

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 5/22/18 |
| ⁴ API Number 30-025-43921 | 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 303H |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N | 27 | 20S | 34E | | 215 | SOUTH | 2160 | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 27 | 20S | 34E | | 281 | NORTH | 2195 | WEST | LEA |

| | | | | | |
|-----------------------------|--|--|-----------------------------------|------------------------------------|-------------------------------------|
| ¹² Lse Code F | ¹³ Producing Method Code P | ¹⁴ Gas Connection Date 5/22/18 | ¹⁵ C-129 Permit Number | ¹⁶ C-129 Effective Date | ¹⁷ C-129 Expiration Date |
|-----------------------------|--|--|-----------------------------------|------------------------------------|-------------------------------------|

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 HOBBS OGD JUN 11 2018 RECEIVED | G |

IV. Well Completion Data

| | | | | | |
|-------------------------------------|-------------------------------------|------------------------------------|-----------------------------|---|-----------------------|
| ²¹ Spud Date 09/22/17 | ²² Ready Date 5/22/18 | ²³ TD 15791 11145 | ²⁴ PBTD 15741 | ²⁵ Perforations 11358-15718 | ²⁶ DHC, MC |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 17.5 | 13.375 #54.5 J55 | 1718 | 1450 sx Class C | | |
| 12.25 | 9.625 40# J55 | 5790 | 3185 sx Class C | | |
| 8.75 | 5.5 17# HCP-110 | 15,791 | 3645 sx Class H | | |
| Tubing | 2 7/8 L-80 | 10,701 | | | |

V. Well Test Data

| | | | | | |
|---------------------------------------|--|------------------------------------|-------------------------------------|-----------------------------|--------------------------------|
| ³¹ Date New Oil 5/22/18 | ³² Gas Delivery Date 5/22/18 | ³³ Test Date 5/29/18 | ³⁴ Test Length 24 hrs | ³⁵ Tbg. Pressure | ³⁶ Csg. Pressure |
| ³⁷ Choke Size | ³⁸ Oil 294 | ³⁹ Water 2314 | ⁴⁰ Gas 394 | | 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: *Alicia Fulton*

Printed name:
Alicia Fulton

Title:
Reg Analyst

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

Date:
5/29/2018

Phone:
432-818-1088

OIL CONSERVATION DIVISION

Approved by

Karen Sharp

Title:

Staff Mgr

Approval Date:

6-11-18

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: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | | | | | |
|--|----------------------|---|---------------------|----------------|----------------------|------------------------------|-----------------------|-------------------|-------------------|
| 1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | 5. Lease Serial No. NMLC029519B | | | | | | | |
| 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. Other _____ | | 6. If Indian, Allottee or Tribe Name | | | | | | | |
| 2. Name of Operator APACHE CORPORATION | | 7. Unit or CA Agreement Name and No. | | | | | | | |
| Contact: ALICIA FULTON E-Mail: Alicia.fulton@apachecorp.com | | 8. Lease Name and Well No. BLACK & TAN 27 FEDERAL COM 303H | | | | | | | |
| 3. Address 303 VETERANS AIRPARK LANE MIDLAND, TX 79705 | | 9. API Well No. 30-025-43921 | | | | | | | |
| 3a. Phone No. (include area code) Ph: 432-818-1088 | | 10. Field and Pool, or Exploratory LEA, BONESPRING, SOUTH | | | | | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW Lot N 215FSL 2160FWL At top prod interval reported below SESW Lot N 574FSL 2186FWL At total depth NENW Lot C 281FNL 2195FWL | | 11. Sec., T., R., M., or Block and Survey or Area Sec 27 T20S R34E Mer | | | | | | | |
| 14. Date Spudded 09/22/2017 | | 15. Date T.D. Reached 11/11/2017 | | | | | | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/18/2018 | | 17. Elevations (DF, KB, RT, GL)* 3715 GL | | | | | | | |
| 18. Total Depth: MD 15791 TVD 11145 | | 19. Plug Back T.D.: MD 15741 TVD | | | | | | | |
| 20. Depth Bridge Plug Set: MD 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) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) 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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
| 17.500 | 13.375 J55 | 54.5 | | 1718 | | 1450 | | | |
| 12.250 | 9.625 J55 | 40.0 | | 5790 | | 3185 | | | |
| 8.750 | 5.500 P110 | 17.0 | | 15791 | | 2915 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 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 | 10701 | 10701 | | | | | | | |
| 25. Producing Intervals | | | | | | | | | |
| 26. Perforation Record | | | | | | | | | |
| Formation | Top | Bottom | Perforated Interval | | Size | No. Holes | Perf. Status | | |
| LEA, BONE SPRING SOUTH | 11358 | 15718 | 11358 TO 15718 | | | | PRODUCING | | |
| B) | | | | | | | | | |
| C) | | | | | | | | | |
| D) | | | | | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. | | | | | | | | | |
| Depth Interval | | Amount and Type of Material | | | | | | | |
| 11358 TO 15718 | | TOTAL PROP 8,452,500 ,1247 BBL HCL ACID, 347,256 BBL SLICKWATER | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 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 |
| 05/22/2018 | 05/29/2018 | 24 | → | 294.0 | 394.0 | 2314.0 | | | GAS LIFT |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | 294 | 394 | 2314 | | 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 | |
| | | | → | | | | | | |

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

ELECTRONIC SUBMISSION #423210 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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 | 1608 | SILTSTONE, SALT, ANHYDRITE | QUATERNARY | 0 |
| RUSTLER | 1608 | 1967 | ANHYDRITE, DOLOMITE | RUSTLER | 1608 |
| SALADO | 1967 | 3543 | ANHYDRITE, SALT, DOLOMITE, SANDST | SALADO | 1967 |
| TANSILL | 3340 | 3824 | ANHYDRITE, SALT, DOLOMITE, SANDST | TANSILL | 3340 |
| YATES | 3543 | 3824 | SSTONE, ANHYDRITE, SILTSTONE, D | YATES | 3453 |
| SEVEN RIVERS | 3824 | 5788 | DOLOMITE, SILTSTONE, ANHYDRITE | SEVEN RIVERS | 3824 |
| DELAWARE | 5788 | 8603 | SANDSTONE, SILTSTONE, LIMESTONE | DELAWARE | 5788 |
| BONE SPRING | 8603 | 15791 | LIMESTONE AND SANDSTONE | BONE SPRING | 8603 |

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 #423210 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Hobbs**

Name (please print) ALICIA FULTONTitle SR REGULATORY ANALYSTSignature (Electronic Submission)Date 06/08/2018

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 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.
NMLC029519B

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 303H9. API Well No.
30-025-4392110. Field and Pool or Exploratory Area
LEA, BONESPRING, S11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: ALICIA FULTON
E-Mail: Alicia.fulton@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE
MIDLAND, TX 797053b. 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 Mer NMP SESW 215FSL 2160FWL

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 performed the following work:

RR date 11/11/17

4 /11/18 TESTED CASING AS FOLLOWS

4010 - 4005 PSI HELD FOR 1 MIN

5005 - 5005 PSI HELD FOR 1 MIN

6072 - 6072 PSI HELD FOR 1 MIN

6600 - 6600 PSI HELD FOR 5 MIN

BLEED PRESSURE DOWN TO 1000 PSI PRESSURED UP TO 8500 THEN TO 9000 PSI.

ORIO DID NOT OPEN. BLEED PRESSURE DOWN PRESSURED UP TO 9500 PSI WITH NO SUCCESS. TRIED 1 MORE

HUBBS OGD

JUN 07 2018

RECEIVED

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

Electronic Submission #423203 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 06/08/2018

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 scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and wil
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

to any department or agency of the United

(Instructions on page 2)

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

Additional data for EC transaction #423203 that would not fit on the form

32. Additional remarks, continued

TIME TO TO 9700 PSI ORIO DID NOT OPEN. THE CALL WAS MADE TO RDMO. WAIT ON ORDERS
MIRU PETROPLEX ATTEMPT TO OPEN ORIO VALVE PRESSURED UP TO 9757 HELD FOR 20 MIN PRESSURED DOWN TRIED
AGAIN TO 9650 WAS UNSUCCESSFULL

4/13-4/26 perf and frac 25 stages 11358-15718

frac w/TOTAL PROP 8,452,500 ,1247 BBL HCL ACID, 347,256 BBL SLICKWATER

4/30/18 drill out plugs pooh

5/1/18 turned over to production

5/4/18 Rug production packer & 2 7/8 6.50/ L80 tubing set at 10,701

5/18/18 turnover to flow back

5/22/18 first flow reported