

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.
NMLC062269A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
GHOST RIDER 22-15 FEDERAL COM 204H

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back
Other _____

2. Name of Operator
APACHE CORPORATION

Contact: REESA FISHER
E-Mail: Reesa.Fisher@apachecorp.com

3. Address 303 VETERANS AIRPARK LANE SUITE 3000
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)*
Sec 22 T24S R32E Mer NMP
At surface SWSE 431FSL 2210FEL 32.196991 N Lat, 103.661125 W Lon
Sec 22 T24S R32E Mer NMP
At top prod interval reported below SWSE 431FSL 2210FEL
Sec 15 T24S R32E Mer NMP
At total depth NWSE 2579FSL 2301FEL

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 NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
04/04/2019

15. Date T.D. Reached
06/04/2019

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/11/2019

17. Elevations (DF, KB, RT, GL)*
3597 GL

18. Total Depth: MD 18087
TVD

19. Plug Back T.D.: MD 18036
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
(3) TCOMS MULTIMODE ARRAYS

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ 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	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	0.000	1278	PRODUCING
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
11060 TO 17960	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	
			→	1179	1853	3783		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

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

Kz

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
AVALON	0	1040	ALLUVIUM	AVALON	0
RUSTLER	1040	4854	SALT	RUSTLER	1040
BASE OF SALT	4854	4854	SALT	BASE OF SALT	4854
DELAWARE	4854	8786	SANDSTONE	DELAWARE	4854
BONE SPRING	8786		MIXED CARBONATE O/G	BONE SPRING	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

Committed to AFMSS for processing by DEBORAH HAM on 01/14/2020 (20DMH0028SE)

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #496745

	Operator Submitted	BLM Revised (AFMSS)
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
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
Well Name: Number:	GHOST RIDER 22 15 FEDERAL COM 204H	GHOST RIDER 22-15 FEDERAL COM 204H
Location: State: County: S/T/R: Surf Loc:	NM LEA COUNTY Sec 22 T24S R32E Mer SWSE 431FSL 2210FEL	NM LEA Sec 22 T24S R32E Mer NMP SWSE 431FSL 2210FEL 32.196991 N Lat, 103.661125 W Lon
Field/Pool:	TRISTE DRAW; BONE SPRING	TRISTE DRAW-BONE SPRING
Logs Run:	(3) TCOMS / MULTIMODE ARRAY SONIC TOOL	(3)TCOMS MULTIMODEARRAYS
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	QUATERNARY RUSTLER (T/SALT) BASE OF SALT DELAWARE SAND BONE SPRING	AVALON RUSTLER BASE OF SALT DELAWARE BONE SPRING
Markers:	QUATERNARY RUSTLER BASE SALT DELAWARE BONE SPRING	AVALON RUSTLER BASE OF SALT DELAWARE BONE SPRING