

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

Form C-104
Revised August 1, 2011

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 / 12/11/2019
⁴ API Number 30-025-45773	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 206H

II. ¹⁰Surface Location

Ul or lot no. N	Section 22	Township 24S	Range 32E	Lot Idn	Feet from the 442	North/South Line South	Feet from the 2226	East/West line West	County Lea
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹¹ Bottom Hole Location

UL or lot no. K	Section 15	Township 24S	Range 32E	Lot Idn	Feet from the 2579	North/South line South	Feet from the 1645	East/West line West	County Lea
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12/11/2019	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 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 5/16/2019	²² Ready Date 12/11/2019	²³ TD 18,591	²⁴ PBTD 18,540	²⁵ Perforations 11,004-18,465	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1078'	900 sx Class C		
12-1/4"	9-5/8"	4846'	1200 sx Class C		
8-3/4"	5-1/2"	18,591'	2820 sx Class C		
Tubing	2-7/8"	10,489'			

V. Well Test Data

³¹ Date New Oil 12/11/2019	³² Gas Delivery Date 12/11/2019	³³ Test Date 12/15/2019	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 1320	³⁹ Water 3094	⁴⁰ Gas 1962		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: *Reesa Fisher*

Printed name:
Reesa Fisher

Title:
Sr Staff Reg Analyst

E-mail Address:
Reesa.Fisher@apachecorp.com

Date:
12/17/2019

Phone:
432-818-1062

OIL CONSERVATION DIVISION

Approved by:

P. Martin

Title:

L.M.

Approval Date:

1/20/2020

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

5. Lease Serial No.
NMLC062269A

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: REESA FISHER E-Mail: Reesa.Fisher@apachecorp.com		
3. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705			3a. Phone No. (include area code) Ph: 432-818-1062		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 22 T24S R32E Mer SESW 442FSL 2226FWL At top prod interval reported below Sec 22 T24S R32E Mer Sec 15 T24S R32E Mer At total depth NESW 2579FSL 1645FWL			8. Lease Name and Well No. GHOST RIDER 22 15 FEDERAL COM 206H		
14. Date Spudded 05/16/2019			15. Date T.D. Reached 08/20/2019		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/11/2019			9. API Well No. 30-025-45773		
17. Elevations (DF, KB, RT, GL)* 3594 GL			10. Field and Pool, or Exploratory TRISTE DRAW; BONE SPRING		
11. Sec., T., R., M., or Block and Survey or Area Sec 22 T24S R32E Mer			12. County or Parish LEA COUNTY		
13. State NM			18. Total Depth: MD TVD 18591		
19. Plug Back T.D.: MD TVD 18540			20. Depth Bridge Plug Set: MD TVD		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			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 J-55	54.5	0	1078		900		0	
12.250	9.625 J-55	40.0	0	4846		1200		0	
8.750	5.500 CYP-110	20.0	0	18591		2820		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	10489							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8797	18591	11004 TO 18465	0.300	1260	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11004 TO 18495	16,903,260# PROPANT 450 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	→	1320.0	1962.0	3094.0			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 #496740 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 1030 4847 4847 8797	1030 4847 4847 8797	ALLUVIUM SALT SALT SANDSTONE MIXED CARBONATE O/G	QUATERNARY RUSTLER BASE SALT DELAWARE BONE SPRING	0 1030 4847 4847 8797

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 #496740 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.

**** 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.
NMLC062269A

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.

GHOST RIDER 22-15 FEDERAL COM 206H

2. Name of Operator

APACHE CORPORATION

Contact: REESA FISHER

E-Mail: Reesa.Fisher@apachecorp.com

9. API Well No.

30-025-45773-00-X1

3a. Address

303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 79705

3b. Phone No. (include area code)

Ph: 432-818-1062

10. Field and Pool or Exploratory Area

WILDCAT BONE SPRING

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

Sec 22 T24S R32E SESW 442FSL 2226FWL
32.197010 N Lat, 103.663872 W Lon

11. County or Parish, State

LEA COUNTY, NM

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 this well, as follows: (RR 8/20/2019)

10/04/2019 MIRU Frac Fleet and associated equip. Pressure test csg. Begin frac.

10/05/2019-10/14/2019 Perf & frac w/43 stages 11,004-18,495.

Total Sand 16,903,260#

Total Acid 450 BBLS

10/15/2019 WO Drill Out Ops

10/27/2019-10/28/2019 MIRU Coil Unit to DO plugs.

10/29/2019 RDMO Turn over to Production.

11/01/2019 MIRU WL Set packer @ 10,493. RDWL

11/04/2019 Rack pipe - prep to run prod.

11/05/2019 RIH w/314 jts 2-7/8 L-80 tbg w/EOT @ 10,489.

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

Electronic Submission #496742 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 (20PP0747SE)

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 #496742 that would not fit on the form

32. Additional remarks, continued

11/06/2019 Circ pkr fluid to surface.
11/07/2019 Pressure tested good. RDMO

Submitted First Flow Sundry 12/16/2019.

Revisions to Operator-Submitted EC Data for Sundry Notice #496742

	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 206H Sec 22 T24S R32E SESW 442FSL 2226FWL	GHOST RIDER 22-15 FEDERAL COM 206H Sec 22 T24S R32E SESW 442FSL 2226FWL 32.197010 N Lat, 103.663872 W Lon