

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 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
2/10/2012

1 OGCC Operator Number: 100264	4 Contact Name: Jessica Dooling
2 Name of Operator: XTO Energy Inc.	Phone: 970-675-4122
3 Address: 9127 South Jamaica Drive	Fax: 970-675-4150
City: Englewood State: CO Zip: 80112	
5 API Number 05-103-11262	OGCC Facility ID Number
6 Well/Facility Name: Piceance Creek Unit	7 Well/Facility Number: FRU 297-28C
8 Location (Qtr/Sec, Twp, Rng, Meridian): SENE, Sec 28, T2S, R97W, 6th PM	
9 County: Rio Blanco	10. Field Name: Piceance Creek Unit
11. Federal, Indian or State Lease Number: COC-62807	

Survey Plat	
Directional Survey	
Surface Eqmpt Diagram	
Technical Info Page	
Other	

Complete the Attachment
Checklist

OP OGCC

General Notice

<input type="checkbox"/> 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	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage from Exterior Section Lines	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Change of Bottomhole Footage to Exterior Section Lines	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Bottomhole location Qtr/Sec, Twp, Rng, Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Is location in a High Density Area (rule 603b)? Yes/No
	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	
From:	NUMBER
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 (6 mos from date casing set)	
<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"/> Change Drilling Plans	<input type="checkbox"/> Repair Well
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: See page 2
<input type="checkbox"/> E&P Waste Disposal	
<input type="checkbox"/> Beneficial Reuse of E&P Waste	
<input type="checkbox"/> 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: 2/10/2012 Email: jessica.dooling@xtoenergy.comPrint Name: Jessica Dooling Title: Environmental CoordinatorCOGCC Approved: Chris Camfield Title: FOR Date: 02/17/2012

CONDITIONS OF APPROVAL, IF ANY:

Chris Camfield
E&P NW Region

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

- | | | | |
|--|------------------------------------|-----------------------|--------------|
| 1. OGCC Operator Number: | 100264 | API Number: | 05-103-11262 |
| 2. Name of Operator: | XTO Energy Inc. OGCC Facility ID # | | |
| 3. Well/Facility Name: | Piceance Creek Unit | Well/Facility Number: | FRU 297-28C |
| 4. Location (QtrQtr, Sec, Twp, Rng, Meridian): | SENE, Sec 28, 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.

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 FRU 297-28C locaiton. COGCC Table 910-1 Concentration Levels list the allowable concentration level for arsenic in soil at 0.39 mg/kg. However, COGCC has approved site specific changes to allowable concentration levels based upon background concentration levels. 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.

Twelve representative background samples were collected from undisturbed areas adjacent to the subject location. Arsenic concentrations in those samples ranged from 1.3 mg/kg to 6.1 mg/kg. Applying the 10% variability factor to the highest concentration detected results in an allowable arsenic concentration level of 6.71 mg/kg.

Attached please find the Lab Data Summary Tables (Table 1 and Table 2), Lab Report D10555, Lab Report D29515 and the Site Map indicating arsenic sampling locations attached.

Table 1
Location: FRU 297-28C
Lab Summary

Analytical Parameter (with units)	Freshwater Pit		Reserve Pit		Background 1/26/11								2nd Backgrounds 11/15/11								COGCC	Maximum based on Background
	FW Pit Contents 9/20/11	FW Pit Subliner	FW Pit Backfill	Reserve Pit Contents 9/20/11	Reserve Pit Contents 10/14/11 ⁵	Reserve Pit Mix/Blend (1/4/12 - 2/2/12)	RP Subliner 1/4/12	RP Backfill	B1A (-1.5')	B1B (-12')	B2A (-2')	B2B (-9.5')	B3A (-1.5')	B3B (-9.5')	TP-1 (-10')	TP-1 (-15')	TP-1 (-13')	TP-2 (-3')	TP-3 (-8')	TP-3 (-10')	Table 910-1 Allowable Levels	
Accutest Job #	D27868			C	D27867	D28640	D30796		D	D	D	D	D	D	D	D	D	D	D	D		
Sample Type (Composite/Discrete)	C			C	C		C															
TPH (GRO) (mg/Kg)	83.2			ND	96.1		ND															
TPH (DRO) (mg/Kg)	88,500			179	110		11.9															
TPH (GRO + DRO) (mg/Kg)	88,583			179	206		11.9															
Benzene (mg/Kg)	ND			ND	ND		ND														500	
Toluene (mg/Kg)	0.205			ND	ND		ND														0.170	
Ethylbenzene (mg/Kg)	0.193			ND	ND		ND														85	
Xylenes (total) (mg/Kg)	4.050			ND	ND		ND														100	
Acenaphthene (mg/Kg)	0.532			ND	1,290		ND														175	
Anthracene (mg/Kg)	ND			ND	ND		ND														1000	
Benzo(A)anthracene (mg/Kg)	ND			ND	ND		ND														1000	
Benzo(B)fluoranthene (mg/Kg)	ND			ND	ND		ND														0.22	
Benzo(K)fluoranthene (mg/Kg)	ND			ND	ND		ND														0.22	
Benzo(A)pyrene (mg/Kg)	ND			ND	ND		ND														2.2	
Chrysene (mg/Kg)	ND			ND	ND		ND														0.022	
Dibenzo(A,H)anthracene (mg/Kg)	ND			ND	ND		ND														22	
Fluoranthene (mg/Kg)	ND			ND	ND		ND														0.022	
Fluorene (mg/Kg)	1,720			ND	ND		ND														1000	
Indol(1,2,3-c)pyrene (mg/Kg)	ND			ND	ND		ND														1000	
Naphthalene (mg/Kg)	0.414			ND	ND		ND														0.22	
Pyrene (mg/Kg)	ND			ND	ND		ND														23	
Electrical Conductivity (mmhos/cm)	0.362			1,800	1,650		0.649		0.481	0.478	0.719	2.060	0.170	3.420							1000	
Sodium Adsorption Ratio (SAR)	4.55			38.2	29.1		7.25		1.73	5.62	2.38	10.7	0.512	13.9							<4 or 2X BG	
pH	8.57			11.22	8.88		10.17		9.07	9.53	9.19	9.64	9.23	9.48							<12	
Arsenic (mg/kg)	6.8			8.1	8.7		3.3		1.9	2.4	6.1	2.7	2.5	3.3	1.3	2.0	3.2	1.5	2.7	2.4	0.39	6.7
Barium (mg/kg)	5,140			19,600	20,500		891														15000	
Cadmium (mg/kg)	<1.6			<4.2	<3.9		<1.1														70	
Chromium (III) (mg/Kg)	41.9			28.3	15.7		37.1														120000	
Chromium (VI) (mg/Kg)	<0.59			<1.6	<1.5		0.57														23	
Copper (mg/kg)	37.0			30.8	20.9		5.6														3100	
Lead (inorganic) (mg/kg)	25.5			<21	<19		9.9														400	
Mercury (mg/kg)	0.60			<0.37	<0.38		<0.12														23	
Nickel (mg/kg)	18.8			17.3	15.8		12.6														1600	
Selenium (mg/kg)	<39			<110	<96		<5.6														390	
Silver (mg/kg)	<4.7			<13	<12		<3.4														390	
Zinc (mg/kg)	130			42.7	46.6		37														23000	
% Solids	65.5			24.8	27.3		87.6		80.7	85.4	85.2	89.1	89.4	87.0	89.0	87.4	87.3	89.1	92.4	94.8		

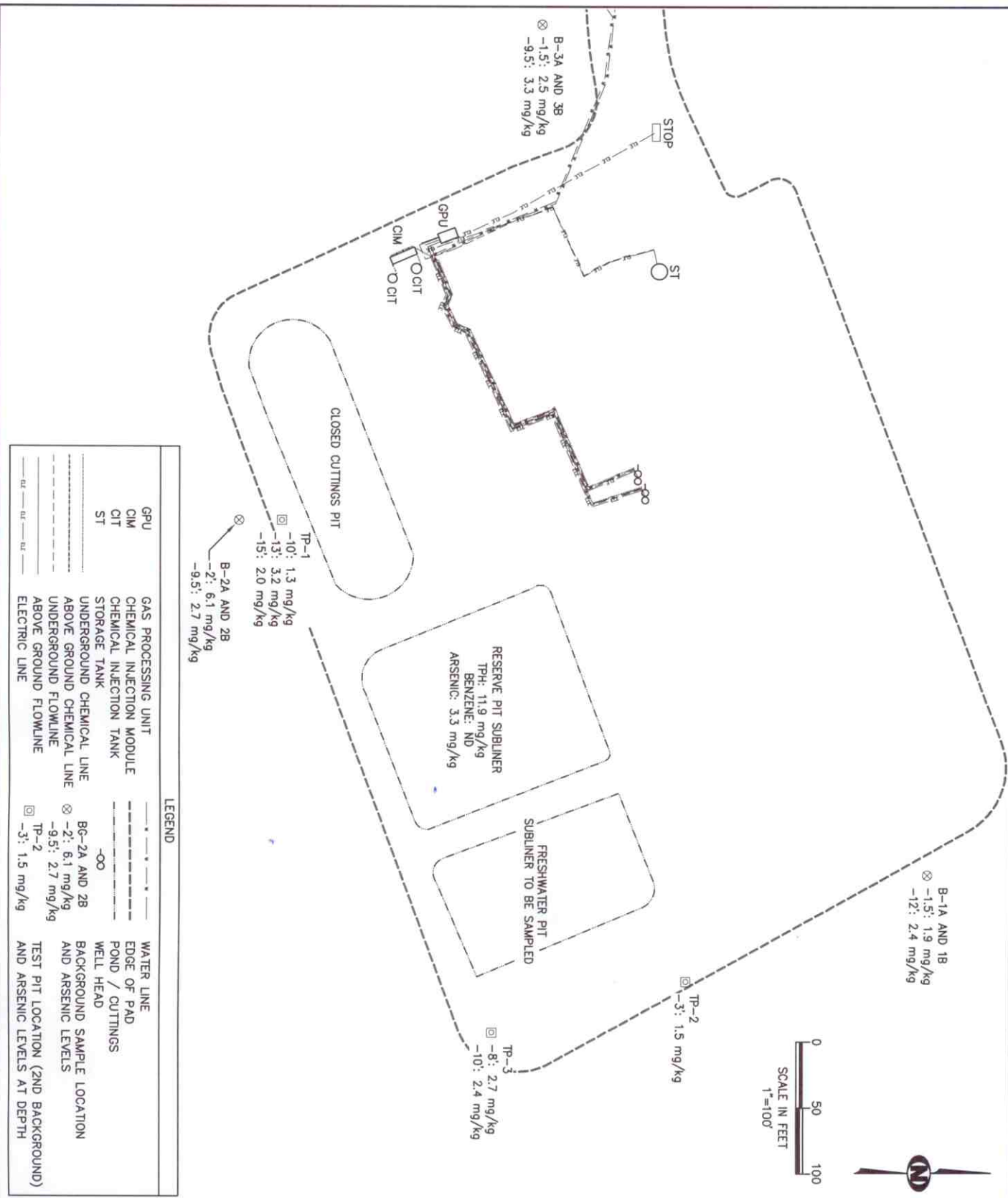
Notes:
 1) ND = not detectable to the laboratory detection limit.
 2) Results highlighted in yellow exceed Table 910-1 parameters. Results highlighted in Gray exceed Table 910-1, but are below background levels.
 3) " " indicates no analysis.
 4) See site map for sample locations
 5) Samples collected post solidification of pit contents.

Table 2
Location: FRU 297-28C
Lab Summary - Reserve Pit Contents Mix/Blend Results

Analytical Parameter		Reserve Pit											Last Update: 2/6/2011	
(with units)		RP Mix Blend #1 1/4/12	RP Mix Blend #2 1/18/12	RP Mix Blend #3 1/18/12	RP Mix Blend #4 1/20/12	RP Mix Blend #5 1/20/12	RP Mix Blend #6 1/25/12	RP Mix Blend #7 1/25/12	RP Mix Blend #8 1/26/12	RP Mix Blend #9 1/26/12	RP Mix Blend #10 2/1/12	RP Mix Blend #11 2/1/12	COGCC Table 910-1 Allowable Levels	
Accutest Job #	D30797	D31168	D31168	D31168	D31246	D31246	D31352	D31352	D31412	D31412	D31570	D31570		
Sample Type (Composite/Discrete)	C	C	C	C	C	C	C	C	C	C	C	C	-	
TPH (GRO) (mg/Kg)	10	-	-	-	-	-	-	-	-	-	-	-	-	
TPH (DRO) (mg/Kg)	211	-	-	-	-	-	-	-	-	-	-	-	-	
TPH (GRO + DRO) (mg/Kg)	221	-	-	-	-	-	-	-	-	-	-	-	500	
Benzene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	0.170	
Toluene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	85	
Ethylbenzene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	100	
Xylenes (total) (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	175	
Acenaphthene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	1000	
Anthracene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	1000	
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)	ND	-	-	-	-	-	-	-	-	-	-	-	22	
Dibenzo(A,H)anthracene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	0.022	
Fluoranthene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	1000	
Fluorene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	1000	
Indo(1,2,3-C,D)pyrene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	0.22	
Napthalene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	23	
Pyrene (mg/Kg)	ND	-	-	-	-	-	-	-	-	-	-	-	1000	
Electrical Conductivity (mmhos/cm)	6.73	-	-	-	-	-	-	-	-	-	-	-	<4 or 2X BG	
Sodium Adsorption Ratio (SAR)	7.84	-	-	-	-	-	-	-	-	-	-	-	<12	
pH	10.95	-	-	-	-	-	-	-	-	-	-	-	6-9	
Arsenic (mg/kg)	4.2	3.8	3.8	3.8	4.3	4.2	4.5	6.1	3.4	4.1	10.91	10.83	0.39	
Barium (mg/kg)	3,870	6,040	4,910	4,910	5,890	5,670	5,700	7,010	5,510	3,730	5,310	5,640	15000	
Cadmium (mg/kg)	<1.3	-	-	-	-	-	-	-	-	-	-	-	70	
Chromium (III) (mg/Kg)	22.6	-	-	-	-	-	-	-	-	-	-	-	120000	
Chromium (VI) (mg/Kg)	<0.52	-	-	-	-	-	-	-	-	-	-	-	23	
Copper (mg/kg)	9.3	-	-	-	-	-	-	-	-	-	-	-	3100	
Lead (inorganic) (mg/kg)	10.6	-	-	-	-	-	-	-	-	-	-	-	400	
Mercury (mg/kg)	<0.14	-	-	-	-	-	-	-	-	-	-	-	23	
Nickel (mg/kg)	10.9	-	-	-	-	-	-	-	-	-	-	-	1600	
Selenium (mg/kg)	<6.7	-	-	-	-	-	-	-	-	-	-	-	390	
Silver (mg/kg)	<4.0	-	-	-	-	-	-	-	-	-	-	-	390	
Zinc (mg/kg)	35.6	-	-	-	-	-	-	-	-	-	-	-	23000	
% Solids	75.1	78.5	81.2	81.2	81.1	79.3	79.3	76	77.5	80.1	86.9	80.9	-	

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 background levels.
- 3) "-" indicates no analysis.



0 50 100
SCALE IN FEET
1"=100'



FIGURE 1
PICEANCE CREEK
FRU 297-28C
SAMPLE LOCATIONS WITH
ARSENIC LEVELS
PREPARED FOR XTO ENERGY

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

FIGURE		NOTES:	
1			
DATE	REVISIONS		

DESIGNED: DK	CHECKED: JH	FIGURE 1
DATE: 2/7/12	DRAWN: DRF	
FILE NAME: sample ars all		SHEET NO. 1 of 1
PROJECT NO. 1108-08A		SCALE: 1"=100'