

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 79705 | | ² OGRID Number 873 |
| | | ³ Reason for Filing Code/ Effective Date NW |
| ⁴ API Number 30-025-44017 | 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 301H |

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 | 670 | 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 | | 279 | NORTH | 377 | 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/W |
|---------------------------------|--|---------------------|
| 214984 | Plains Pipeline LP PO BOX 4648 HOUSTON, TX 77210 | O |
| 24650 | TARGA MIDSTREAM SERVICES LP | G |

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IV. Well Completion Data

| ²¹ Spud Date | ²² Ready Date | ²³ TD | ²⁴ PBD | ²⁵ Perforations | ²⁶ DHC, MC |
|-------------------------|------------------------------------|-------------------------|----------------------------|----------------------------|-----------------------|
| 01/07/18 | 6/1/18 | 15914 | 15865 | 11289-15815 | |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 17 1/2 | 13.375 54.50# J55 | 1738 | 1325x 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 C | | |
| Tubing | 2 7/8 | 10,643 | | | |

V. Well Test Data

| ³¹ Date New Oil | ³² Gas Delivery Date | ³³ Test Date | ³⁴ Test Length | ³⁵ Tbg. Pressure | ³⁶ Csg. Pressure |
|----------------------------|---------------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------|
| 6/1/18 | 6/1/18 | 6/1/18 | 24 hrs | | |
| ³⁷ Choke Size | ³⁸ Oil | ³⁹ Water | ⁴⁰ Gas | ⁴¹ Test Method | |
| | 34 | 1070 | 0 | 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: *Alicia Fulton*

Printed name:
Alicia Fulton

Title:
Sr. Regulatory Analyst

E-mail Address:
alicia.fulton@apachecorp.com

Date:
6/13/18

Phone:
432-818-1088

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *6-14-18*

Pending BLM approvals will subsequently be reviewed and scanned

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 301H

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: ALICIA FULTON
E-Mail: Alicia.fulton@apachecorp.com

3. Address 303 VETERANS AIRPARK LANE
MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 432-818-1088

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At surface SWSW Lot M 220FSL 670FWL

At top prod interval reported below SWSW Lot M 389FSL 337FWL

At total depth NWNW Lot D 279FNL 377FWL

9. API Well No.
30-025-44017

10. Field and Pool, or Exploratory
LEA; BONE SPING, 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
11/15/2017

15. Date T.D. Reached
12/11/2017

16. Date Completed
 D & A Ready to Prod.
06/01/2018

17. Elevations (DF, KB, RT, GL)*
3728 GL

18. Total Depth: MD 15914 TVD 11152

19. Plug Back T.D.: MD 15865 TVD

20. Depth Bridge Plug Set: MD TVD

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 | 13.625 J-55 | 54.5 | 0 | 1722 | | 1400 | | 0 | 0 |
| 12.250 | 8.750 J55 | 40.0 | 0 | 5797 | | 3150 | | 0 | 0 |
| 8.750 | 5.500 P-110 | 17.0 | 0 | 15914 | | 3050 | | 0 | 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 | 10643 | 10643 | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------------------|-------|--------|---------------------|------|-----------|------------------|
| LEA BONE SPRING SOUTH | 11289 | 15815 | 11289 TO 15815 | | | READY TO PRODUCE |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 11289 TO 15796 | TOTAL PROP 9,081,400 |

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 | → | 34.0 | 0.0 | 1070.0 | | | GAS LIFT |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | 34 | 0 | 1070 | | 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 | 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 #423894 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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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 | 1619 | SILTSTONE, SALT, ANHYDRITE | QUATERNARY | 0 |
| RUSTLER | 1619 | 1978 | ANHYDRITE, DOLOMITE | RUSTLER | 1619 |
| SALADO | 1978 | 3554 | ANHYDRITE, SALT, DOLOMITE, AND | SALADO | 1978 |
| TANSILL | 3351 | 3835 | ANHYDRITE, SALT, DOLOMITE, AND | TANSILL | 3351 |
| YATES | 3554 | 3835 | SANDSTONE, ANHYDRITE, SILTSTON | YATES | 3554 |
| SEVER RIVERS | 3835 | 5779 | DOLOMITE, SILTSTONE, AND ANHYD | SEVEN RIVERS | 3835 |
| DELAWARE | 5779 | 8614 | SANDSTONE, SILTSTONE, AND LIME | DELAWARE | 5779 |
| BONE SPRING | 8614 | 15914 | LIMESTONE AND SANDSTONE | BONE SPRING | 8614 |

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 #423894 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 06/13/2018

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 ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.
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

2. Name of Operator
APACHE CORPORATION

Contact: ALICIA FULTON
E-Mail: Alicia.fulton@apachecorp.com

8. Well Name and No.
BLACK AND TAN 27 FEDERAL COM 301H

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

3b. Phone No. (include area code)
Ph: 432-818-1088

9. API Well No.
30-025-44017

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 27 T20S R34E SWSW 220FSL 670FWL

10. Field and Pool or Exploratory Area
LEA BONE SPRINGS SOUTH

11. County or Parish, State
LEA COUNTY, NM

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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 recomplete 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 WELL AS FOLLOWS RR 12-11-17

3/11/18 BLEED WELL TO 1000# AND START OPEO OPENING OPERATION. START PUMPING 7 BPM PRESSURE INCREASED TO 8200 AND OREO DID NOT OPEN BEFORE KICK OUTS TRIPPED, ORIO DID OPEN @ 8,000 PSI AND PRESSURE FELL TO 5021 # BRING PUMP BACK ON LINE AND RATE AT 6.3 BPM PUMPED TOTAL 15.5 BPM ENDING PRESSURE 5915# CLOSE WELL IN

3/11-4/3- wait on frac

4/4/18 MIRU FRAC AND PREFILL SILOS

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #423878 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 06/13/2018

THIS SPACE FOR FEDERAL OR STATE OFFICIAL 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 voluntarily 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.

(Instructions on page 2)

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

Additional data for EC transaction #423878 that would not fit on the form

32. Additional remarks, continued

4/4/-4/14/18 FRAC AND PERF 26 STAGES 11289-15815
1225 BBLs HLC
216,415 bbls slickwater
9,081,400 # total proppant

5/2-5/5/18 drill out plugs

5/6 TURN OVER TO PRODUCTION

5/7/18 SET 2 7/8 6.5 L-80 TUBING AND PACKER AT 10,643

5/30/18 MIRU TO FLOW BACK

6/1/18 REPORT FIRST FLOW