

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/ 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. M	Section 27	Township 20S	Range 34E	Lot Idn	Feet from the 220	North/South Line SOUTH	Feet from the 710	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. D	Section 27	Township 20S	Range 34E	Lot Idn	Feet from the 283	North/South line NORTH	Feet from the 1295	East/West line WEST	County LEA
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¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 6/1/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 OGD		
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 PBDT	²⁵ Perforations 1199-15615	²⁶ DIHC, MC
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: *Alicia Fulton*
Printed name: Alicia Fulton
Title: Reg Tech
E-mail Address: alicia.fulton@apachecorp.com
Date: 6/15/2018
Phone: 432-818-1088

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*
Title: *Staff Mgr*
Approval Date: 6-15-18

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 ☐ Other8. 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

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
	<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 s. 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 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 scannedTitle 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

(Instructions on page 2)

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

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

32. Additional remarks, continued

4/4-4/12/8 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 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. NMNM60393			
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						8. Lease Name and Well No. BLACK & TAN 27 FEDERAL COM 302H			
3. Address 303 VETERANS AIRPARK LANE MIDLAND, TX 79705						9. API Well No. 30-025-44018			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW Lot M 220FSL 710FWL At top prod interval reported below SWSW Lot M 504FSL 1216FWL At total depth NWNW Lot D 283FNL 1295FWL						10. Field and Pool, or Exploratory LEA; BONESPRING, SOUTH			
14. Date Spudded 12/11/2017						15. Date T.D. Reached 12/30/2017		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/01/2018	
17. Elevations (DF, KB, RT, GL)* 3727 GL									
18. Total Depth: MD 15711 TVD 11065						19. Plug Back T.D.: MD 15662 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		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					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
A) BONE SPRING	11199	15615	11199 TO 15615				PRODUCING		
B)									
C)									
D)									
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	
			→	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 S	
			→						

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

ELECTRONIC SUBMISSION #424215 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	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 FULTONTitle SR REGULATORY ANALYSTSignature (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.

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