

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 / 12/11/2019
⁴ API Number 30-025-45771	⁵ Pool Name Triste Draw; Bone Spring	⁶ Pool Code 96603
⁷ Property Code 325016	⁸ Property Name Ghost Rider 22 15 Federal Com	⁹ Well Number 204H

II. ¹⁰Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	22	24S	32E		431	South	2210	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
J	15	24S	32E		2579	South	2301	East	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	12/11/2019			

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214984	Plains Marketing LP PO Box 4648 Houston TX 77210-4648	O
195739	Plains Pipeline LP	O
320009	Enlink Midstream Operating LP	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
4/4/2019	12/11/2019	18,087	18,036	11,060-17,960	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1097'	1050 sx Class C		
12-1/4"	9-5/8"	6961'	855 sx Class C ✓		
8-3/4"	7-5/8"	11,723'	1595 sx Class C		
6-3/4"	5-1/2"	18,087'	715 sx Class C / Tbg 2-7/8" 10,321		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
12/11/2019	12/11/2019	12/15/2019	24		
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
	1179	3783	1853		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: <i>Reesa Fisher</i>		OIL CONSERVATION DIVISION Approved by: <i>P. M. ...</i>	
Printed name: Reesa Fisher		Title: <i>L.M.</i>	
Title: Sr Staff Reg Analyst		Approval Date: <i>1/6/2020</i>	
E-mail Address: Reesa.Fisher@apachecorp.com			
Date: 12/17/2019	Phone: 432-818-1062		

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.
NMLC062269A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
GHOST RIDER 22-15 FEDERAL COM 204H9. API Well No.
30-025-45771-00-X110. Field and Pool or Exploratory Area
WILDCAT BONE SPRING11. 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: REESA FISHER
E-Mail: Reesa.Fisher@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-1062

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

Sec 22 T24S R32E SWSE 431FSL 2210FEL
32.196991 N Lat, 103.661125 W Lon**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 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 this well, as follows: (RR 6/4/2019)

10/15/2019 MIRU Frac Fleet and associated equip. Pressure test csg. Begin frac.

10/16/2019-10/23/2019 Perf & frac w/44 stages 11,060-17,990.

Total Sand 16,015,392#

Total Acid 440 BBLs

10/24/2019 WO Drill Out Ops

11/02/2019 MIRU Coil Unit to DO plugs.

11/03/2019-11/04/2019 Drill Out Plugs. Turn over to Production.

11/05/2019 MIRU WL Set packer @ 10,327. RDMO

11/07/2019 Rack pipe - prep to run prod.

11/08/2019 RIH w/307 jts 2-7/8 L-80 tbg w/EOT @ 10,321.

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

Electronic Submission #496744 verified by the BLM Well Information System

For APACHE CORPORATION, sent to the Hobbs

Committed to AFMSS for processing by PRISCILLA PEREZ on 12/20/2019 (20PP0748SE)

Name (Printed/Typed) REESA FISHER

Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/20/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By **ACCEPTED**JONATHON SHEPARD
Title PETROELUM ENGINEER

Date 12/20/2019

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 Hobbs

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #496744 that would not fit on the form

32. Additional remarks, continued

11/11/2019 SD for weather.

11/12/2019 Circ pkr fluid to surf.

11/13/2019 Pressure tested good. RDMO

Submitted First Flow Sundry 12/16/2019.

Revisions to Operator-Submitted EC Data for Sundry Notice #496744

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	STARTUP SR	STARTUP SR
Lease:	NMLC062269A	NMLC062269A
Agreement:		
Operator:	APACHE CORPORATION 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705 Ph: 432-818-1000	APACHE CORPORATION 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705 Ph: 432.818.1000 Fx: 432-818-1190
Admin Contact:	REESA FISHER SR STAFF REGULATORY ANALYST E-Mail: Reesa.Fisher@apachecorp.com Ph: 432-818-1062	REESA FISHER SR STAFF REGULATORY ANALYST E-Mail: Reesa.Fisher@apachecorp.com Ph: 432-818-1062
Tech Contact:	REESA FISHER SR STAFF REGULATORY ANALYST E-Mail: Reesa.Fisher@apachecorp.com Ph: 432-818-1062	REESA FISHER SR STAFF REGULATORY ANALYST E-Mail: Reesa.Fisher@apachecorp.com Ph: 432-818-1062
Location:		
State:	NM	NM
County:	LEA COUNTY	LEA
Field/Pool:	TRISTE DRAW; BONE SPRING	WILDCAT BONE SPRING
Well/Facility:	GHOST RIDER 22 15 FEDERAL COM 204H Sec 22 T24S R32E SWSE 431FSL 2210FEL	GHOST RIDER 22-15 FEDERAL COM 204H Sec 22 T24S R32E SWSE 431FSL 2210FEL 32.196991 N Lat, 103.661125 W Lon

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. NMLC062269A		
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: REESA FISHER E-Mail: Reesa.Fisher@apachecorp.com			8. Lease Name and Well No. GHOST RIDER 22 15 FEDERAL COM 204H		
3. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705			9. API Well No. 30-025-45771		
3a. Phone No. (include area code) Ph: 432-818-1062			10. Field and Pool, or Exploratory TRISTE DRAW; BONE SPRING		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T24S R32E Mer At surface SWSE 431FSL 2210FEL Sec 22 T24S R32E Mer At top prod interval reported below SWSE 431FSL 2210FEL Sec 15 T24S R32E Mer At total depth NWSE 2579FSL 2301FEL			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T24S R32E Mer		
14. Date Spudded 04/04/2019			15. Date T.D. Reached 06/04/2019		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/11/2019			17. Elevations (DF, KB, RT, GL)* 3597 GL		
18. Total Depth: MD TVD 18087			19. Plug Back T.D.: MD TVD 18036		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) (3) TCOMS / MULTIMODE ARRAY SONIC TOOL		
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 J-55	54.5	0	1097		1050		0	
12.250	9.625 HCL-80	40.0	0	6961		855		0	
8.750	7.625 HCP-110	29.7	0	11723		1595		0	
6.750	5.500 CYP-110	20.0	0	18087		715		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	10321							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8786	18087	11060 TO 17960	0.300	1278	PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11060 TO 17990	16,015,392# PROPANT 440 BBL ACID

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
12/11/2019	12/15/2019	24	—▶	1179.0	1853.0	3783.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ▶	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
								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 #496745 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 RUSTLER (T/SALT) BASE OF SALT DELAWARE SAND BONE SPRING	0 1040 4854 4854 8786	1040 4854 4854 8786	ALLUVIUM SALT SALT SANDSTONE MIXED CARBONATE O/G	QUATERNARY RUSTLER BASE SALT DELAWARE BONE SPRING	0 1040 4854 4854 8786

32. Additional remarks (include plugging procedure):
Pilot Hole Well - Orig Hole PBTD @ 10,4601

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 #496745 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Hobbs

Name (please print) REESA FISHER

Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/20/2019

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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