

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



## 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

30-D15-43284  
Amend C-104

- ☐ 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

SUBMIT,  
GAS CAPTURE PLAN

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

☐ Deviation Survey for Vertical Wells

☒ Directional Survey **CERTIFIED REQUIRED**  
☐ 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

AMEND to show  
PBTD and dates  
AMEND & SUBMIT ACCEPTED  
COPY FROM BLM.

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 DISTRICT IV-ARTESIA O.C.D. copy to appropriate District Office  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

☒ 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 15-43284	<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 D14		<sup>9</sup> Well Number 267H

**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	2095	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
6	6	20S	31E		1925	South	34	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 04/05/19	<sup>22</sup> Ready Date 08/27/19	<sup>23</sup> TD 17170	<sup>24</sup> PBTD	<sup>25</sup> Perforations 9442-17043	<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	690	703		
14.75	11.75	2474	1280		
10.625	8.625	4264	1128		
7.875	5.5	17170	1754		

**V. Well Test Data**

<sup>31</sup> Date New Oil 9/6/19	<sup>32</sup> Gas Delivery Date 10/8/19	<sup>33</sup> Test Date 10/17/19	<sup>34</sup> Test Length 24 hr	<sup>35</sup> Tbg. Pressure 220	<sup>36</sup> Csg. Pressure
<sup>37</sup> Choke Size 679	<sup>38</sup> Oil	<sup>39</sup> Water 1736	<sup>40</sup> Gas 513		<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

OIL CONSERVATION DIVISION

**DENIED**

See Attached Cover Sheet

Approved by:

Title:

Approval Date:

A Certified Directional Survey should be submitted as required by NMOCD Rule 19.15.16.14 NMAC

RECEIVED

NOV 18 2019

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DISTRICT 7 - ARTESIA O.C.D.

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM04557

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator XTO PERMIAN OPERATING, LLC Contact: CHERYL ROWELL E-Mail: Cheryl_rowell@xtoenergy.com			8. Lease Name and Well No. BIG EDDY UNIT D14 267H		
3. Address 6401 HOLIDAY HILL, BLDG 5 MIDLAND, TX 79707			9. API Well No. 30-015-43284		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 5 T20S R31E Mer NMP NESW 1840FSL 2095FEL 32.600293 N Lat, 103.889578 W Lon At top prod interval reported below Sec 5 T20S R31E Mer NMP NESW 1862FSL 1652FEL 32.600315 N Lat, 103.891810 W Lon At total depth NWSW 1925FSL 34FEL 32.600527 N Lat, 103.916883 W Lon			10. Field and Pool, or Exploratory GATUNA CANYON; BONE SPRING		
14. Date Spudded 04/05/2019			11. Sec., T., R., M., or Block and Survey or Area Sec 5 T20S R31E Mer NMP		
15. Date T.D. Reached 04/29/2019			12. County or Parish EDDY		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/26/2019			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3465 GL					
18. Total Depth: MD 17170 TVD 8894			19. Plug Back T.D.: MD TVD ?		
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
20.000	16.000 N-80	84.0	0	690		703		0	
14.750	11.750 J-55	47.0	0	2474		1280		0	
10.500	8.625 J-55	32.0	0	4264		1128		0	
7.875	5.500 HCP-110	17.0	0	17170		1754		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	8390	8374						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
GATUNA CANYON; BONE SPRING	9442	17043	9442 TO 17043	4.000	1872	ACTIVE/PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9442 TO 17043	14,389,717 GALS SLICKWATER, 1,000 GALS ACID, 19,137,728 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
09/06/2019	10/17/2019	24	→	679.0	513.0	1736.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	220	100.0	→	679	512	1736		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	Thg. 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 #492226 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	543	814	SILT STONE; WTR	RUSTLER	543
SALADO	814	2311		SALADO	814
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 = 8414

## 33. Circle enclosed attachments:

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

2. Geologic Report  
6. Core Analysis

3. DST Report  
7. Other:  
4. Directional Survey

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 #492226 Verified by the BLM Well Information System.  
For XTO PERMIAN OPERATING, LLC, sent to the Carlsbad

Name (please print) CHERYL ROWELL

Title REGULATORY COORDINATOR

Signature (Electronic Submission)

Date 11/13/2019

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 \*\***