

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 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
-----------------------------	--	---	-----------------------------------	------------------------------------	-------------------------------------

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

HOBBS OCD
JUN 14 2018
RECEIVED

IV. Well Completion Data

²¹ Spud Date 01/07/18	²² Ready Date 6/1/18	²³ TD 15914	²⁴ PBDT 15865	²⁵ Perforations 11289-15815	²⁶ DHIC, MC
²⁷ Hole Size 17 1/2	²⁸ Casing & Tubing Size 13.375 54.50# J55	²⁹ Depth Set 1738	³⁰ Sacks Cement 1325sx 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 6/1/18	³² Gas Delivery Date 6/1/18	³³ Test Date 6/11/18	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 34	³⁹ Water 1070	⁴⁰ Gas 0		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:
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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
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		
14. Date Spudded 11/15/2017			15. Date T.D. Reached 12/11/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/01/2018			17. Elevations (DF, KB, RT, GL)* 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? <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 Cement Depth	No. of Sk. & 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

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
			→					
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

Pending BLM approvals will subsequently be reviewed and scanned

(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 ****

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 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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

BLACK AND TAN 27 FEDERAL COM 301H

2. Name of Operator

APACHE CORPORATION

Contact: ALICIA FULTON

E-Mail: Alicia.fulton@apachecorp.com

9. API Well No.

30-025-44017

3a. Address

303 VETERANS AIRPARK LANE
MIDLAND, TX 79705

3b. Phone No. (include area code)

Ph: 432-818-1088

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 27 T20S R34E SWSW 220FSL 670FWL

11. County or Parish, State

LEA COUNTY, NM

JUN 14 2018

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 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 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