

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 7 2015
OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.
NMLC029426B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NM 134086

8. Lease Name and Well No.
CROW FEDERAL 41H

9. API Well No.
30-015-42763

10. Field and Pool, or Exploratory
FREN:GLORIETA-YESO

11. Sec., T., R., M., or Block and Survey
or Area Sec 3 T17S R31E Mer

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT; GL)*
3940 GL

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator
APACHE CORPORATION

Contact: EMILY FOLLIS
E-Mail: Emily.follis@apachecorp.com

3. Address 303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 432-818-1801

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 3 T17S R31E Mer
NWSW 2233FSL 10FWL

At top prod interval reported below
Sec 3 T17S R31E Mer

At total depth NESE 2238FSL 353FEL

14. Date Spudded
02/25/2015

15. Date T.D. Reached
03/11/2015

16. Date Completed
 D & A Ready to Prod.
03/12/2015

18. Total Depth: MD 9966
TVD

19. Plug Back T.D.: MD 9966
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNGR/SBGR/PHOENIX

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 |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 H40 | 48.0 | 0 | 652 | | 710 | | 0 | |
| 12.250 | 9.625 J55 | 40.0 | 0 | 3500 | | 1410 | | 0 | |
| 7.875 | 7.000 L80 | 29.0 | 0 | 4765 | | 600 | | 0 | |
| 7.875 | 5.500 L80 | 20.0 | 0 | 9966 | | | | | |

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 | 4646 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------|------|--------|---------------------|------|-----------|----------------------------|
| A) PADDOCK | 5095 | | 3500 TO 5543 | | | OPEN HOLE-ISOLATED -NON-FR |
| B) | | | 5543 TO 9966 | | | OPEN HOLE-PRODUCING |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 5543 TO 9966 | ACID BBL 2,802, TOTAL SAND 3,086,166# (16 STAGE) |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
| 06/22/2015 | 06/25/2015 | 24 | → | 177.0 | 118.0 | 167.0 | 37.0 | 32.00 |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status |
| | | | → | | | | 667 | 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|
| | | | → | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status |
| | | | → | | | | | |

ACCEPTED FOR RECORD

ELECTRIC PUMP SUB-SURFACE

OCT 19 2015

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #310901 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation
Date: 12/25/15

Handwritten signature

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 |
| RUSTLER | 565 | 711 | ANHYDRITE,DOLOMITE W | RUSTLER | 565 |
| SALADO | 711 | 1766 | ANHYDRITE,DOLOMITE W | SALADO | 711 |
| TANSIL | 1766 | 1899 | ANHYDRITE,SALT,DOLO,SS O/G/W | TANSIL | 1766 |
| YATES | 1899 | 2180 | SANDSTONE O/G/W | YATES | 1899 |
| SEVEN RIVERS | 2180 | 2794 | SS/DOLOMITE,LIMESTONE O/G/W | SEVEN RIVERS | 2180 |
| QUEEN | 2794 | 3208 | SS/DOLOMITE,LIMESTONE O/G/W | QUEEN | 2794 |
| GRAYBURG | 3208 | 3534 | DOLOMITE,LIMESTONE,SS O/G/W | GRAYBURG | 3208 |
| SAN ANDRES | 3534 | 5024 | DOLOMITE,LIMESTONE,SS O/G/W | SAN ANDRES | 3534 |

32. Additional remarks (include plugging procedure):

GLORIETA SANDSTONE O/G/W 5024 - 5095
 PADDOCK DOLOMITE O/G/W 5095 - TD
 BLINEBRY DOLOMITE O/G/W
 TUBB SANDSTONE O/G/W

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 #310901 Verified by the BLM Well Information System.
 For APACHE CORPORATION, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 10/08/2015 ()**

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST
 Signature _____ (Electronic Submission) Date 07/30/2015

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.

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