

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

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 1000 Midland TX 79705		<sup>2</sup> OGRID Number 873
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 11/20/2019
<sup>4</sup> API Number 30-025-45645	<sup>5</sup> Pool Name Triste Draw; Bone Spring	<sup>6</sup> Pool Code 96603
<sup>7</sup> Property Code 325016	<sup>8</sup> Property Name Ghost Rider 22 15 Federal Com	<sup>9</sup> Well Number 201H

**II. <sup>10</sup>Surface Location**

Ul or lot no. P	Section 22	Township 24S	Range 32E	Lot Idn	Feet from the 400	North/South Line South	Feet from the 676	East/West line East	County Lea
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**<sup>11</sup> Bottom Hole Location**

UL or lot no. I	Section 15	Township 24S	Range 32E	Lot Idn	Feet from the 2589	North/South line South	Feet from the 330	East/West line East	County Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 11/20/2019	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> 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**

<sup>21</sup> Spud Date 5/19/2019	<sup>22</sup> Ready Date 11/20/2019	<sup>23</sup> TD 18,207	<sup>24</sup> PBTB 18,207	<sup>25</sup> Perforations 10,733-18,081	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2"	13-3/8"	1116'	920 sx Class C		
12-1/4"	9-5/8"	4820'	1215 sx Class C		
8-1/2"	5-1/2"	18,207'	2850 sx Class H		
Tubing	2-7/8"	10,112'			

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/20/2019	<sup>32</sup> Gas Delivery Date 11/20/2019	<sup>33</sup> Test Date 11/25/2019	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil 1226	<sup>39</sup> Water 3714	<sup>40</sup> Gas 1965		<sup>41</sup> Test Method P

<sup>42</sup> 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:  
12/11/2019

Phone:  
432-818-1062

OIL CONSERVATION DIVISION

Approved by:

*P. m.*

Title:

*L.m.*

Approval Date:

*12/16/2019*

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			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 SESE 400FSL 676FEL At top prod interval reported below SESE 400FSL 676FEL At total depth NESE 2583FSL 334FEL			8. Lease Name and Well No. GHOST RIDER 22 15 FEDERAL COM 201H		
14. Date Spudded 05/19/2019			9. API Well No. 30-025-45645		
15. Date T.D. Reached 08/30/2019			10. Field and Pool, or Exploratory TRISTE DRAW; BONE SPRING		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/20/2019			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T24S R32E Mer		
18. Total Depth: MD 18207 TVD			12. County or Parish LEA COUNTY		
19. Plug Back T.D.: MD 18207 TVD			13. State NM		
20. Depth Bridge Plug Set: MD TVD			17. Elevations (DF, KB, RT, GL)* 3590 GL		
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	1116			920		0	
12.250	9.625 J-55	40.0	4820			1215		0	
8.500	5.500 P-110RY	20.0	18207			2850		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	10112							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8812	18207	10733 TO 18081	0.300	420	PRODUCING
B)						
C)						
D)						

## 26. Perforation Record

Depth Interval	Amount and Type of Material
10733 TO 18111	14,783,700# PROPANT 650 BBL ACID

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/20/2019	11/22/2019	24	→	1226.0	1965.0	3714.0			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 #495467 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	1055	ALLUVIUM	QUATERNARY	0
RUSTLER (T/SALT)	1055	4876	SALT	RUSTLER	1055
BASE OF SALT	4876	4876	SALT	BASE SALT	4876
DELAWARE SAND	4876	8812	SANDSTONE	DELAWARE	4876
BONE SPRING	8812		MIXED CARBONATE O/G	BONE SPRING	8812

32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (I 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 #495467 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 12/11/2019

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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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 20185. 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 3

**HOBBS OCD**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

DEC 16 2019

8. Well Name and No.

GHOST RIDER 22-15 FEDERAL COM 201H

2. Name of Operator

APACHE CORPORATION

Contact: REESA FISHER

E-Mail: Reesa.Fisher@apachecorp.com

9. API Well No.

30-025-45645-00-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 SESE 400FSL 676FEL  
32.196918 N Lat, 103.656166 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 recomple 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 recomple 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 8/30/2019)

09/23/2019 MIRU Complete Frac Fleet; pressure test csg. Prep to frac.  
09/24/2019-10/03/2019 Perf & Frac w/42 stages 10,733-18,111  
Total Sand 14,783,700#  
Total Acid 650 BBL  
10/04/2019 RDMO WO DOPS  
10/26/2019-10/27/2019 Drill Out Plugs. Turn over to Production.  
10/31/2019 MIRU WL Set packer @ 10,100. RDMO  
11/04/2019 Rack pipe - prep to run prod.  
11/05/2019 RIH w/316 jts 2-7/8 L-80 tbg w/EOT @ 10,112.

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

Electronic Submission #495471 verified by the BLM Well Information System

For APACHE CORPORATION, sent to the Hobbs

Committed to AFMSS for processing by PRISCILLA PEREZ on 12/11/2019 (20PP0636SE)

Name (Printed/Typed) REESA FISHER

Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/11/2019

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

**ACCEPTED**JONATHON SHEPARD  
Title PETROELUM ENGINEER

Date 12/11/2019

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 #495471 that would not fit on the form**

**32. Additional remarks, continued**

11/06/2019 NUWH Circ pkr fluid to surf.  
11/07/2019 Pressure test csg to 500# for 30 min - tested good. RDMO  
Needed Temp Facility Approval while WO Battery to be completed.  
Approval Received 11/15/2019  
12/05/2019 Submitted First Flow Sundry.

# Revisions to Operator-Submitted EC Data for Sundry Notice #495471

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	STARTUP SR	STARTUP SR
Lease:	NMLC062269A	NMLC062269A
Agreement:		
Operator:	APACHE CORPORATION 303 VETERANS AIRPARK LANE 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 201H Sec 22 T24S R32E SESE 400FSL 676FEL	GHOST RIDER 22-15 FEDERAL COM 201H Sec 22 T24S R32E SESE 400FSL 676FEL 32.196918 N Lat, 103.656166 W Lon