

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease 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 _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.
BUTTERCUP 27-34 FEDERAL 1H

3. Address 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707
 3a. Phone No. (include area code) Ph: 432.218-3754

9. API Well No.
30-015-45133-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Sec 22 T19S R30E Mer NMP NWSE 1329FSL 2410FEL 32.642268 N Lat, 103.959064 W Lon
 At top prod interval reported below Sec 27 T19S R30E Mer NMP NWSW 1984FSL 388FWL 32.629567 N Lat, 103.967141 W Lon
 At total depth Lot 4 7FNL 442FWL 32.609590 N Lat, 103.966971 W Lon

10. Field and Pool, or Exploratory
HACKBERRY-BONE SPRING

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 02/08/2019
 15. Date T.D. Reached 03/21/2019
 16. Date Completed D & A Ready to Prod. 10/10/2019

17. Elevations (DF, KB, RT, GL)*
3296 GL

18. Total Depth: MD 19370 TVD 8527
 19. Plug Back T.D.: MD 19368 TVD 8527
 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	495		1310		0	26
17.500	13.375 J-55	54.5	0	1540		1875		0	85
12.250	9.625 J-55	40.0	0	4046		1040		0	15
8.750	5.500 HCP-110	20.0	0	19370		2970		0	148

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	6840							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	6149	8527	12311 TO 19235	4.000	1632	ACTIVE/PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12311 TO 19235	774,201 BBLS FLUID, 17,253,040 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
10/25/2019	11/16/2019	24	→	948.0	909.0	1372.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	171	1141.0	→	948	909	1372		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.	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 #502631 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

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	230	490		RUSTLER	233
TOP SALT	490	1489		TOP SALT	493
BASE OF SALT	1489	2301		BASE OF SALT	1492
CAPITAN REEF	2301	4079		CAPITAN REEF	2304
DELAWARE	4079	4571	SS; OIL, WTR, GAS	DELAWARE	4082
CHERRY CANYON	4571	5933	SS; OIL, WTR, GAS	CHERRY CANYON	4574
BRUSHY CANYON	5933	6145	SS; OIL, WTR, GAS	BRUSHY CANYON	5936
BONE SPRING	6145	8527	SS, LS, SH; OIL, WTR, GAS	BONE SPRING	6149

32. Additional remarks (include plugging procedure):
KOP 6432' MD

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 #502631 Verified by the BLM Well Information System.
For XTO ENERGY INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by VIOLETA BURKE on 05/28/2020 (20VB0278SE)**

Name (please print) CHERYL ROWELL Title REGULATORY COORDINATOR

Signature _____ (Electronic Submission) Date 02/10/2020

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.

Revisions to Operator-Submitted EC Data for Well Completion #502631

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM06764	NMNM06764
Agreement:		
Operator:	XTO ENERGY 6401 HOLIDAY HILL, BLDG 5 MIDLAND, TX 79707 Ph: 432-218-3754	XTO ENERGY INCORPORATED 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707 Ph: 432.683 2277
Admin Contact:	CHERYL ROWELL REGULATORY COORDINATOR E-Mail: cheryl_rowell@xtoenergy.com Ph: 432-218-3754	CHERYL ROWELL REGULATORY COORDINATOR E-Mail: Cheryl_rowell@xtoenergy.com Ph: 432.218-3754
Tech Contact:	CHERYL ROWELL REGULATORY COORDINATOR E-Mail: cheryl_rowell@xtoenergy.com Ph: 432-218-3754	CHERYL ROWELL REGULATORY COORDINATOR E-Mail: Cheryl_rowell@xtoenergy.com Ph: 432.218-3754
Well Name: Number:	BUTTERCUP 27-34 FEDERAL 1H	BUTTERCUP 27-34 FEDERAL 1H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 22 T19S R30E Mer NMP	Sec 22 T19S R30E Mer NMP
Surf Loc:	NWSE 1329FSL 2410FEL 32.642268 N Lat, 103.959064 W Lon	NWSE 1329FSL 2410FEL 32.642268 N Lat, 103.959064 W Lon
Field/Pool:	HACKBERRY;BONE SPRING, NW	HACKBERRY-BONE SPRING
Logs Run:	RCB/GR/CCL	RCB GR CCL
Producing Intervals - Formations:	BONE SPRING	BONE SPRING
Porous Zones:	RUSTLER TOP SALT BASE SALT CAPITAN REEF DELAWARE CHERRY CANYON BRUSHY CANYON BONE SPRING	RUSTLER TOP SALT BASE OF SALT CAPITAN REEF DELAWARE CHERRY CANYON BRUSHY CANYON BONE SPRING
Markers:	RUSTLER TOP SALT BASE SALT CAPITAN REEF DELAWARE CHERRY CANYON BRUSHY CANYON BONE SPRING	RUSTLER TOP SALT BASE OF SALT CAPITAN REEF DELAWARE CHERRY CANYON BRUSHY CANYON BONE SPRING