

District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
811 S First St., 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 & Natural Resources

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

|  |  |   |
|--|--|---|
| <sup>1</sup> Operator name and Address<br>Apache Corporation<br>303 Veterans Airpark Lane Suite 1000<br>Midland TX 79705 |  | <sup>2</sup> OGRID Number<br>873                                    |
|  |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW 5/16/2018 |
| <sup>4</sup> API Number<br>30-025-44044  | <sup>5</sup> Pool Name<br>LEA;BONE SPRING, SOUTH         | <sup>6</sup> Pool Code<br>37580                                     |
| <sup>7</sup> Property Code<br>319564   | <sup>8</sup> Property Name<br>BLACK & TAN 27 FEDERAL COM | <sup>9</sup> Well Number<br>307H                                    |

**II. <sup>10</sup>Surface Location**

| U1 or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 27      | 20S      | 34E   |         | 215           | SOUTH            | 782           | EAST           | LEA    |

**<sup>11</sup>Bottom Hole Location**

| U1. or lot no.              | Section                                  | Township  | Range                             | Lot Idn                            | Feet from the                       | North/South line | Feet from the | East/West line | County |
|-----------------------------|--|---|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| A                           | 27                                       | 20S   | 34E                               |                                    | 300                                 | NORTH            | 1280          | EAST           | LEA    |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code P | <sup>14</sup> Gas Connection<br>Date<br>5/16/2018 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

**III. Oil and Gas Transporters**

| <sup>18</sup> Transporter<br>OGRID                        | <sup>19</sup> Transporter Name<br>and Address          | <sup>20</sup> O/G/W |
|---|--|---------------------|
| 214984  | Plains Pipeline LP<br>PO BOX 4648<br>HOUSTON, TX 77210 | O                   |
| 24650   | Targa Midstream Services LP                            | G                   |
| <b>HOBBS OCD</b><br><b>JUN 06 2018</b><br><b>RECEIVED</b> |  |                     |

**IV. Well Completion Data**

|                                     |                                       |                           |                            |   |                        |
|-------------------------------------|---------------------------------------|---------------------------|----------------------------|---|------------------------|
| <sup>21</sup> Spud Date<br>01/07/18 | <sup>22</sup> Ready Date<br>5/16/2018 | <sup>23</sup> TD<br>15844 | <sup>24</sup> PBD<br>15799 | <sup>25</sup> Perforations<br>11413-15750 | <sup>26</sup> DIIC, MC |
| <sup>27</sup> Hole Size             | <sup>28</sup> Casing & Tubing Size    | <sup>29</sup> Depth Set   | <sup>30</sup> Sacks Cement |   |                        |
| 17 1/2                              | 13.375 54.50# J55                     | 1738                      | 1325sx Class C             |   |                        |
| 12 1/4                              | 9.625 40# J55                         | 5780                      | 2850 sx Class C            |   |                        |
| 8 3/4                               | 5 1/2 17# P-110                       | 15844                     | 2345 sx Class H            |   |                        |
| Tubing                              | 2 7/8                                 | 10700                     |                            |   |                        |

**V. Well Test Data**

|   |  |                                      |                                     |                             |                                |
|---|--|--------------------------------------|-------------------------------------|-----------------------------|--------------------------------|
| <sup>31</sup> Date New Oil<br>5/16/2018 | <sup>32</sup> Gas Delivery Date<br>5/16/2018 | <sup>33</sup> Test Date<br>5/21/2018 | <sup>34</sup> Test Length<br>24 hrs | <sup>35</sup> Tbg. Pressure | <sup>36</sup> Csg. Pressure    |
| <sup>37</sup> Choke Size                | <sup>38</sup> Oil<br>99                      | <sup>39</sup> Water<br>1499          | <sup>40</sup> Gas<br>0              |                             | <sup>41</sup> Test Method<br>P |

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief  
Signature: *Alicia Fulton*

Printed name:  
Alicia Fulton  
Title:  
Sr. Regulatory Analyst  
E-mail Address  
alicia.fulton@apachecorp.com

Date:  
5/24/2018  
Phone:  
432-818-1088

OIL CONSERVATION DIVISION

Approved by *Karen Sharp*  
Title *Staff Mgr*  
Approval Date *6-6-18*

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM0897

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
BLACK & TAN 27 FEDERAL COM 307H9. API Well No.  
30-025-4404410. Field and Pool or Exploratory Area  
LEA; BONE SPRING, SOUTH11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

APACHE CORPORATION

Contact: ALICIA FULTON

E-Mail: Alicia.fulton@apachecorp.com

3a. Address

303 VETERANS AIRPARK LANE  
MIDLAND, TX 79705

3b. Phone No. (include area code)

Ph: 432-818-1088

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T20S R34E SESE 215FSL 782FEL

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Production Start-up                       |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

APACHE COMPLETED THE following WORK RR DATE 1/30/2018

3/11/18 MIRU PETROPLEX TO PERFROM DEFIT TEST CASING OPENED ORIO AT 7743 PSI

3/12/18-3/22/18 WAIT ON FRAC

3/23-4/3/18 PERF AND FRAC STAGES 1-25

PERFORATE 11413-15716

FRAC W/1199 bbls hcl, 215,542 bbl slickwater, 6,938,060 lbs of 100 mesh sand, 1,718,107 lbs of 20/40

4/4-4/26/18 wait to drill out plugs

4/27-4/28/18 TAG AND DRILL OUT PLUGS

4/28/18 TURN OVER TO PRODUCTION

5/1-5/6/18- SET PRODUCTION PKR

*pressure test info?**pkr setting?*

HOBBS

JUN 06 2018

RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #421462 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Hobbs**

Name (Printed/Typed) ALICIA FULTON

Title SR REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/24/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\****Pending BLM approvals will  
subsequently be reviewed  
and scanned*



**Additional data for EC transaction #421462 that would not fit on the form**

**32. Additional remarks, continued**

*size?*

5/7/18 MIRU/NU BOP SET TUBING @ 10700

5/11/18 RD HYDROSTATIC START WELL FLOWING BACK

5/16/18 first flow and sundry sent in and well put on production

## Sharp, Karen, EMNRD

---

**Subject:**

FW: Black & Tan 27 Federal COM #307H

**From:** Fulton, Alicia <Alicia.Fulton@apachecorp.com>

**Sent:** Tuesday, June 5, 2018 4:07 PM

**To:** Sharp, Karen, EMNRD <Karen.Sharp@state.nm.us>

**Subject:** RE: Black & Tan 27 Federal COM #307H

Hi Karen,

I apologize for not including that information...

Casing pressure test : 2000 psi for 1 min, 5000 psi for 1 min, 6000 psi for 1 minute, 7000 psi for 1 minute TESTED GOOD  
opened orio at 7743 psi

Tubing detail 2 7/8 6.50 L-80 @10700

Packer set at 10,720

Thanks,

Alicia Fulton

Sr. Regulatory Analyst

Apache Corporation

432-818-1088

432-818-1088

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**WARNING EXTERNAL EMAIL:** This email is from an external source. Do not click links or open attachments without positive sender verification of purpose. Never enter Username, Password or sensitive information on linked pages from this email. If you are unsure about the message, please contact the ServiceDesk for assistance.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

5. Lease Serial No.  
NMNM0897

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
BLACK & TAN 27 FEDERAL COM 307H

9. API Well No.  
30-025-44044

10. Field and Pool or Exploratory Area  
LEA; BONE SPRING, SOUTH

11. County or Parish, State  
LEA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
APACHE CORPORATION  
Contact: ALICIA FULTON  
E-Mail: Alicia.fulton@apachecorp.com

3a. Address  
303 VETERANS AIRPARK LANE  
MIDLAND, TX 79705  
3b. Phone No. (include area code)  
Ph: 432-818-1088

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 27 T20S R34E SESE 215FSL 782FEL

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen               | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Production Start-up                       |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back            | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

APACHE COMPLETED THE WELL AS FOLLOWS RIG RELEASE DATE : 1/30/2018

FIRST FLOW DATE:5/16/2018

FIRST FLOW COPIES EMAILED TO DEBORAH HAM AND DINAH NEGRETE AT THE BLM

FULL COMPLETION 3160-4 & SUNDRY 3160-5 TO FOLLOW

SEE ATTACHED FIRST FLOW

**HOBBS OCD**  
**JUN 06 2018**  
**RECEIVED**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #420505 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Hobbs**

Name (Printed/Typed) ALICIA FULTON

Title SR REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/16/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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 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.

(Instructions on page 2)

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



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.  
NMNM0897

|  |  |                                     |   |  |                                 |
|--|--|-------------------------------------|---|--|---------------------------------|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other<br>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.<br>Other _____ |  |                                     |   | 6. If Indian, Allottee or Tribe Name<br><br>7. Unit or CA Agreement Name and No.   |                                 |
| 2. Name of Operator<br>APACHE CORPORATION<br>Contact: ALICIA FULTON<br>E-Mail: Alicia.fulton@apachecorp.com  |  |                                     |   | 8. Lease Name and Well No.<br>BLACK & TAN 27 FEDERAL COM 307H  |                                 |
| 3. Address 303 VETERANS AIRPARK LANE<br>MIDLAND, TX 79705  |  |                                     | 3a. Phone No. (include area code)<br>Ph: 432-818-1088 |  | 9. API Well No.<br>30-025-44044 |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface SESE Lot P 215FSL 782FEL<br>At top prod interval reported below Lot P 564FSL 1254FWL<br>At total depth NENE Lot A 300FNL 1280FEL  |  |                                     |   | 10. Field and Pool, or Exploratory<br>LEA; BONE SPRING, SOUTH<br>11. Sec., T., R., M., or Block and Survey<br>or Area Sec 27 T20S R34E Mer<br>12. County or Parish<br>LEA<br>13. State<br>NM   |                                 |
| 14. Date Spudded<br>01/07/2018   |  | 15. Date T.D. Reached<br>01/29/2018 |   | 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.<br>05/16/2018  |                                 |
| 18. Total Depth: MD 15844<br>TVD 11086   |  | 19. Plug Back T.D.: MD 15799<br>TVD |   | 20. Depth Bridge Plug Set: MD<br>TVD   |                                 |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  |  |                                     |   | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 J-55 | 54.5        | 0        | 1738        |                      | 1325                        |                   | 0           |               |
| 12.250    | 9.625 J-55  | 40.0        | 0        | 5780        |                      | 2850                        |                   | 0           |               |
| 8.750     | 5.500 P-110 | 17.0        | 0        | 15844       |                      | 2345                        |                   | 520         |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |
|           |             |             |          |             |                      |                             |                   |             |               |

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 | 10700          |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation          | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------------|-------|--------|---------------------|------|-----------|--------------|
| A) LEA-BONE SPRING | 11413 | 15716  | 11413 TO 15716      |      |           | PRODUCING    |
| B)                 |       |        |                     |      |           |              |
| C)                 |       |        |                     |      |           |              |
| D)                 |       |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 11413 TO 15716 | 1,199 BBLS HCL, 215,542 BBL SLICKWATER, 6,938,060 LBS OF 100 MESH SAND, 1,718,107 LBS OF 20/40 |
|                |  |
|                |  |
|                |  |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 05/16/2018          | 05/21/2018           | 24           | →               | 99.0    | 0.0     | 1499.0    |                       |             | GAS LIFT          |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       | PROD        |                   |

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 |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #421440 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

## 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<br>Meas. Depth |
|--------------|------|--------|---|--------------|--------------------|
| QUATERNARY   | 0    | 1602   | SURFACE, SALT, SILTSTONE, ANHYDRITE, DOLOMITE | QUATERNARY   | 0                  |
| RUSTLER      | 1602 | 1961   | ANHYDRITE, DOLOMITE                           | RUSTLER      | 1602               |
| SALADO       | 1961 | 3537   | ANHYDRITE, SALT, DOLOMITE, SANDSTONE          | SALADO       | 1961               |
| TANSILL      | 3333 | 3818   | ANHYDRITE, SALT, DOLOMITE, SANDSTONE          | YANSILL      | 3333               |
| YATES        | 3537 | 3818   | DOLOMITE, SILTSTONE, AND ANHYDRITE            | YATES        | 3537               |
| SEVEN RIVERS | 3818 | 5783   | DOLOMITE, SILTSTONE, AND ANHYDRITE            | SEVEN RIVERS | 3818               |
| DELAWARE     | 5783 | 8583   | SANDSTONE, SILTSTONE, AND LIMESTONE           | DELAWARE     | 5783               |
| BONESPRING   | 8583 | 15844  | LIMESTONE AND SANDSTONE                       | BONESPRING   | 8583               |

## 32. Additional remarks (include plugging procedure):

## 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 #421440 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Hobbs**

Name (please print) ALICIA FULTONTitle SR REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 05/24/2018

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 \*\***