

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)834-2109 Fax: (303)894-2109



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
7/20/2012

1. OGCC Operator Number: 100264	4. Contact Name: Jessica Dooling
2. Name of Operator: XTO Energy, Inc.	Phone: 970-675-4122
3. Address: PO Box 6501	Fax: 970-625-4150
City: Englewood State: CO Zip: 80155	
5. API Number 05-103-10822-00	OGCC Facility ID Number
6. Well/Facility Name: Piceance Creek Unit	7. Well/Facility Number: 196-7A
8. Location (Qtr/Sec, Twp, Rng, Meridian): SENE, 7, 2S, 96W, 6N	
9. County: Rio Blanco	10. Field Name: Piceance Creek Unit
11. Federal, Indian or State Lease Number: COD052141	

Survey Plat	
Directional Survey	
Surface Equip Diagram	
Technical Info Page	
Other	

Complete the Attachment
Checklist

OGCC

Location ID
335884

REM # 5076

General Notice

<input type="checkbox"/> 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:	<input type="checkbox"/> FULL/FSL <input type="checkbox"/> FEL/FEL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> <input type="checkbox"/>
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:	
<input type="checkbox"/> CHANGE SPACING UNIT Formation: Formation Code: Spacing order number: Unit Acreage: Unit configuration:	<input type="checkbox"/> Remove from surface bond Signed surface use agreement attached:
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling): Effective Date: Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	<input type="checkbox"/> CHANGE WELL NAME NUMBER From: To: Effective Date:
<input type="checkbox"/> ABANDONED LOCATION: Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No Date Ready for inspection:	<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS Date well shut in or temporarily abandoned: Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No MIT required if shut in longer than two years Date of last MIT:
<input type="checkbox"/> SPUD DATE:	<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (5 mos from date closing well)
<input type="checkbox"/> 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:	
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004 Final reclamation will commence on approximately: <input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent Approximate Start Date:	<input type="checkbox"/> 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: 7/20/2012 Email: jessica.dooling@xtoenergy.com

Print Name: Jessica Dooling Title: Environmental Coordinator

COGCC Approved:

Title FOR

Date 07/24/2012

CONDITIONS OF APPROVAL, IF ANY

Chris Canfield
EPS NW Region

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number:	100264	API Number:	05-103-10822-00
2. Name of Operator:	XTO Energy Inc.	OGCC Facility ID #	
3. Well/Facility Name:	Piceance Creek Unit	Well/Facility Number:	296-7A
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SENE, 7, 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.

5.

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 296-7A 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 5.0 mg/kg to 16.0 mg/kg. Applying the 10% variability factor to the highest concentration detected results in an allowable Arsenic concentration level of 17.6 mg/kg.

Subliner Arsenic samples were collected from the Freshwater (3.7 mg/kg), Reserve (2.6 mg/kg) and Cuttings (2.3 mg/kg) pits. The subliner Arsenic concentrations are within the allowable background Arsenic concentration of 17.6 mg/kg.

Attached please find the Lab Data Summary Table (Table 1), Lab Report D10402, and the Figure 1 indicating Arsenic sampling locations attached.

Table 1
Location: PCU 296-7A
Lab Summary

Last update 7/19/2012

Analytical Parameter	Freshwater Pit		Reserve Pit		Cuttings #1		Background (1/14/10)						COGCC	Maximum based on Background
(with units)	FW Pit Contents (1/14/10)	FW Pit Subliner (3/10/11)	RES Pit Contents (1/14/10)	RES Pit Subliner ⁵ (2/9/12)	CUT Pit Contents (1/14/10)	CUT Pit Subliner (2/16/11)	B1A at 1'	B1B at 12'	B2A at 1'	B2B at 16'	B3A at 1'	B3B at 13'	Table 910-1 Concentration Levels	
Accutest Job #	D10402	D21712	D10402	D31778	D10402	D21155	D10402							
Sample type (Composite/Discrete)	C	C	C	C	C	C	D	D	D	D	D	D		
TPH (GRO) (mg/Kg)	2.82	ND	ND	21.9	ND	ND	-	-	-	-	-	-	-	-
TPH (DRO) (mg/Kg)	92200	215	172000	1620	946	37.4	-	-	-	-	-	-	-	-
TPH (GRO + DRO) (mg/Kg)	92203	215	172000	1642	946	37.4	-	-	-	-	-	-	500	-
Benzene (mg/Kg)	ND	ND	ND	ND	ND	0.0508	-	-	-	-	-	-	0.170	-
Toluene (mg/Kg)	ND	ND	ND	ND	ND	0.169	-	-	-	-	-	-	85	-
Ethylbenzene (mg/Kg)	ND	ND	ND	ND	ND	0.0466	-	-	-	-	-	-	100	-
Xylenes (total) (mg/Kg)	0.0417	0.077	ND	0.216	ND	0.176	-	-	-	-	-	-	175	-
Acenaphthene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1000	-
Anthracene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1000	-
Benzo(A)anthracene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.22	-
Benzo(A)pyrene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.22	-
Benzo(B)fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	2.2	-
Benzo(K)fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.022	-
Chrysene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	22	-
Dibenzo(A,H)anthracene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.022	-
Fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1000	-
Fluorene (mg/Kg)	ND	0.0462	ND	0.48	ND	ND	-	-	-	-	-	-	1000	-
Indeno(1,2,3-cd)pyrene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	0.22	-
Napthalene (mg/Kg)	174.000	ND	ND	0.326	ND	ND	-	-	-	-	-	-	23	-
Pyrene (mg/Kg)	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	1000	-
Electrical Conductivity (mmhos/cm)	5.360	2.160	2.300	3.840	7.180	4.310	0.281	0.626	0.495	1.440	0.230	0.503	4	-
Sodium Adsorption Ratio (SAR)	30.3	8.38	26.0	21.7	23.5	4.20	0.921	0.794	1.12	6.85	0.243	1.90	12	-
pH	9.07	9.41	9.23	10.22	8.39	9.32	8.99	8.40	7.79	9.40	8.93	9.22	6-9	-
Arsenic (mg/kg)	3.5	3.7	3.6	2.6	15.1	2.3	5.8	5.0	6.5	16.0	6.2	5.3	0.39	17.6
Barium (mg/kg)	6670	1450	14200	3460	3640	1490	-	-	-	-	-	-	15000	-
Cadmium (mg/kg)	<0.91	<1.3	<1.2	<1.2	11.6	<1.4	-	-	-	-	-	-	70	-
Chromium (III) (mg/Kg)	49.5	33.0	29.7	44.6	10.5	29.3	-	-	-	-	-	-	120000	-
Chromium (VI) (mg/Kg)	<2.3	0.66	<2.1	0.56	<2.2	<0.52	-	-	-	-	-	-	23	-
Copper (mg/kg)	63.9	9.1	34.3	11.4	29.2	8.9	-	-	-	-	-	-	3100	-
Lead (inorganic) (mg/kg)	19.7	9.0	12.0	9.8	16.4	12.0	-	-	-	-	-	-	400	-
Mercury (mg/kg)	71.6	<0.12	1.8	<0.12	<0.097	<0.12	-	-	-	-	-	-	23	-
Nickel (mg/kg)	16.0	13.8	12.5	19.1	12.5	12.7	-	-	-	-	-	-	1600	-
Selenium (mg/kg)	<4.5	<6.4	<6.1	<6.0	<4.4	<6.8	-	-	-	-	-	-	390	-
Silver (mg/kg)	<2.7	<3.8	<3.7	<3.6	<2.7	<4.1	-	-	-	-	-	-	390	-
Zinc (mg/kg)	148	37.4	43.7	42.9	52.4	38.8	-	-	-	-	-	-	23000	-
% Solids	86.8	81.2	59.6	80.6	87.4	74.0	82.4	90.3	85.3	86.4	86.5	85.2		

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) See Table 2 and 3 for Reserve Pit remediation details.

LEGEND	
GPU	GAS PROCESSING UNIT
MNFLD	MANIFOLD
.....	UTILITY LINE
-----	EDGE OF PAD
- - - - -	PIT / TRENCH
~o~	WELL HEAD
⊗ B1	BACKGROUND SAMPLE LOCATION
●	SUBLINER SAMPLE LOCATION
× SP	STOCKPILE GRAB SAMPLE

NOTES:

1. BACKGROUND ARSENIC RESULTS ARE DISCRETE SAMPLES.
2. ND INDICATES NOT DETECTED TO LABORATORY DETECTION LIMIT.

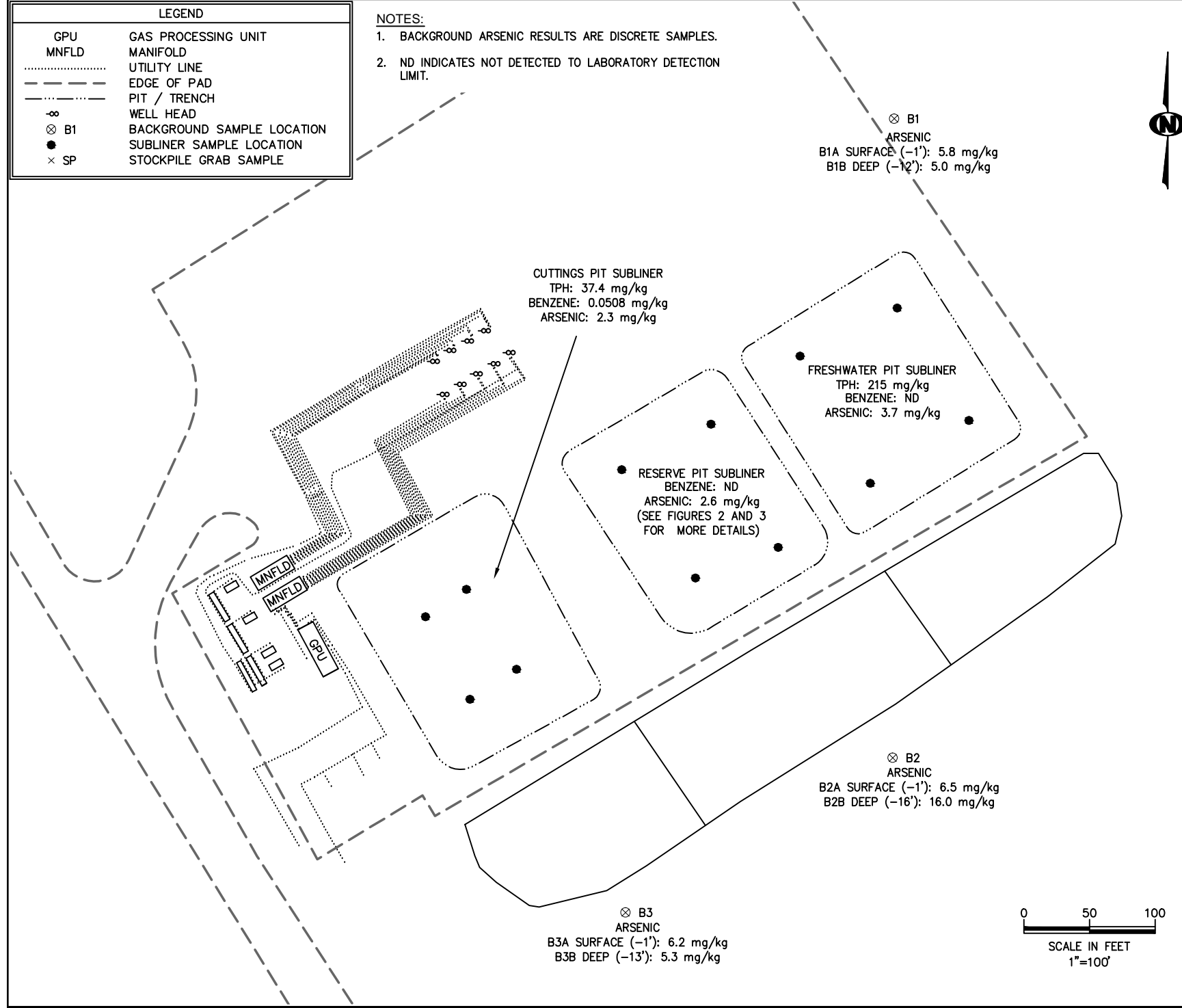


FIGURE 1

PICEANCE CREEK
 PCU 296-7A
 SAMPLE LOCATIONS WITH
 ARSENIC LEVELS
 PREPARED FOR XTO ENERGY

KRW CONSULTING, INC.
 8000 W. 14TH AVENUE, SUITE 200
 LAKEWOOD, COLORADO
 (303) 239-9011

NOTES:

FIGURE
 1

CHECKED: GK
 DATE: 7/19/12

DRAWN: DRF
 FILE NAME: samples all

SHEET NO.
 1 of 5
 PROJECT NO.
 1007-02

DATE

REVISIONS

SCALE:
 1"=100'