

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

| | | |
|--|--|---|
| ¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 78705 | | ² OGRID Number 873 |
| | | ³ Reason for Filing Code/ Effective Date NW/ 6/1/2018 |
| ⁴ API Number 30-025-44018 | ⁵ Pool Name LEA;BONE SPRING, SOUTH | ⁶ Pool Code 37580 |
| ⁷ Property Code 319564 | ⁸ Property Name BLACK & TAN 27 FEDERAL COM | ⁹ Well Number 302H |

II. ¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 27 | 20S | 34E | | 220 | SOUTH | 710 | WEST | LEA |

¹¹ Bottom Hole Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 27 | 20S | 34E | | 283 | NORTH | 1295 | WEST | LEA |

| ¹² Lse Code | ¹³ Producing Method Code | ¹⁴ Gas Connection Date | ¹⁵ C-129 Permit Number | ¹⁶ C-129 Effective Date | ¹⁷ C-129 Expiration Date |
|------------------------|-------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| F | P | 6/1/2018 | | | |

III. Oil and Gas Transporters

| ¹⁸ Transporter OGRID | ¹⁹ Transporter Name and Address | ²⁰ O/G/V |
|---------------------------------|--|---------------------|
| 214984 | Plains Pipeline LP PO BOX 4648 HOUSTON, TX 77210 | O |
| 24650 | TARGA MIDSTREAM SERVICES LP | G |
| HOBBS OCD | | |
| JUN 15 2018 | | |
| RECEIVED | | |

IV. Well Completion Data

| ²¹ Spud Date 12/11/17 | ²² Ready Date 6-1-18 | ²³ TD 15,711' 11097 | ²⁴ PBD | ²⁵ Perforations 1199-15615 | ²⁶ DIIC, MC 9428-9491 |
|-------------------------------------|------------------------------------|-----------------------------------|----------------------------|--|-------------------------------------|
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 17.5 | 13 375 J55 54.5# | 1,728 | 1380 sx Class C | | |
| 12.25 | 9.625 J55 40# | 5,802 | 850 sx Class C | | |
| 8.75 | 5.5 HCP-110 17# | 15,711' | 2174 sx Class C | | |
| Tubing | 2.875 L80 6.5 | 10,643 | | | |

V. Well Test Data

| | | | | | |
|--|---|------------------------------------|-------------------------------------|--------------------------------|-----------------------------|
| ³¹ Date New Oil 6/1/2018 | ³² Gas Delivery Date 6/1/2018 | ³³ Test Date 6/11/18 | ³⁴ Test Length 24 hrs | ³⁵ Tbg. Pressure | ³⁶ Csg. Pressure |
| ³⁷ Choke Size | ³⁸ Oil 216 | ³⁹ Water 1570 | ⁴⁰ Gas 360 | ⁴¹ Test Method P | |

| | |
|---|--|
| ⁴² 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: <i>Alicia Fulton</i> | OIL CONSERVATION DIVISION Approved by: <i>Karen Sharp</i> Title: <i>Staff Mgr</i> Approval Date: <i>6-15-18</i> |
| Printed name: Alicia Fulton | |
| Title: Reg Tech | |
| E-mail Address: alicia.fulton@apachecorp.com | |
| Date: 6/15/2018 | Phone: 432-818-1088 |

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM A OVED
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.
NMNM60393

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

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

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

9. API Well No.
30-025-44018

3a. Address
303 VETERANS AIRPARK LANE
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-818-4088
HOL...OCD

10. Field and Pool or Exploratory Area
LEA, BONESPRING, S

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 27 T20S R34E SWSW 220FSL 710 FWL

JUN 15 2018

11. County or Parish, State
LEA COUNTY, NM

RECEIVED

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 Production Start-up |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and 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 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 performed the following work RR date 1/3/2018

3/11/2018 TEST LINES TO 8598#, OPEN WELL WITH 0 PSI, START CASING TEST , 2000#,5000#,6000# AND 7000# HELD FOR 5 MIN GOOD TEST.
BLEED WELL BACK TO 1000# START ORIO OPENING OPERATION, 7 BPM AND PRESSURE INCREASED AND OREO OPENED AT 7916#
3/12-3/21/18 WAIT ON FRAC
3/22/18 MIRU PETRO PLEX PUMP ACID12 BBLs 15%NEFE WAIT ON FRAC
4/4/18 PREFILL SILOS AND CONTINUE LAYING IRON

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

**Electronic Submission #424218 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 06/15/2018

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 w States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. ...make to any department or agency of the United

Additional data for EC transaction #424218 that would not fit on the form

32. Additional remarks, continued

4/4-4/12/18 FRAC AND PERF 24 STAGE
PERFS 11199-15615
TOTAL 5%HCL ACID 204,934 TOTAL PROP 8,604,589

4/14-5/1/18 DRILL OUT PLUGS
5/2/18 TURN OVER TO PRODUCTION
5/8/18 RU KLX ENERGY SERVICES WL & CRANE TRUCK. OPEN WELL 3300 PSI. PU RIH W/ 4.625 JBGR TO 10,750'
POOH. PU RIH W/ PROD. PKR & PUMP OUT PLUG SET @ 10,685'. POOH LD TOOLS RD WL & CRANE. BLEED DOWN
WELL TO 0 PSI PKR TEST GOOD.
5/17/18 run 2 7/8 L80 6.5 tubing and production packer set @ 10,643

5/22/18 prep to flow back well
6/1/18 report first flow

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. **NMNM60393**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **BLACK & TAN 27 FEDERAL COM 302H**

9. API Well No. **30-025-44018**

10. Field and Pool, or Exploratory **LEA; BONESPRING, SOUTH**

11. Sec., T., R., M., or Block and Survey or Area **Sec 27 T20S R34E Mer**

12. County or Parish **LEA** 13. State **NM**

14. Date Spudded **12/11/2017** 15. Date T.D. Reached **12/30/2017** 16. Date Completed **06/01/2018**
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* **3727 GL**

18. Total Depth: MD **15711** TVD **11065** 19. Plug Back T.D.: MD **15662** TVD **11065** 20. Depth Bridge Plug Set: MD **15662** TVD **11065**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 J55 | 54.5 | | 1728 | | 1300 | | | |
| 12.250 | 9.625 J55 | 40.0 | | 5802 | | 3024 | | | |
| 8.750 | 5.500 | 17.0 | | 15711 | | 2500 | | | |

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 | 10643 | 10643 | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-------|--------|---------------------|------|-----------|--------------|
| A) BONE SPRING | 11199 | 15615 | 11199 TO 15615 | | | PRODUCING |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|-------|--------|---------------------|------|-----------|--------------|
| A) BONE SPRING | 11199 | 15615 | 11199 TO 15615 | | | PRODUCING |

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

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 11199 TO 15615 | TOTAL ACID 204,934 TOTAL PROP 8,604,589 |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 06/01/2018 | 06/11/2018 | 24 | → | 216.0 | 360.0 | 1570.0 | | | GAS LIFT |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | SI | | → | 216 | 360 | 1570 | | | |

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 | |
| | SI | | → | | | | | | |

Pending BLM approvals will subsequently be reviewed and scanned

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 |
| QUATERNARY | 0 | 1621 | SILTSTONE,SALT, ANHYDRITE | RUSTLER | 1621 |
| RUSTLER | 1621 | 1980 | ANHYDRITE,DOLOMITE | SALADO | 1980 |
| SALADO | 1980 | 3556 | ANHYDRITE, SALT, DOLOMITE,SAND | TANSILL | 3353 |
| TANSILL | 3353 | 3837 | ANHYDRITE,SALT,DOLOMITE,SANDST | YATES | 3556 |
| YATES | 3556 | 3837 | SANDSTONE,ANHYDRITE,SILTSTON | SEVEN RIVERS | 3837 |
| SEVEN RIVERS | 3837 | 5801 | DOLOMITE, SILTSTONE, AND ANHYD | DELAWARE | 5801 |
| DELAWARE | 5801 | 8616 | SANDSTONE, SILTSTONE, AND LIME | BONE SPRING | 8616 |
| BONE SPRING | 8616 | 15711 | LIMESTONE AND SANDSTONE | | |

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 #424215 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Hobbs

Name (please print) ALICIA FULTON Title SR REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 06/15/2018

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 ****