

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801 Denver, Colorado 80202 Phone: (303)894-2109 Fax: (303)894-2109



DOCUMENT #2229740

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

Location ID #335884

REM #5076

1 OGCC Operator Number: 100264
2 Name of Operator: XTO Energy, Inc
3 Address: PO Box 6501
4 Contact Name: Jessica Dooling
5 API Number: 05-103-10822-00
6 Well/Facility Name: Piceance Creek Unit
7 Well/Facility Number: 196-7A
8 Location: SENE, 7, 2S, 96W, 6th
9 County: Rio Blanco
10 Field Name: Piceance Creek Unit
11 Federal, Indian or State Lease Number: COD052141

Complete the Attachment Checklist

OGCC

Table with 2 columns: Attachment Name, Status. Includes Survey Plat, Directional Survey, Surface Equip Diagram, Technical Info Page, Other.

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
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/Qtr, Sec, Twp, Rng, Mer

Latitude, Longitude, Ground Elevation, Distance to nearest property line, Distance to nearest lease line, Distance to nearest well same formation, Distance to nearest bldg, public rd, utility or RR, Is location in a High Density Area (rule 603b)?, 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, CHANGE WELL NAME: From, To, Effective Date

ABANDONED LOCATION: Was location ever built?, Is site ready for inspection?, Date Ready for Inspection, NOTICE OF CONTINUED SHUT IN STATUS: Date well shut in or temporarily abandoned, Has Production Equipment been removed from site?, MIT required if shut in longer than two years

SPUD DATE, REQUEST FOR CONFIDENTIAL STATUS (E-mail from state casing unit)

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK: 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.)

Intent to Recomplete (submit form 2), Change Drilling Plans, Gross Interval Changed?, Casing/Cementing Program Change, Request to Vent or Flare, Repair Well, Rule 502 variance requested, Other: see page 2, E&P Waste Disposal, Beneficial Reuse of E&P Waste, Status Update/Change of Remediation Plans 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: Jessica Dooling, Date: 7/20/2012, Email: jessica.dooling@xtoenergy.com, Print Name: Jessica Dooling, Title: Environmental Coordinator

COGCC Approved: Chris Canfield, 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: <u>100264</u> | API Number: <u>05-103-10822-00</u> |
| 2. Name of Operator: <u>XTO Energy Inc.</u> | OGCC Facility ID # _____ |
| 3. Well/Facility Name: <u>Piceance Creek Unit</u> | Well/Facility Number: <u>296-7A</u> |
| 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SENE, 7, 2S, 96W, 6th</u> | |

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 thePCU 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

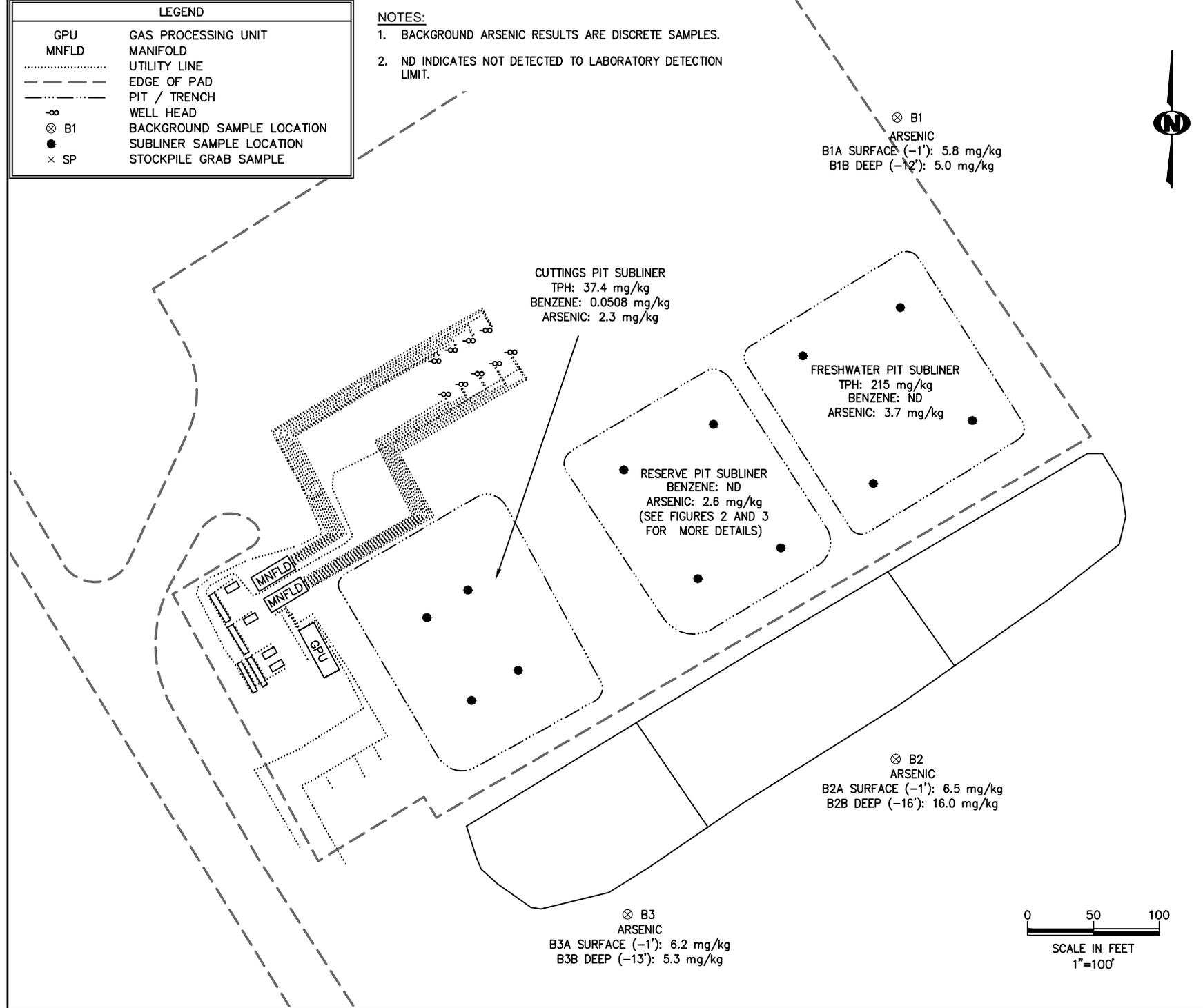
Analytical Parameter (with units)	Freshwater Pit		Reserve Pit		Cuttings #1		Background (1/14/10)						COGCC Table 910-1 Concentration Levels	Maximum based on Background
	FW Pit Contents (1/14/10)	FW Pit Subliner (3/10/11)	RES Pit Contents (1/14/10)	RES Pit Subliner ⁵ (2/9/12)	CUT Pit Contents (1/14/10)	CUT Pit Subliner (2/16/11)	B1A at 1'	B1B at 12'	B2A at 1'	B2B at 16'	B3A at 1'	B3B at 13'		
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	-
Naphthalene (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 detectible 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
∞	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.



DESIGNED:		CHECKED:		FIGURE		NOTES:	
I		GK		1			
DATE:	7/19/12	DRAWN:	DRF	SHEET NO.	1 of 5	DATE	
FILE NAME:	samples oil			SCALE:	1"=100'	REVISIONS	
PROJECT NO.	1007-02						

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