

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 Airport Lane Suite 1000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW 5/23/2018
⁴ API Number 30-025-43940	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 305H

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
O	27	20S	34E		215	SOUTH	2112	EAST	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
B	27	20S	34E		280	NORTH	2186	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 5/23/18	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/GAV
214984	Plains Pipeline LP PO BOX 4648 HOUSTON, TX 77210	O
24650	TARGA MIDSTREAM SERVICES LP HOBBS OCD	G
JUN 11 2018		
RECEIVED		

IV. Well Completion Data

²¹ Spud Date 12/11/17	²² Ready Date 5/23/18	²³ TD 15,859	²⁴ PBDT 15,812	²⁵ Perforations 11251-15775	²⁶ DHC, AIC
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 L-80	10,643			

V. Well Test Data

³¹ Date New Oil 5/23/18	³² Gas Delivery Date 5/23/18	³³ Test Date 5/27/18	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method P
	262	1866	297		

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:
5/31/18

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 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

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

8. Well Name and No.
BLACK & TAN 27 FEDERAL COM 305H

9. API Well No.
30-025-43940

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 Mer NMP SWSE 215FSL 2112FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 : 3/22/2018

FIRST FLOW DATE:5/23/2018

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

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

**Electronic Submission #421205 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 05/23/2018

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 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.

(Instructions on page 2)

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

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.
NMNM60393

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 305H9. API Well No.
30-025-4394010. 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 ☐ 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 SWSE 215FSL 2112FEL

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other
Production Start-up

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 3/22/2018

4/11/18 TESTED CASING AS FOLLOWS

4010 - 4008 PSI HELD FOR 1 MIN

5020 - 5011 PSI HELD FOR 1 MIN

6064 - 6045 PSI HELD FOR 1 MIN

6829 - 6820 PSI HELD FOR 5 MIN

BLEED PRESSURE DOWN TO 1000 PSI PRESSURED UP TO 8700 THEN TO 9138 PSI.

ORIO DID NOT OPEN. BLEED PRESSURE DOWN PRESSURED UP TO 9680 PSI HELD FOR 20 MIN WITH NO SUCCESS.

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

Electronic Submission #423243 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 OFF

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 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 #423243 that would not fit on the form

32. Additional remarks, continued

TRIED 1 MORE TIME TO TO 9800 PSI ORIO ORIO OPENED.

4/12-4/15/18 WAIT ON FRAC

4/15-4/20 PERF AND FRAC 26 STAGES 11251-15775

FRAC W/1114 bbl hcl acid

218,673 bbl slick water

8,918,601 total propan

4/21-4/27 wait on drill outs

4/28-4/29 drill out plugs

4/29/18 turn over to production

5/3-5/14 set production packer and 2 7/8 L-80 tubing @10643

5/22/18 begin flow back

5/23/2018 REPORTED 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 305H			
3. Address 303 VETERANS AIRPARK LANE MIDLAND, TX 79705						9. API Well No. 30-025-43940			
3a. Phone No. (include area code) Ph: 432-818-1088						10. Field and Pool, or Exploratory LEA, BONE SPRING SOUTH			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE Lot O 215FSL 2112FEL At top prod interval reported below SWSE Lot O 405FSL 2192FEL At total depth NWNE Lot B 280FNL 2188FEL						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 03/01/2018		15. Date T.D. Reached 03/22/2018		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Plug Back Prod. 05/22/2018		17. Elevations (DF, KB, RT, GL)* 3715 GL			
18. Total Depth: MD TVD		15859 11076		19. Plug Back T.D.: MD TVD		15812		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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	1700		1100		0	0
12.250	9.625 J55	40.0	0	5783		2200		0	0
8.750	5.500 P-110	17.0	0	15859		2500		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	11251	15775	11251 TO 15775				READY TO PRODUCE		
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
11251 TO 15775		FRAC W/1114 BBL HCL ACID 218,673 BBL SLICK WATER 8,918,601 TOTAL PROPPANT							
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
05/23/2018	05/27/2018	24	→	262.0	297.0	1866.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	262	297	1866		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 Gr	
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	
			→						

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

ELECTRONIC SUBMISSION #423244 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	1597		QUATERNARY	0
RUSTLER	1597	1956		RUSTLER	1597
SALADO	1956	3532		SALADO	1956
TANSILL	3329	3813		TANSILL	3329
YATES	3532	3813		YATES	3532
SEVEN RIVERS	3813	5777		SEVEN RIVERS	3813
DELAWARE	5777	8581		DELAWARE	5777
BONE SPRING	8581	15859		BONE SPRING	8581

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 #423244 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 ****