650FWL  
Sec 25 T21S R31E Mer  
At total depth NWNW 219FNL 398FWL

10. Field and Pool, or Exploratory  
LOST TANK; DELAWARE

11. Sec., T., R., M., or Block and Survey  
or Area Sec 36 T21S R31E Mer

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
06/25/2014

15. Date T.D. Reached  
08/04/2014

16. Date Completed  
 D & A  Ready to Prod.  
12/19/2014

17. Elevations (DF, KB, RT, GL)\*  
3556 GL

18. Total Depth: MD 16745  
TVD 8074

19. Plug Back T.D.: MD 16690  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
RADIAL BOND/GAMMA RAY/CCL LOG

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 30.000    | 20.000      |             | 0        | 60          |                      | 203                         |                   | 0           |               |
| 17.500    | 13.375 J-55 | 48.0        | 0        | 712         |                      | 560                         |                   | 0           |               |
| 12.250    | 9.625 J-55  | 36.0        | 0        | 4405        |                      | 1110                        |                   | 0           |               |
| 8.500     | 5.500 P-110 | 17.0        | 0        | 16745       |                      | 2820                        |                   | 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) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 7526           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation   | Top  | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|------|--------|---------------------|------|-----------|--------------|
| A) DELAWARE | 8573 | 16632  | 8573 TO 16632       |      | 792       | PRODUCING    |
| B)          |      |        |                     |      |           |              |
| C)          |      |        |                     |      |           |              |
| D)          |      |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 8573 TO 16632  | ACIDIZED WITH A TOTAL OF 107,500 GALLONS 7.5 PERCENT NEFE ACID, FRAC WITH A TOTAL OF 6,573,169 LBS |
| 8573 TO 16632  | 16/30 RCS, 20/40 WHITE SAND AND 50/40 JORDAN SAND  |

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         |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|---------------------------|
| 12/20/2014          | 12/21/2014           | 24           | →               | 86.0    | 143.0   | 617.0     |                       |             | 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 |                           |
| NA                  |                      |              | →               | 86      | 143     | 617       |                       | POW         |                           |

**ACCEPTED FOR RECORD**  
FEB 12 2015  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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)

ELECTRONIC SUBMISSION #286371 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

Reclamation

Due: 6/21/15

*[Handwritten Signature]*

28b. Production - Interval C

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

28c. Production - Interval D

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | 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 |
| RUSTLER       | 570  | 879    |                              | RUSTLER       | 570         |
| TOP OF SALT   | 880  | 4048   |                              | TOP OF SALT   | 880         |
| BASE OF SALT  | 4049 | 4368   |                              | BASE OF SALT  | 4049        |
| LAMAR         | 4369 | 4424   |                              | LAMAR         | 4369        |
| BELL CANYON   | 4425 | 5322   |                              | BELL CANYON   | 4425        |
| CHERRY CANYON | 5323 | 7152   |                              | CHERRY CANYON | 5323        |
| BRUSHY CANYON | 7153 | 16745  |                              | BRUSHY CANYON | 7153        |

32. Additional remarks (include plugging procedure):

2 sets of logs mailed to BLM-Carlsbad, one set mailed NMOCD-Artesia on 12/30/14.

Surveys attached

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 #286371 Verified by the BLM Well Information System:  
For YATES PETROLEUM CORPORATION, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH HAM on 01/30/2015 ()**

Name (please print) LAURA WATTS

Title REG REPORTING TECHNICIAN

Signature (Electronic Submission)

Date 12/29/2014

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***