

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 10 2020

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

Case Serial No.
NMNM06764

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

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator: XTO ENERGY
Contact: CHERYL ROWELL
E-Mail: cheryl_rowell@xtoenergy.com

3. Address: 6401 HOLIDAY HILL, BLDG 5
MIDLAND, TX 79707
3a. Phone No. (include area code): Ph: 432-218-3754

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: Sec 22 T19S R30E Mer NMP
NWSE 1330FSL 2320FEL 32.642268 N Lat, 103.958771 W Lon
At top prod interval reported below: NESE 1788FSL 376FEL 32.629007 N Lat, 103.952456 W Lon
Sec 34 T19S R34E Mer NMP
At total depth: SWSW 15FSL 428FWL 32.609628 N Lat, 103.952620 W Lon

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. BUTTERCUP 27-34 FEDERAL 4H

9. API Well No. 30-015-45136

10. Field and Pool, or Exploratory HACKBERRY;BONE SPRING, NW

11. Sec., T., R., M., or Block and Survey or Area Sec 22 T19S R30E Mer NMP

12. County or Parish EDDY 13. State NM

14. Date Spudded 01/21/2019 15. Date T.D. Reached 05/20/2019 16. Date Completed D & A Ready to Prod. 10/29/2019 17. Elevations (DF, KB, RT, GL)* 3294 GL

18. Total Depth: MD 19460 TVD 8535 19. Plug Back T.D.: MD 19458 TVD 8535 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RCB/GR/CCL 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
26.000	18.625 J-55	87.5	0	485		1310		0	53
17.500	13.375 J-55	54.5	0	1540		2315		0	183
12.250	9.625 J-55	40.0	0	4070		940		0	89
8.750	5.500 HCP-110	20.0	0	19460		2857		0	195

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	7158	7150						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	6156	8535	12402 TO 19325	4.000	1680	ACTIVE/PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12402 TO 19325	781,456 BBLS FLUID, 17,725,641 LBS PROPPANT

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
10/29/2019	12/04/2019	24	→	804.0	944.0	995.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	161	1135.0	→	804	944	995		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	
	SI		→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #501967 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
RUSTLER	235	495		RUSTLER	238
TOP SALT	495	1494		TOP SALT	498
BASE SALT	1494	2308		BASE SALT	1497
CAPITAN REEF	2308	4086		CAPITAN REEF	2308
DELAWARE	4086	4578	SS; OIL, WTR, GAS	DELAWARE	4086
CHERRY CANYON	4578	5940	SS; OIL, WTR, GAS	CHERRY CANYON	4578
BRUSHY CANYON	5940	6153	SS; OIL, WTR, GAS	BRUSHY CANYON	5936
BONE SPRING	6153	8535	SS, LS, SH; OIL, WTR, GAS	BONE SPRING	6149

32. Additional remarks (include plugging procedure):
KOP 12,402' MD

PBTD = top of float shoe @ 19458 ft.

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 #501967 Verified by the BLM Well Information System.
For XTO ENERGY, sent to the Carlsbad**

Name (please print) CHERYL ROWELL Title REGULATORY COORDINATOR

Signature (Electronic Submission) Date 02/04/2020

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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