

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



02	01	04	05
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RECEIVED
2/1/2012

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)

1. OGCC Operator Number: 100264	4. Contact Name: Jessica Dooling	Complete the Attachment Checklist GP OGCC
2. Name of Operator: XTO Energy Inc	Phone: 970-675-4122	
3. Address: 9127 S Jamacia Drive City: Englewood State: CO Zip: 80112	Fax: 970-675-4150	
5. API Number: 05-103-11099	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Freedom Unit	7. Well/Facility Number: FRU 197-33A	Directional Survey
8. Location (Qtr/Otr, Sec, Twp, Rng, Meridian): SWSE, Sec 33, T1S, R97W, 6th PM		Surface Eqpm Diagram
9. County: Rio Blanco	10. Field Name: Freedom Unit	Technical Info Page
11. Federal, Indian or State Lease Number: COC 60722		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	<input type="checkbox"/>	F N/L/F/SL	<input type="checkbox"/>	F E/L/F/Y/L	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines	<input type="checkbox"/>				
Change of Bottomhole Footage from Exterior Section Lines	<input type="checkbox"/>				
Change of Bottomhole Footage to Exterior Section Lines	<input type="checkbox"/>				

Bottomhole location Qtr/Otr, 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 NUMBER
From: _____
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 (6 mos 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 for Spills and Releases
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other see page 2	

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: 2/1/2012 Email: jessica_dooling@xtoenergy.com
Print Name: Jessica Dooling Title: Environmental Coordinator

COGCC Approved: Chris Canfield Title: FOR Date: 02/07/2012

CONDITIONS OF APPROVAL, IF ANY:
Chris Canfield
EPS NW Region

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number:	100264	API Number:	05-103-11099
2. Name of Operator:	XTO Energy Inc.	OGCC Facility ID #	
3. Well/Facility Name:	Freedom Unit	Well/Facility Number:	FRU 197-33A
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SWSE, Sec 33, T1S, 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 197-33A locaiton. COGCC Table 910-1 Concentration Levels list the allowable concentration level for arsenic in soil at 0.39 mg/kg. However, COGCC has allowed 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.

Five representative background samples were collected from undisturbed areas adjacent to the subject location. Arsenic concentrations in those samples ranged from 3.7 mg/kg to 12.6 mg/kg. Applying the 10% variability factor to the highest concentration detected results in an allowable arsenic concentration level of 13.9 mg/kg.

Attached please find the Lab Data Summary Table, Lab Report D27140 and the Site Map indicating arsenic sampling locations attached.

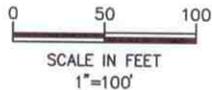
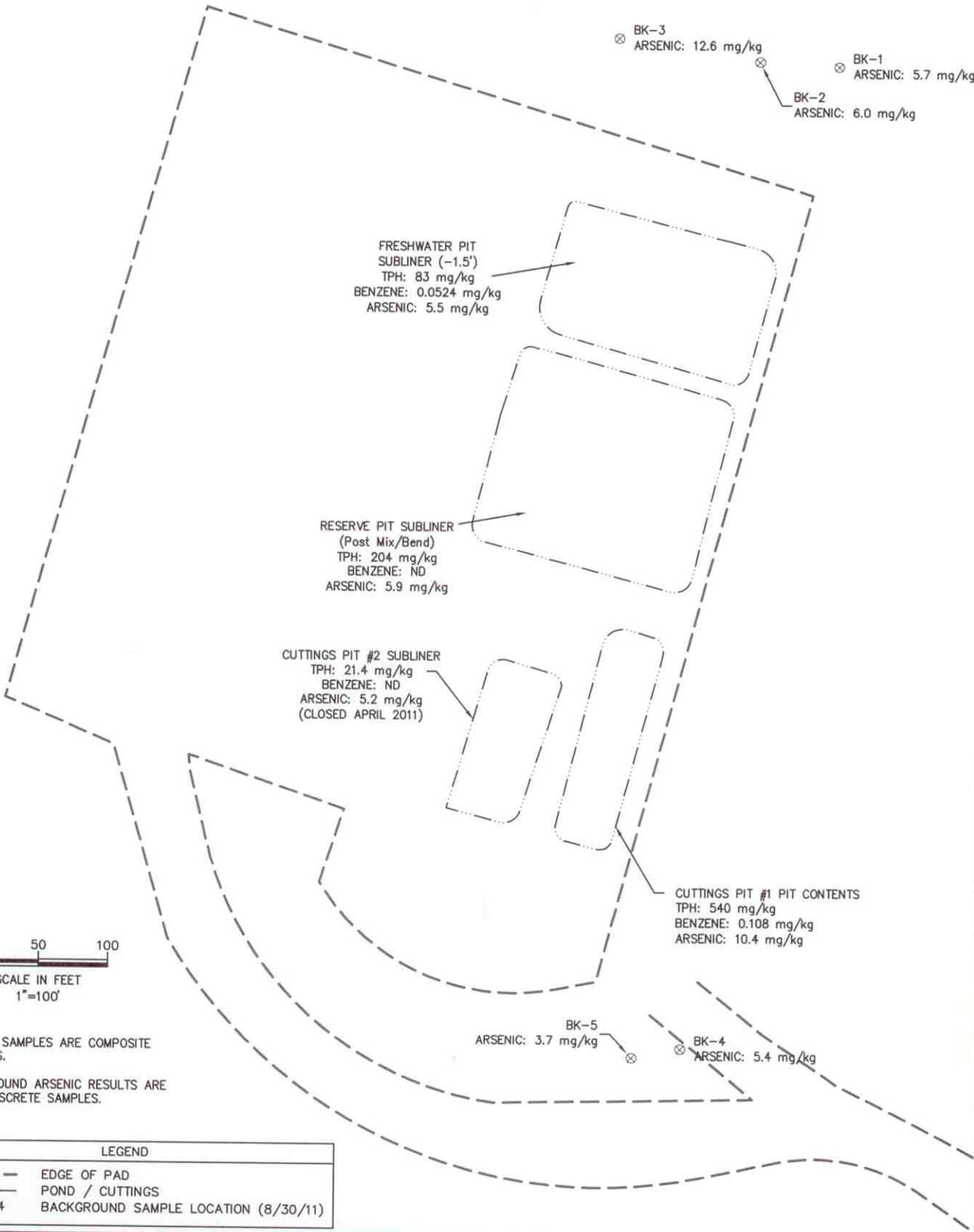
Table 1
Location: FRU 197-33A
Lab Summary

Updated: 2/1/2012

Analytical Parameter (with units)	Fresh Water Pit				Reserve Pit				Cuttings #1			Cuttings #2			Background 08/30/11					Lone Spoil	COGCC	Background
	FW Pit Contents 8/19/11	FW Subliner 11/14/11	FW Subliner - 1.5' 11/30/11	Backfill Material 10/26/11	Res Pit Contents 8/19/11	Res Pit Subliner 11/4/11	Res Pit Subliner Post Mix Blend 11/18/11	Res Backfill Cut #2 Pit MixBlend 10/25/11	Cut #1 Pit Contents 1/06/12	Pit Subliner date	Cut #1 Pit Backfill date	Cut #2 Pit Contents 4/06/11	Pit Subliner 4/06/11	Cut #2 Pit Backfilled April 2011 ⁵	#1	#2	#3	#4	#5	10/24/2011	Table 910-1 Allowable Levels	Maximum based on Background
Accutest Job #	D26811	D29455	D29896	D28945	D26811	D29207	D29647	D28910	D30890													
Sample Type (Composite/Discrete)	C	C	C	C	C	C	C	C	C													
TPH (GRO) (mg/Kg)	21100	51.8	ND	ND	9410	30	14.6	ND	57.0													
TPH (DRO) (mg/Kg)	288000	2710	83.0	ND	295000	752	189	ND	483													
TPH (GRO + DRO) (mg/Kg)	309100	2761.8	83.0	ND	304410	782	204	ND	540													
Benzene (mg/Kg)	140	ND	0.0524	ND	39.6	ND	ND	0.122	0.108													
Toluene (mg/Kg)	1220	ND	0.130	ND	424	ND	ND	0.382	0.845													
Ethylbenzene (mg/Kg)	187	0.043	0.0338	ND	44.2	ND	ND	0.0585	0.243													
Xylenes (total) (mg/Kg)	3060	0.973	0.148	ND	1180	0.215	ND	0.432	1.33													
Acenaphthene (mg/Kg)	ND	-	ND	-	2.64	ND	ND	ND	ND													
Anthracene (mg/Kg)	ND	-	ND	-	ND	ND	ND	ND	ND													
Benzo(A)anthracene (mg/Kg)	ND	-	ND	-	ND	ND	ND	ND	ND													
Benzo(B)fluoranthene (mg/Kg)	ND	-	ND	-	ND	ND	ND	ND	ND													
Benzo(K)fluoranthene (mg/Kg)	ND	-	ND	-	ND	ND	ND	ND	ND													
Benzo(A)pyrene (mg/Kg)	ND	-	ND	-	ND	ND	ND	ND	ND													
Chrysene (mg/Kg)	ND	-	0.0013	-	ND	ND	ND	ND	ND													
Dibenzo(A,H)anthracene (mg/Kg)	ND	-	ND	-	ND	ND	ND	ND	ND													
Fluoranthene (mg/Kg)	ND	-	ND	-	ND	ND	ND	ND	ND													
Fluorene (mg/Kg)	77.9	-	0.0205	-	9.56	0.166	0.080	ND	0.0525													
Indeno(1,2,3,C,D)pyrene (mg/Kg)	ND	-	ND	-	ND	ND	ND	ND	ND													
Napthalene (mg/Kg)	103	-	0.021	-	20.6	ND	ND	0.215	0.315													
Pyrene (mg/Kg)	ND	-	ND	-	0.354	ND	ND	ND	ND													
Electrical Conductivity (mmhos/cm)	2.02	-	2.11	-	3.98	0.83	1.11	1.42	6.05													
Sodium Adsorption Ratio (SAR)	23.9	-	7.42	-	34.8	11.9	11.5	11.4	89.1													
pH	7.79	-	9.77	-	9.42	10.06	10.08	9.93	11.85													
Arsenic (mg/kg)	6.7	-	5.5	-	7	9.4	5.9	5.6	10.4													
Barium (mg/kg)	21200	-	420	-	36700	826	1090	5850	3640													
Cadmium (mg/kg)	<3.9	-	<1.1	-	<4.7	<1.1	<1.1	<1.1	1.8													
Chromium (III) (mg/Kg)	80.7	-	18.2	-	91.9	32.6	33.1	39.1	12.9													
Chromium (VI) (mg/Kg)	<1.6	-	<0.43	-	2.7	<0.44	<0.44	<0.45	<0.49													
Copper (mg/kg)	48	-	<11	-	113	13	11.8	15.1	29.9													
Lead (inorganic) (mg/kg)	<20	-	<55	-	<23	12.1	11.5	13.8	40.5													
Mercury (mg/kg)	2.1	-	<0.11	-	1.3	<0.11	<0.11	<0.12	<0.12													
Nickel (mg/kg)	19.5	-	12.3	-	20.6	18.5	15.6	20.7	13.1													
Selenium (mg/kg)	<98	-	<5.5	-	<120	<5.5	<5.7	<28	<6.1													
Silver (mg/kg)	<12	-	<3.3	-	<14	<3.3	<3.4	<3.3	<3.7													
Zinc (mg/kg)	66.7	-	27.2	-	56.2	45.1	44.1	34.5	37.5													
% Solids	24.6	88.3	92.4	87.9	22.3	88.6	90.1	86.5	79.7													

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) Cut 2 Backfilled with on site spoils. No visual staining or odor observed. QA performed by KRW.



NOTES:

1. ALL PIT SAMPLES ARE COMPOSITE SAMPLES.
2. BACKGROUND ARSENIC RESULTS ARE FROM DISCRETE SAMPLES.

LEGEND	
---	EDGE OF PAD
----	POND / CUTTINGS
⊗ BK-4	BACKGROUND SAMPLE LOCATION (8/30/11)

DESIGNED: -	CHECKED: DK	FIGURE 1	NOTES:
DATE: 2/1/12	DRAWN: DRF		
FILE NAME: sample ars rev1	SHEET NO. 1 of 1	DATE	REVISIONS
PROJECT NO. 1103-03A	SCALE: 1"=100'		

KRW CONSULTING, INC.
8000 W. 14TH AVENUE, SUITE 200
LAKEWOOD, COLORADO
(303) 238-9011

FIGURE 1
PICEANCE CREEK
FRU 197-33A
SAMPLE LOCATIONS WITH
ARSENIC LEVELS
PREPARED FOR XTO ENERGY

s:\proj\exxonmobil environmental\1103-03a fru 197-33a\dwg\sample ars rev1.dwg,2/1/12