

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80202 Phone: (303)694-2100 Fax: (303)694-2179



SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form). Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b).

RECEIVED
7/9/2012

1. OGCC Operator Number: 100264	4. Contact Name: Jessica Dooling	Complete the Attachment Checklist
2. Name of Operator: XTO Energy Inc	Phone: 970-675-4122	
3. Address: PO Box 6501 City: Englewood State: CO Zip: 80155	Fax: 970-675-4150	
5. API Number: 05-103-01097-00	OGCC Facility ID Number:	Survey Plat
6. Well/Facility Name: Piceance Creek Unit	7. Well/Facility Number: T45X-18G	Directional Survey
8. Location (Qtr/Sec, Twp, Rng, Meridian): NESW, 18, 2S, 96W 6th		Surface Equip. Diagram
9. County: Rio Blanco	10. Field Name: Piceance Creek Unit	Technical Info Page
11. Federal Indian or State Lease Number: COD052141		Other

General Notice

☐ CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines: ☐ FULFSL ☐ FELFWL

Change of Surface Footage to Exterior Section Lines: ☐ ☐ ☐ ☐

Change of Bottomhole Footage from Exterior Section Lines: ☐ ☐ ☐ ☐

Change of Bottomhole Footage to Exterior Section Lines: ☐ ☐ ☐ ☐ attach directional survey

Bottomhole location Qtr/Sec, Twp, Rng, Mer: _____

Latitude: _____ Distance to nearest property line: _____ Distance to nearest bldg, public rd, utility or RR: _____

Longitude: _____ Distance to nearest lease line: _____ Is location in a High Density Area (rule 603b)? Yes/No: _____

Ground Elevation: _____ Distance to nearest well same formation: _____ Surface owner consultation date: _____

GPS DATA:
Date of Measurement: _____ PDOP Reading: _____ Instrument Operator's Name: _____

☐ CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

☐ Remove from surface bond
Signed surface use agreement attached

☐ CHANGE OF OPERATOR (prior to drilling):

Effective Date: _____

Plugging Bond: ☐ Blanket ☐ Individual

☐ CHANGE WELL NAME

From: _____ NUMBER: _____

To: _____

Effective Date: _____

☐ ABANDONED LOCATION:

Was location ever built? ☐ Yes ☐ No

Is site ready for inspection? ☐ Yes ☐ No

Date Ready for Inspection: _____

☐ NOTICE OF CONTINUED SHUT IN STATUS

Date well shut in or temporarily abandoned: _____

Has Production Equipment been removed from site? ☐ Yes ☐ No

MIT required if shut in longer than two years Date of last MIT: _____

☐ SPUD DATE: _____

☐ REQUEST FOR CONFIDENTIAL STATUS (5 mins from date casing set)

☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK

Method used	Cementing tool setting/per depth	Cement volume	Cement top	Cement bottom	Date

*submit cbl and cement job summaries

☐ RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.

Final reclamation will commence on approximately: _____

☐ Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

☐ Notice of Intent

Approximate Start Date: _____

☐ Report of Work Done

Date Work Completed: _____

Details of work must be described in full on Technical Information Page (Page 2 must be submitted)

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: See Page 2	for Spills and Releases

I hereby certify that the statements made on this form are, to the best of my knowledge, true, correct and complete

Signed: Jessica Dooling Date: 7/9/2012 Email: jessica.dooling@xtoenergy.com

Print Name: Jessica Dooling Title: Environmental Coordinator

COGCC Approved: Chris Campbell Title: FOR Date: 07/31/2012

CONDITIONS OF APPROVAL, IF ANY:

Chris Campbell
EPS NW Region

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 100264 API Number: 05-103-01097-00
2. Name of Operator: XTO Energy Inc. OGCC Facility ID #
3. Well/Facility Name: Piceance Creek Unit Well/Facility Number: PCU T45X-18G
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NESW, 18, 2S, 96W, 6th

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS

XTO Energy herin requests consideration of site-specific background Arsenic levels as an alternative to the Table 910-1 value for the PCU T45X-18G location. COGCC Table 910-1 Concentration Levels list the allowable concentration level for arsenic in soil at 0.39 mg/kg. Footnote 1 of Table 910-1 states "Consideration shall be given to background levels in native soils and ground water." At other locations COGCC has allowed the determination of allowable levels based upon a 10 % variability factor applied to background soil concentration values where the maximum allowable level is computed by multiplying the highest detected background concentration by 1.1.

Five representative background samples were collected from undisturbed areas adjacent to the subject location. Arsenic concentrations in those samples ranged from 5.0 mg/kg to 6.4 mg/kg. Applying the 10% variability factor to the highest concentration detected results in an allowable arsenic concentration level of 7.04 mg/kg.

Attached please find the Lab Data Summary Table and the Site Map indicating arsenic sampling locations attached.

TABLE 1
PCU T45X-18G Former Buried Bunker Tank and Background Sampling Summary

Analytical Parameter (with units)	Bottom of excavation samples (7/6/11)	BACKGROUND SAMPLES					COGCC Table 910-1 Allowable Levels: (Soils Only)	Maximum Allowable Level (based on background)
		Background #1	Background #2	Background #3	Background #4	Background #5		
TPH (GRO) (mg/kg)	ND	-	-	-	-	-	-	-
TPH (DRO) (mg/kg)	54.90	-	-	-	-	-	-	-
TPH (GRO+DRO) (mg/kg)	54.90	-	-	-	-	-	500	-
Benzene (mg/kg)	ND	-	-	-	-	-	0.17	-
Toluene (mg/kg)	ND	-	-	-	-	-	85	-
Ethylbenzene (mg/kg)	ND	-	-	-	-	-	100	-
Xylenes (total) (mg/kg)	ND	-	-	-	-	-	175	-
Acenaphthene (mg/kg)	ND	-	-	-	-	-	1,000	-
Anthracene (mg/kg)	ND	-	-	-	-	-	1,000	-
Benzo(A)anthracene (mg/kg)	ND	-	-	-	-	-	0.22	-
Benzo(B)fluoranthene (mg/kg)	ND	-	-	-	-	-	0.22	-
Benzo(K)fluoranthene (mg/kg)	ND	-	-	-	-	-	2.2	-
Benzo(A)pyrene (mg/kg)	ND	-	-	-	-	-	0.022	-
Chrysene (mg/kg)	0.10	-	-	-	-	-	22	-
Dibenzo(A,H)anthracene (mg/kg)	ND	-	-	-	-	-	0.022	-
Fluoranthene (mg/kg)	0.16	-	-	-	-	-	1,000	-
Fluorene (mg/kg)	ND	-	-	-	-	-	1,000	-
Indeno(1,2,3,C,D)pyrene (mg/kg)	ND	-	-	-	-	-	0.22	-
Naphthalene (mg/kg)	ND	-	-	-	-	-	23	-
Pyrene (mg/kg)	0.14	-	-	-	-	-	1,000	-
Electrical Conductivity (mmhos/cm)	0.19	-	-	-	-	-	<40r 2X Bckgrnd	-
Sodium Adsorption Ratio (SAR)	1.3	-	-	-	-	-	<12	-
pH	9.27	-	-	-	-	-	6-9	-
Arsenic (mg/kg)	4.3	5	5.1	5.8	6.4	5.8	0.39	7.04
Barium (mg/kg)	227.0	-	-	-	-	-	15,000	-
Cadmium (mg/kg)	<1.2	-	-	-	-	-	70	-
Chromium (III) (mg/kg)	31.9	-	-	-	-	-	120,000	-
Chromium (VI) (mg/kg)	<0.45	-	-	-	-	-	23	-
Copper (mg/kg)	8.3	-	-	-	-	-	3,100	-
Lead (inorganic) (mg/kg)	18.0	-	-	-	-	-	400	-
Mercury (mg/kg)	<0.10	-	-	-	-	-	23	-
Nickel (mg/kg)	13.5	-	-	-	-	-	1,600	-
Selenium (mg/kg)	<5.8	-	-	-	-	-	390	-
Silver (mg/kg)	<3.5	-	-	-	-	-	390	-
Zinc (mg/kg)	49.1	-	-	-	-	-	23,000	-

Notes:

1) ND = not detectible to the laboratory detection limit.

2) Results highlighted in yellow exceed Table 910-1 parameters. Results highlighted in gray exceed Table 910-1, but are below maximum allowable levels based on background.

3) "-" indicates no tests were performed.

\\hyper-v03\lkw-d-co\sdk\proj\cto environmental\1106-04 pcu t45x-18g\civil3d\sample ars.dwg,7/5/12

