

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



Operator Notice Regarding  
C-104 Denial and Request for Information

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, New Well and Recompleted Well

*Amend - C-104*

*30-015-43283*

- ☐ 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

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

☐ Deviation Survey for Vertical Wells

☒ Directional Survey *CERTIFIED*

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

New Well and Recompleted Well Only

☒ C-103 Completion Sundry (or BLM equivalent)

☒ C-105 Completion Report (or BLM equivalent)

☐ All Logs Run on Well

*PBTD missing? Please  
Amend.  
AMEND & send us ACCEPTED  
BY BLM COPY.*

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. If OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

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

RECEIVED

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

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

NOV 15 2019  
DISTRICT IV-ARTESIA O.C.D.

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 Permian Operating, LLC 6401 Holiday Hill Rd, Bldg 5 Midland, TX 79707		<sup>2</sup> OGRID Number 373075	
		<sup>3</sup> Reason for Filing Code/ Effective Date NW	
<sup>4</sup> API Number 30 - 0 15-43283	<sup>5</sup> Pool Name Gatuna Canyon; Bone Spring		<sup>6</sup> Pool Code 96688
<sup>7</sup> Property Code 325503	<sup>8</sup> Property Name Big Eddy Unit DI4		<sup>9</sup> Well Number 268H

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

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	5	20S	31E		1840	South	2055	East	Eddy

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	4	20S	31E		1929	South	13	West	Eddy
<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<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
273222	GREAT LAKES PET TRANS LLC	O
151618	ENTERPRISE FIELD SERVICES	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 05/02/19	<sup>22</sup> Ready Date 08/27/19	<sup>23</sup> TD 16126	<sup>24</sup> PBTD	<sup>25</sup> Perforations 9190-15991	<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
20		16		688	950
14.75		11.75		2515	1288
10.625		8.625		4238	1515
7.875		5.5		16116	1424

**V. Well Test Data**

<sup>31</sup> Date New Oil 9/10/19	<sup>32</sup> Gas Delivery Date 9/10/19	<sup>33</sup> Test Date 10/17/19	<sup>34</sup> Test Length 24 hr	<sup>35</sup> Tbg. Pressure 140	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size	<sup>38</sup> Oil 735	<sup>39</sup> Water 1757	<sup>40</sup> Gas 529		<sup>41</sup> Test Method

<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:  
11/12/19

Phone:  
432-571-8205

Approved by:

Title:

Approval

OIL CONSERVATION DIVISION

**DENIED**

See Attached Cover Sheet

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOV 15 2019

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
DISTRICT # 125-160-CD5. Lease Serial No.  
NMNM045571a. 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 ENERGYContact: CHERYL ROWELL  
E-Mail: Cheryl\_rowell@xtoenergy.com8. Lease Name and Well No.  
BIG EDDY UNIT D14 268H3. Address 6401 HOLIDAY HILL, BLDG 5  
MIDLAND, TX 797073a. Phone No. (include area code)  
Ph: 432.571.82059. API Well No.  
30-015-43283

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

Sec 5 T20S R31E Mer NMP

At surface NWSE 1840FSL 2055FEL 32.600292 N Lat, 103.889446 W Lon

Sec 5 T20S R31E Mer NMP

At top prod interval reported below NWSE 1862FSL 1652FEL 32.600340 N Lat, 103.888139 W Lon

Sec 4 T20S R31E Mer NMP

At total depth NESE 1929FSL 13FEL 32.600497 N Lat, 103.865660 W Lon

10. Field and Pool, or Exploratory  
GATUNA CANYON; BONE SPRING11. Sec., T., R., M., or Block and Survey  
or Area Sec 5 T20S R31E Mer NMP12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
05/02/201915. Date T.D. Reached  
05/24/201916. Date Completed  
☐ D & A ☒ Ready to Prod.  
08/26/201917. Elevations (DF, KB, RT, GL)\*  
3466 GL18. Total Depth: MD  
TVD 1612619. Plug Back T.D. ? MD  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
RCB/GR/CCL22. 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
20.000	16.000 N-80	84.0	0	688		950		0	
14.750	11.750 J-55	47.0	0	2515		1288		0	
10.500	8.625 J-55	32.0	0	4238		1515		0	
7.875	5.500 CYP-110	17.0	0	16116		1424		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	8131	8399						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
GATUNA CANYON; BONE SPRING	9190	15991	9190 TO 15991	4.000	1680	ACTIVE/PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9190 TO 15991	12549914 GALS SLICKWATER, 1,000 GALS ACID, 16651494 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
09/10/2019	10/17/2019	24	→	735.0	529.0	1757.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 140 SI	Csg. Press. 100.0	24 Hr. Rate →	Oil BBL 735	Gas MCF 529	Water BBL 1757	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 #491996 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	551	809	SILT STONE; WTR	RUSTLER	551
SALADO	809	2311		SALADO	809
BASE SALT	2311	2916	SALT	BASE SALT	2311
CAPITAN REEF	2916	4276	LS; WTR	CAPITAN REEF	2916
DELAWARE	4276	4473	SS;WTR, OIL, GAS	DELAWARE	4276
CHERRY CANYON	4473	5372	SS; WTR, OIL, GAS	CHERRY CANYON	4473
BASAL BRUSHY CANYON	5372	6955	SS; WTR, OIL, GAS	BASAL BRUSHY CANYON	5372
BONE SPRING	6955		SS; WTR, OIL, GAS	BONE SPRING	6955

32. Additional remarks (include plugging procedure):  
KOP = 8444

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
5. Sundry Notice for plugging and cement verification

2. Geologic Report
6. Core Analysis

3. DST Report
4. Directional Survey
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 #491996 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 11/12/2019

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.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*