

FORM  
2

Rev  
08/19

# State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401972082

**(SUBMITTED)**

Date Received:

10/07/2019

### APPLICATION FOR PERMIT TO:

Drill       Deepen       Re-enter       Recomplete and Operate

TYPE OF WELL    OIL     GAS     COALBED     OTHER: \_\_\_\_\_

Refiling

ZONE TYPE    SINGLE ZONE     MULTIPLE ZONES     COMMINGLE ZONES

Sidetrack

Well Name: RNPU      Well Number: 197-3A2H

Name of Operator: XTO ENERGY INC      COGCC Operator Number: 100264

Address: 110 W 7TH STREET

City: FORTH WORTH      State: TX      Zip: 76102

Contact Name: ALICE YAUGER      Phone: (817)378-5312      Fax: ( )

Email: ALICE\_YAUGER@XTOENERGY.COM

### RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID: \_\_\_\_\_

### WELL LOCATION INFORMATION

QtrQtr: SWSE      Sec: 3      Twp: 1S      Rng: 97W      Meridian: 6

Latitude: 39.988490      Longitude: -108.266866

	FNL/FSL		FEL/FWL
Footage at Surface: <u>762</u> Feet	FSL	<u>2220</u> Feet	FEL

Field Name: PICEANCE CREEK      Field Number: 68800

Ground Elevation: 6451      County: RIO BLANCO

#### GPS Data:

Date of Measurement: 02/27/2019    PDOP Reading: 1.8    Instrument Operator's Name: DAYTON SLAUGH, D.P.

If well is  Directional       Horizontal (highly deviated)      **submit deviated drilling plan.**

Footage at Top of Prod Zone:	FNL/FSL		FEL/FWL	Bottom Hole:	FNL/FSL		FEL/FWL
<u>1129</u>	FSL	<u>1609</u>	FEL	<u>700</u>	FNL	<u>1338</u>	FWL
Sec: <u>3</u>	Twp: <u>1S</u>	Rng: <u>97W</u>	Sec: <u>1</u>	Twp: <u>1S</u>	Rng: <u>97W</u>		

### LOCAL GOVERNMENT INFORMATION

County: RIO BLANCO      Municipality: N/A

Per § 34-60-106 (1)(f)(I)(A), the following questions pertain to the "local government with jurisdiction to approve the siting of the proposed oil and gas location."

The local government with jurisdiction is: County

Does the local government with jurisdiction regulate the siting of Oil and Gas Locations, with respect to this COGCC application? If the local government has waived its right to precede the COGCC in siting determination, indicate by selecting "NO" here and selecting "Waived" below.       Yes  No

If yes, in checking this box, I hereby certify that an application has been filed with the local government with jurisdiction to approve the siting of the proposed oil and gas location.     

The local government siting permit type is: SUBP

The local government siting permit was filed on: 09/23/2019

The disposition of the application filed with the local government is: Approved

Additional explanation of local process:

The county permit was approved on 9/25/2019. The application includes drafts of the COGCC and BLM permit applications. Once both agencies approve the permit applications a copy of the approved permits will be sent to Rio Blanco County for their records. A copy of the approved county permit (File Name "RNPU 197-3A2H Appr RBC Well Permit App 092519" is attached under "OTHER" description.

LOCATION SURFACE & MINERALS & RIGHT TO CONSTRUCT

Surface Ownership:  Fee  State  Federal  Indian

The Surface Owner is:  is the mineral owner beneath the location.
(check all that apply)  is committed to an Oil and Gas Lease.
 has signed the Oil and Gas Lease.
 is the applicant.

The Mineral Owner beneath this Oil and Gas Location is:  Fee  State  Federal  Indian

The Minerals beneath this Oil and Gas Location will be developed by this Well: Yes

The right to construct the Oil and Gas Location is granted by: oil and gas lease

Surface damage assurance if no agreement is in place: Surface Surety ID:

LEASE INFORMATION

Using standard QtrQtr, Sec, Twp, Rng format, describe one entire mineral lease that will be produced by this well (Describe lease beneath surface location if produced. Attach separate description page or map if necessary.)

Township 1S, Range 97W
All of Sections 5 & 4;
NWNW, NENW, SWNW, SENW, SWNE, SESE, NESW, NWSE, NENE, SWSE, SESE of Section 3;
NE 1/4 of Section 10
This wellbore crosses and will produce multiple leases.

Total Acres in Described Lease: 2528 Described Mineral Lease is:  Fee  State  Federal  Indian

Federal or State Lease # COC061713

Distance from Completed Portion of Wellbore to Nearest Lease Line of described lease: 0 Feet

CULTURAL DISTANCE INFORMATION

Distance to nearest:

- Building: 5280 Feet
Building Unit: 5280 Feet
High Occupancy Building Unit: 5280 Feet
Designated Outside Activity Area: 5280 Feet
Public Road: 4400 Feet
Above Ground Utility: 5280 Feet
Railroad: 5280 Feet
Property Line: 3542 Feet
School Facility: 5280 Feet
School Property Line: 5280 Feet
Child Care Center: 5280 Feet

INSTRUCTIONS:
- All measurements shall be provided from center of the Proposed Well to nearest of each cultural feature as described in Rule 303.a.(5).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit, High Occupancy Building Unit, Designated Outside Activity Area, School Facility, and Child Care Center - as defined in 100 Series Rules.

**DESIGNATED SETBACK LOCATION INFORMATION**

Check all that apply. This location is within a:  Buffer Zone  
 Exception Zone  
 Urban Mitigation Area

- Buffer Zone – as described in Rule 604.a.(2), within 1,000' of a Building Unit  
 - Exception Zone - as described in Rule 604.a.(1), within 500' of a Building Unit.  
 - Urban Mitigation Area - as defined in 100-Series Rules.

Pre-application Notifications (required if location is within 1,000 feet of a building unit):

Date of Rule 305.a.(1) Urban Mitigation Area Notification to Local Government: \_\_\_\_\_

Date of Rule 305.a.(2) Buffer Zone Notification to Building Unit Owners: \_\_\_\_\_

**SPACING and UNIT INFORMATION**

Distance from completed portion of proposed wellbore to nearest completed portion of offset wellbore permitted or completed in the same formation: 5280 Feet

Distance from Completed Portion of Wellbore to Nearest Unit Boundary 4514 Feet (Enter 5280 for distance greater than 1 mile.)

Federal or State Unit Name (if appl): REV NORTH PICEA Unit Number: 077039X

**SPACING & FORMATIONS COMMENTS**

\_\_\_\_\_

If this Form 2 is associated with a Drilling and Spacing Unit application, provide docket number: \_\_\_\_\_

**OBJECTIVE FORMATIONS**

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
FORT UNION	FTUN			
GARDEN GULCH	GDNG			
ILES	ILES	1-229		
WASATCH	WSTC			
WILLIAMS FORK	WMFK	1-229		

## DRILLING PROGRAM

Proposed Total Measured Depth: 22085 Feet

Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:

Enter distance if less than or equal to 1,500 feet: \_\_\_\_\_ Feet  No well belonging to another operator within 1,500 feet

Will a closed-loop drilling system be used? Yes

Is H<sub>2</sub>S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No (If Yes, attach an H<sub>2</sub>S Drilling Operations Plan)

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? Yes

Will oil based drilling fluids be used? No

BOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None

## GROUNDWATER BASELINE SAMPLING AND MONITORING AND WATER WELL SAMPLING

Water well sampling required per Rule 609

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Methods: Commercial Disposal

Cuttings Disposal: OFFSITE Cuttings Disposal Method: Other

Other Disposal Description:

Offsite Commercial Disposal and/or Onsite Beneficial Reuse for cuttings that meet COGCC table 910-1 standards.

Beneficial reuse or land application plan submitted? \_\_\_\_\_

Reuse Facility ID: \_\_\_\_\_ or Document Number: \_\_\_\_\_

## CASING PROGRAM

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24+0/0	20+0/0	.45	0	120	100	120	0
SURF	17+1/2	13+3/8	68	0	4950	2020	4950	0
1ST	12+1/4	9+5/8	40	0	11000	1040	11000	4450
2ND	8+3/4	7+0/0	32	0	12258	220	12258	10500
2ND LINER	6+0/0	4+1/2	15.1	10800	22085	350	22085	11900

Conductor Casing is NOT planned

## DESIGNATED SETBACK LOCATION EXCEPTIONS

Check all that apply:

- Rule 604.a.(1)A. Exception Zone (within 500' of Building Unit)
- Rule 604.b.(1)A. Exception Location (existing or approved Oil & Gas Location now within a Designated Setback as a result of Rule 604.a.)
- Rule 604.b.(1)B. Exception Location (existing or approved Oil & Gas Location is within a Designated Setback due to Building Unit construction after Location approval)
- Rule 604.b.(2) Exception Location (SUA or site-specific development plan executed on or before August 1, 2013)
- Rule 604.b.(3) Exception Location (Building Units constructed after August 1, 2013 within setback per an SUA or site-specific development plan)

## GREATER WATTENBERG AREA LOCATION EXCEPTIONS

Check all that apply:

- Rule 318A.a. Exception Location (GWA Windows).
- Rule 318A.c. Exception Location (GWA Twinning).

**RULE 502.b VARIANCE REQUEST**

Rule 502.b. Variance Request from COGCC Rule or Spacing Order Number \_\_\_\_\_

**OTHER LOCATION EXCEPTIONS**

Check all that apply:

Rule 318.c. Exception Location from Rule or Spacing Order Number \_\_\_\_\_

Rule 603.a.(2) Exception Location (Property Line Setback).

ALL exceptions and variances require attached Request Letter(s). Refer to applicable rule for additional required attachments (e.g. waivers, certifications, SUAs).

**OPERATOR COMMENTS AND SUBMITTAL**

Comments

This application is in a Comprehensive Drilling Plan \_\_\_\_\_ CDP #: \_\_\_\_\_

Location ID: 316551

Is this application being submitted with an Oil and Gas Location Assessment application? Yes

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: ALICE YAUGER

Title: PERMITTING ANALYST Date: 10/7/2019 Email: ALICE\_YAUGER@XTOENER

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

**API NUMBER**  
05

**Conditions Of Approval**

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

<u>COA Type</u>	<u>Description</u>

## Best Management Practices

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>
1	Construction	<p>-A Field Wide Stormwater Management Plan (SWMP) for the Piceance Creek Program is on file at the XTO Energy Inc.(21459 CR5, Rifle, CO, 81650) office. A Site Specific SWMP including a Site Plan is in place for this location.</p> <p>-Spill Prevention, Control and Countermeasures (SPCC) for the Piceance Creek Program is on file at the XTO Energy Inc. (21459 CR5, Rifle, CO, 81650) office. The Field Wide and Site Specific SWMPs each address SPCC during construction operations.</p> <p>-Inspections of the project site and maintenance of installed BMP's shall be conducted in accordance with the CDPHE CDPS permit and field wide plan.</p>
2	Drilling/Completion Operations	Open-hole Resistivity Log with Gamma Ray Log will be run from the kick-off point into the surface casing. A Cement Bond Log with Gamma-Ray will be run on production casing, or on intermediate casing if a production liner is run. The horizontal portion of the wellbore will be logged with a measured-while-drilling gamma-ray log. The Form 5, Completion Report, will list all logs run and have those logs attached.

Total: 2 comment(s)

### Attachment Check List

<b>Att Doc Num</b>	<b>Name</b>
402111623	DIRECTIONAL DATA
402200242	DEVIATED DRILLING PLAN
402200253	WELLBORE DIAGRAM
402202360	WELL LOCATION PLAT
402202377	OTHER
402203870	OffsetWellEvaluations Data
402203885	OffsetWellEvaluations Data

Total Attach: 7 Files

### General Comments

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	<p>Well location plat not attached. Location ID should be entered.</p> <p>Return to draft.</p>	10/08/2019

Total: 1 comment(s)

**Public Comments**

No public comments were received on this application during the comment period.

