

State of New Mexico  
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham  
Governor

Sarah Cottrell Propst  
Cabinet Secretary

Todd E. Leahy, JD, PhD  
Deputy Secretary

Adrienne Sandoval, Division Director  
Oil Conservation Division



4/1/20 Notice of C-104 Denial  
and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

Test Allowable New Well and Recompleted Well Amend C104

- ☐ C-103 (or BLM equivalent) for all casing strings
  - ☐ Spud Notice
  - ☐ Surface Casing
  - ☐ Intermediate Casing (if applicable)
  - ☐ Additional Intermediate Casing (if applicable)
  - ☐ Production Casing or Liner

Please see  
attached.

☐ Applicable Order (NSL, NSP, Other \_\_\_\_\_)

☐ Deviation Survey for Vertical Wells

☐ Directional Survey

☒ C-102 (As-Drilled Plat for Horizontal Well)

check footages SHL  
different from  
last C-102

New Well and Recompleted Well Only

☒ C-103 Completion Sundry (or BLM equivalent)

missing in well files

☒ C-105 Completion Report (or BLM equivalent)

Amend

☐ All Logs Run on Well

If you have any questions please contact the local OCD District Office

Amended complete electronically submit in e-docs  
1220 South St. Francis Drive • Santa Fe, New Mexico 87505  
Phone (505) 476-3460 • Fax (505) 476-3462 • www.emnrd.state.nm.us/oed  
Thank you

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

RECEIVED

FEB 10 2020

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address XTO Energy Inc. 6401 Holiday Hill Rd., Bldg 5 Midland, TX 79707		<sup>2</sup> OGRID Number 005380
		<sup>3</sup> Reason for Filing Code/ Effective Date New Well
<sup>4</sup> API Number 30-015-45134	<sup>5</sup> Pool Name HACKBERRY; BONE SPRING, NW	<sup>6</sup> Pool Code 97020
<sup>7</sup> Property Code 322180	<sup>8</sup> Property Name BUTTERCUP 27-34 FEDERAL	<sup>9</sup> Well Number 2H

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

UL or lot no. J	Section 22	Township 19S	Range 30E	Lot Idn	Feet from the 1329	North/South Line South	Feet from the 2380	East/West line East	County Eddy
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<sup>11</sup> Bottom Hole Location

UL or lot no. N	Section 34	Township 19S	Range 30E	Lot Idn	Feet from the 207	North/South line South	Feet from the 1834	East/West line West	County Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date	<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
248440	Western Refining Company, LP	O
373785	Summit Midstream Permian, LLC	G

IV. Well Completion Data

<sup>21</sup> Spud Date 11/04/18	<sup>22</sup> Ready Date 10/10/19	<sup>23</sup> TD 19282	<sup>24</sup> PBTD 19280	<sup>25</sup> Perforations 12217-19140	<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		
26	18 5/8	449	1273		
17 1/2	13 3/8	1540	2742		
12 1/4	9 5/8	4079	860		
8 3/4	5 1/2	19282	2910		
	* 2.875	7324			

V. Well Test Data

<sup>31</sup> Date New Oil 10/27/19	<sup>32</sup> Gas Delivery Date 10/27/19	<sup>33</sup> Test Date 11/23/19	<sup>34</sup> Test Length 24 hrs	<sup>35</sup> Tbg. Pressure 173	<sup>36</sup> Csg. Pressure 1146
<sup>37</sup> Choke Size	<sup>38</sup> Oil 1250	<sup>39</sup> Water 1436	<sup>40</sup> Gas 597		<sup>41</sup> Test Method Gas Lift

<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: Cheryl Rowell

Printed name:  
CHERYL ROWELL

Title:  
REGULATORY COORDINATOR

E-mail Address:  
CHERYL.ROWELL@XTOENERGY.COM

Date: 02/04/20 Phone: 432-218-3754

40 OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

DENIED

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FEB 10 2020

Form 3160-4  
(August 2007)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

MINRD-OCD ARTESIA

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. NMNM06764		
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 XTO ENERGY			7. Unit or CA Agreement Name and No.		
Contact: CHERYL ROWELL E-Mail: cheryl_rowell@xtoenergy.com			8. Lease Name and Well No. BUTTERCUP 27-34 FEDERAL 2H		
3. Address 6401 HOLIDAY HILL, BLDG 5 MIDLAND, TX 79707			9. API Well No. 30-015-45134		
3a. Phone No. (include area code) Ph: 432-218-3754			10. Field and Pool, or Exploratory HACKBERRY; BONE SPRING, NW		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T19S R30E Mer NMP At surface NWSE 1329FSL 2410FEL 32.642268 N Lat, 103.958966 W Lon Sec 27 T19S R30E Mer NMP At top prod interval reported below NESW 1988FSL 1827FWL 32.629573 N Lat, 103.962468 W Lon Sec 34 T19S R30E Mer NMP At total depth SESW 207FSL 1834FWL 32.610170 N Lat, 103.962449 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 22 T19S R30E Mer NMP		
14. Date Spudded 11/04/2018			15. Date T.D. Reached 12/28/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/26/2019			17. Elevations (DF, KB, RT, GL)* 3297 GL		
18. Total Depth: MD 19282 TVD 8501			19. Plug Back T.D.: MD 19280 TVD 8501		
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? <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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	18.625 J-55	87.5	0	499		1273		0	145
17.500	13.375 J-55	54.5	0	1540		2742		0	240
12.250	9.625 J-55	40.0	0	4079		860		0	45
8.750	5.500 CYP-110	20.0	0	19282		2910		0	126

## 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	7324	7397						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	6145	8501	12217 TO 19140	4.000	1680	ACTIVE/PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12217 TO 19140	781,361 BBLS FLUID, 17,645,149 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
10/27/2019	11/23/2020	24	→	1250.0	597.0	1436.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	173	1146.0	→	1250	597	1436		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 #501706 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	230	490		RUSTLER	233
TOP SALT	490	1489		TOP SALT	493
BASE SALT	1489	2301		BASE 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	8501	SS, LS, SH; OIL, WTR, GAS	BONE SPRING	6149

32. Additional remarks (include plugging procedure):  
KOP 7080' 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 #501706 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 01/31/2020

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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