

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 854-2100 Fax: (303) 854-2101



## 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  
6/19/2012Location ID #  
335694

1. OGCC Operator Number	100264	4. Contact Name	Jessica Dooling
2. Name of Operator	XTO Energy Inc		
3. Address	PO Box 6501	Phone	970-675-4122
City	Englewood	State	CO
Zip	80155	Fax	970-675-4150
5. API Number	05 103 10654 00	OGCC Facility ID Number	
6. Well/Facility Name	Piceance Creek Unit	7. Well/Facility Number	T35X-2G
8. Location (Qtr/Sec, Twp, Rng, Meridian)	NESW, Sec. 2 T2S, R97W, 6th PM		
9. County	Rio Blanco	10. Field Name	Piceance Creek
11. Federal, Indian or State Lease Number	COD035705		
		Survey Plat	
		Directional Survey	
		Surface Equipmt Diagram	
		Technical Info Page	X
		Other	X

## General Notice

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

Change of Surface Footage from Exterior Section Lines	FL/TL	FL/BL
Change of Surface Footage to Exterior Section Lines		
Change of Bottomhole Footage from Exterior Section Lines		
Change of Bottomhole Footage to Exterior Section Lines		
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 \_\_\_\_\_ PCOP 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 (is most from date casing set)

☐ SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK \*submit cbl and cement job summaries

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

☐ 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 in this form are, to the best of my knowledge, true, correct and complete

Signed: \_\_\_\_\_ Date: 6/19/2012 Email: jessica.dooling@xtoenergy.com

Print Name: Jessica Dooling Title: Environmental Coordinator

COGCC Approved: \_\_\_\_\_ Title: FOR Date: 06/20/2012

CONDITIONS OF APPROVAL, IF ANY: Chris Camfield

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 100264 API Number: 05-103-10654-00  
2. Name of Operator: XTO Energy Inc. OGCC Facility ID #             
3. Well/Facility Name: Piceance Creek Unit Well/Facility Number: T35X-2G  
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NESW, Sec 2, T2S, R97W, 6th PM

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 herein requests consideration of site-specific background Arsenic levels as an alternative to the Table 910-1 value for the PCU T35X-2G 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.

Six representative background samples were collected from undisturbed areas adjacent to the subject location. Arsenic concentrations in those samples ranged from 3.2 mg/kg to 12.2 mg/kg. Applying the 10% variability factor to the highest concentration detected results in an allowable arsenic concentration level of 13.4 mg/kg.

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

**Table 1**  
**Location: PCU T35X-2G**  
**Lab Summary**

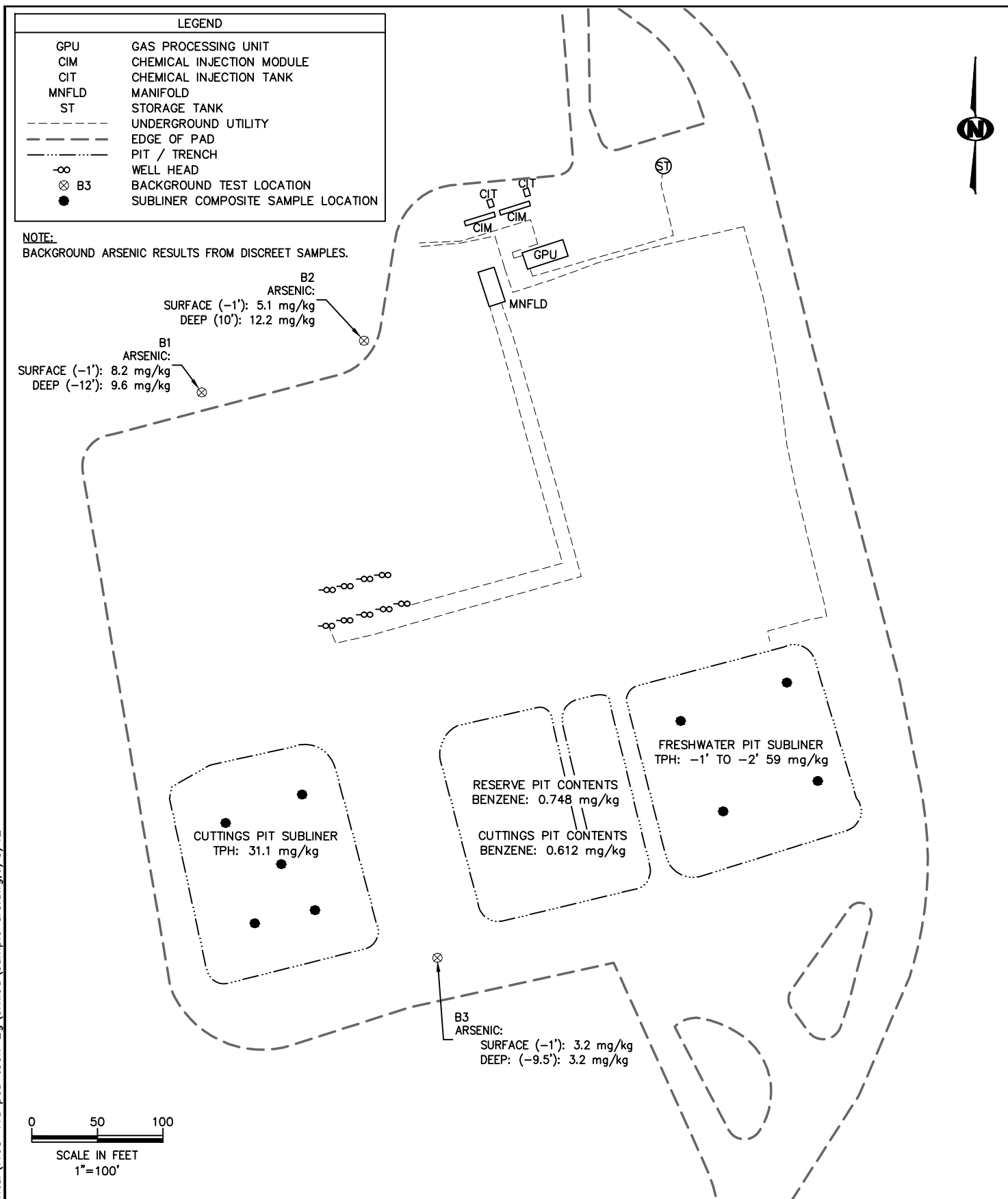
Last update 6/18/2012

Analytical Parameter	Fresh Water Pit					Reserve Pit		Cuttings Pit			Background 1/19/10						COGCC	Maximum based on Background
(with units)	FW Pit Contents	FW Subliner 01/09/12	FW Subliner TP -1' to -2' 1/30/12	FW Subliner TP -2' to -3' 1/30/12	FW Subliner Post <sup>5</sup> Mix/Blend 2/14/12	RES Pit Contents 11/07/11	RES Pit Subliner xx/xx/xx	CUT Pit Contents 12/12/11	CUT Stockpile 2/9/12	CUT Pit Subliner 3/14/12	Surface B1A (-1')	Deep B1B (-12')	Surface B2A (-1')	Deep B2B (-10')	Surface B3A (-1')	Deep B3B (-9.5')	Table 910-1 Concentration Levels	
Accutest Job #	De Minimis Contents - Disposed of with Pit Liner/Felt Material	D30937	D31469	D31465	D31902	D29262		D30325	D31783	D32747	D10498						-	-
Sample type (Composite/Discrete)		C	C	C	C	C		C	C	C	D	D	D	D	D	D	-	-
TPH (GRO) (mg/Kg)		11.2	ND	ND	ND	114		31.8	13.9	ND	-	-	-	-	-	-	-	-
TPH (DRO) (mg/Kg)		597	59.1	30.8	287	374		206	240	31.1	-	-	-	-	-	-	-	-
TPH (GRO + DRO) (mg/Kg)		608	59	31	287	488		238	254	31.1	-	-	-	-	-	-	500	-
Benzene (mg/Kg)		ND	-	-	-	0.748		0.293	0.0564	0.0761	-	-	-	-	-	-	0.170	-
Toluene (mg/Kg)		ND	-	-	-	0.841		0.611	0.135	0.226	-	0.841	-	0.611	0.135	0.226	85	-
Ethylbenzene (mg/Kg)		ND	-	-	-	0.572		0.137	ND	0.0409	-	-	-	-	-	-	100	-
Xylenes (total) (mg/Kg)		ND	-	-	-	8.35		1.41	0.254	0.296	-	-	-	-	-	-	175	-
Acenaphthene (mg/Kg)		ND	-	-	-	ND		ND	-	ND	-	-	-	-	-	-	1000	-
Anthracene (mg/Kg)		ND	-	-	-	ND		ND	-	ND	-	-	-	-	-	-	1000	-
Benzo(A)anthracene (mg/Kg)		0.0147	-	-	-	ND		0.115	-	0.0168	-	-	-	-	-	-	0.22	-
Benzo(A)pyrene (mg/Kg)		0.0166	-	-	-	ND		0.191	-	0.0084	-	-	-	-	-	-	0.22	-
Benzo(B)fluoranthene (mg/Kg)		ND	-	-	-	ND		0.062	-	0.0241	-	-	-	-	-	-	2.2	-
Benzo(K)fluoranthene (mg/Kg)		ND	-	-	-	ND		ND	-	ND	-	-	-	-	-	-	0.022	-
Chrysene (mg/Kg)		0.0392	-	-	-	ND		0.162	-	0.0244	-	-	-	-	-	-	22	-
Dibenzo(A,H)anthracene (mg/Kg)		ND	-	-	-	ND		ND	-	0.0058	-	-	-	-	-	-	0.022	-
Fluoranthene (mg/Kg)		0.0322	-	-	-	ND		0.178	-	0.0251	-	-	-	-	-	-	1000	-
Fluorene (mg/Kg)		0.342	-	-	-	ND		0.067	-	ND	-	-	-	-	-	-	1000	-
Indeno(1,2,3,C,D)pyrene (mg/Kg)		ND	-	-	-	ND		ND	-	ND	-	-	-	-	-	-	0.22	-
Naphthalene (mg/Kg)		0.140	-	-	-	ND		0.182	-	0.0320	-	-	-	-	-	-	23	-
Pyrene (mg/Kg)		0.0331	-	-	-	ND		0.0728	-	0.0145	-	-	-	-	-	-	1000	-
Electrical Conductivity (mmhos/cm)		4.67	-	-	-	1.22		2.65	-	5.480	0.745	0.276	0.345	0.386	0.631	0.838	4	-
Sodium Adsorption Ratio (SAR)		30.7	-	-	-	17.3		26.6	-	15.3	7.21	0.488	0.776	3.43	9.24	12.3	12	-
pH		10.13	-	-	-	9.31		11.11	-	9.35	9.46	9.27	9.04	9.44	9.82	9.83	6-9	-
Arsenic (mg/kg)		4.5	-	-	-	7.0		6.7	-	3.6	8.2	9.6	5.1	12.2	3.2	3.2	0.39	13.4
Barium (mg/kg)		949	-	-	-	13300		8650	-	1880	-	-	-	-	-	-	15000	-
Cadmium (mg/kg)		<1.1	-	-	-	<2.3		<1.5	-	<1.1	-	-	-	-	-	-	70	-
Chromium (III) (mg/Kg)		36.4	-	-	-	11.1		15.8	-	31.6	-	-	-	-	-	-	120000	-
Chromium (VI) (mg/Kg)		<0.47	-	-	-	<0.91		<0.59	-	<1.0	-	-	-	-	-	-	23	-
Copper (mg/kg)		16.7	-	-	-	21.4		23.6	-	15.5	-	-	-	-	-	-	3100	-
Lead (inorganic) (mg/kg)		11.2	-	-	-	17		15	-	14.8	-	-	-	-	-	-	400	-
Mercury (mg/kg)		<0.11	-	-	-	<0.21		<0.15	-	<0.10	-	-	-	-	-	-	23	-
Nickel (mg/kg)		21.2	-	-	-	12.1		13.2	-	16.4	-	-	-	-	-	-	1600	-
Selenium (mg/kg)		<5.6	-	-	-	<120		<75	-	<5.4	-	-	-	-	-	-	390	-
Silver (mg/kg)		<3.4	-	-	-	<7		<4.5	-	<3.2	-	-	-	-	-	-	390	-
Zinc (mg/kg)		42.7	-	-	-	37.7		41.6	-	48.2	-	-	-	-	-	-	23000	-
% Solids	-	84.4	86.1	86.8	84.1	41.7		67.7	84.3	93.8	84.2	86.0	88.5	84.2	85.3	85.0	-	-

Notes:

- 1) ND = not detectable to the laboratory detection limit.
- 2) Results highlighted in yellow exceed Table 910-1 concentration levels. Results highlighted in Gray exceed Table 910-1, but are below background levels.
- 3) "-" indicates no analysis.
- 4) See site map for sample locations.
- 5) Bottom 1' was mix/blended with 1' of clean onsite material then resampled.

s:\proj\cto environmental\1108-11a\_pcu\_t35x-2g\civil3d\sample ars.dwg,6/8/12



DESIGNED: --	CHECKED: DK	FIGURE  1	NOTES:		KRW CONSULTING, INC. 8000 W. 14TH AVENUE, SUITE 200 LAKEWOOD, COLORADO (303) 239-9011	FIGURE 1 PICEANCE CREEK PCU T35X-2G SAMPLE LOCATIONS WITH ARSENIC LEVELS PREPARED FOR XTO ENERGY
DATE: 6/8/12	DRAWN: DRF					
FILE NAME: sample ars	SHEET NO. 1 of 1	DATE	REVISIONS			
PROJECT NO. 1108-11A	SCALE: 1"=100'					