

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
1/20/2012

1. OGCC Operator Number 100264	4. Contact Name Jessica Dooling	Complete the Attachment Checklist OP OGCC
2. Name of Operator: XTO Energy Inc	Phone 970-675-4122	
3. Address: 9127 S. Jamaica Drive	Fax 970-675-4150	
City Englewood State CO Zip 80112		
5. API Number 05-103-11128	OGCC Facility ID Number Freedom Unit 297-2081-89	Survey Plat
6. Well/Facility Name: Freedom Unit	7. Well/Facility Number FRU 297-208	Directional Survey
8. Location (Ctr/Dir, Sec, Twp, Rng, Meridian) NW/NE, 20, 2S, 97W, 6th		Surface Equip Diagram
9. County Rio Blanco	10. Field Name Freedom Unit	Technical Info Page X
11. Federal, Indian or State Lease Number COC 60723		Other

Pit Facility ID
293830Location ID
335899

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"/> F1/F2/F3/F4 <input type="checkbox"/> F5/F6/F7/F8
Change of Surface Footage to Exterior Section Lines	<input type="checkbox"/> F1/F2/F3/F4 <input type="checkbox"/> F5/F6/F7/F8
Change of Bottomhole Footage from Exterior Section Lines	<input type="checkbox"/> F1/F2/F3/F4 <input type="checkbox"/> F5/F6/F7/F8
Change of Bottomhole Footage to Exterior Section Lines	<input type="checkbox"/> F1/F2/F3/F4 <input type="checkbox"/> F5/F6/F7/F8
Bottomhole location Ctr/Dir, Sec, Twp, Rng, Mer	attach directional survey
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 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 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: Jessica Dooling Date: 1/20/2012 Email: jessica.dooling@xtoenergy.comPrint Name: Jessica Dooling Title: Environmental CoordinatorCOGCC Approved: Chris Camfield Title: FOR Date: 02/07/2012

CONDITIONS OF APPROVAL IF ANY:

Chris Camfield
EPS NW RegionArdenic OK ✓
cdc

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: 100264 API Number: 05-103-11128
2. Name of Operator: XTO Energy Inc. OGCC Facility ID # Freedom Unit 297-B1-B9
3. Well/Facility Name: Freedom Unit Well/Facility Number: FRU 297-20B
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NW/NW, Sec 20, 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 297-20B 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 7.2 mg/kg to 8.3 mg/kg. Applying the 10% variability factor to the highest concentration detected results in an allowable arsenic concentration level of 9.13 mg/kg.

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

Table 1
Location: FRU 297-20B
Lab Summary

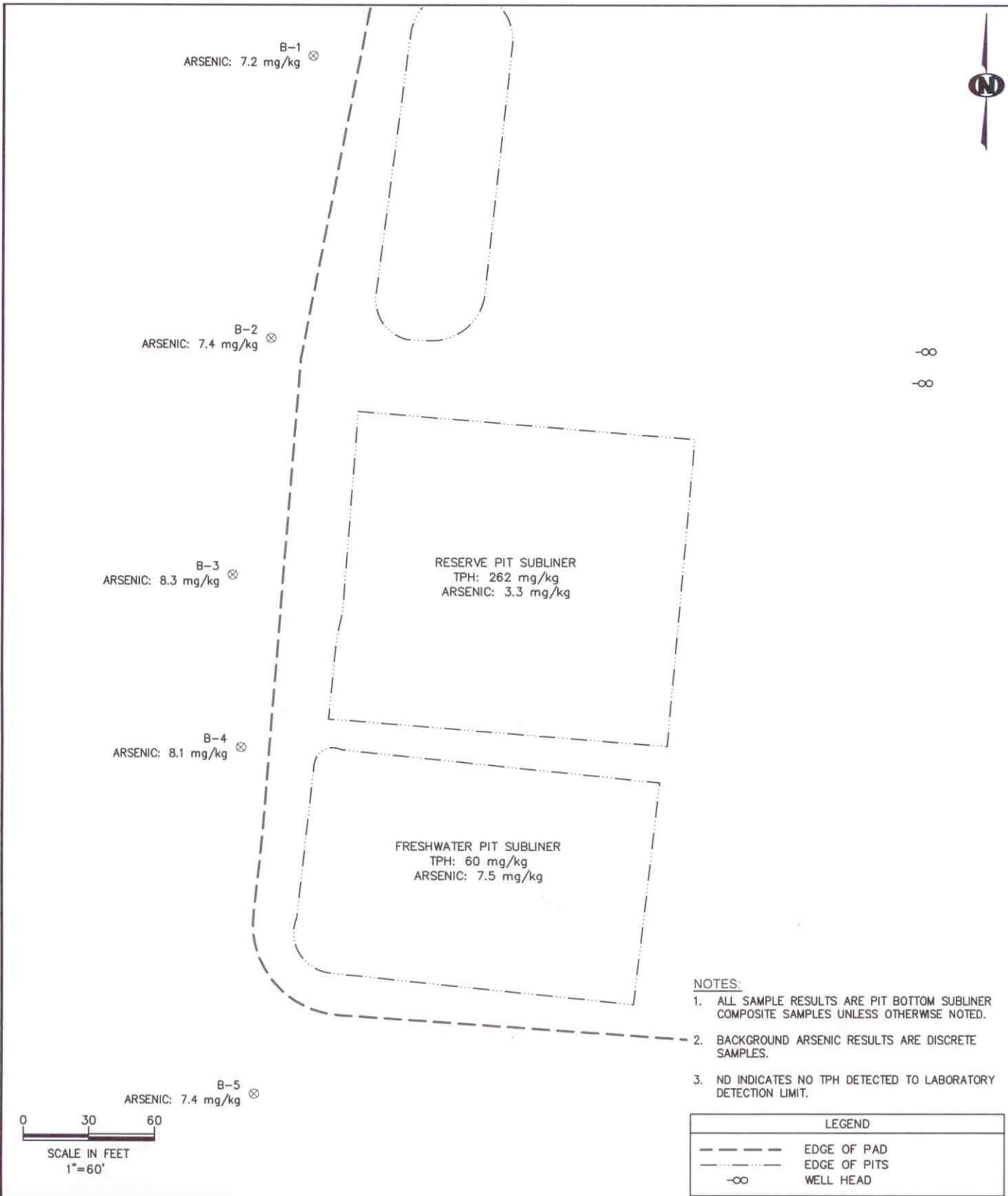
Updated:
1/20/12

Analytical Parameter		Fresh Water Pit		Reserve Pit		Background					COGCC
(with units)	FW Subliner 12/8/11	FW Pit Backfill 10/31/11	Res Pit Contents 10/27/11	Res Pit Subliner 11/10/11	Res Pit Backfill 10/31/11	#1	#2	#3	#4	#5	Table 910-1 Concentration Levels
	D30145	D29054	C	C	C						
Acctest Job #											
Sample type (composited/discrete)											
TPH (GRO) (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	-
TPH (DRO) (mg/Kg)	60	ND	6,050	262	ND	-	-	-	-	-	-
TPH (GRO + DRO) (mg/Kg)	60	ND	6,050	262	ND	-	-	-	-	-	500
Benzene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	0.170
Toluene (mg/Kg)	ND	ND	0.387	ND	ND	-	-	-	-	-	85
Ethylbenzene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	100
Xylenes (total) (mg/Kg)	ND	ND	0.961	ND	ND	-	-	-	-	-	175
Acenaphthene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	1000
Anthracene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	1000
Benzo(A)anthracene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	0.22
Benzo(B)fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	0.22
Benzo(K)fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	2.2
Benzo(A)pyrene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	0.022
Chrysene (mg/Kg)	0.0013	ND	ND	ND	ND	-	-	-	-	-	22
Dibenzo(A,H)anthracene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	0.022
Fluoranthene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	1000
Fluorene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	1000
Indeno(1,2,3-C,D)pyrene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	0.22
Naphthalene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	23
Pyrene (mg/Kg)	ND	ND	ND	ND	ND	-	-	-	-	-	1000
Electrical Conductivity (mmhos/cm)	1,400	-	10.50	0.9	-	-	-	-	-	-	<4 or 2X BG
Sodium Adsorption Ratio (SAR)	19.7	-	15.2	10.1	-	-	-	-	-	-	<12
pH	9.98	-	12.46	9.67	-	-	-	-	-	-	6-9
Arsenic (mg/kg)	7.5	-	4.4	3.3	-	7.2	7.4	8.3	8.1	7.4	0.39
Barium (mg/kg)	326.0	-	19,200	1380	-	-	-	-	-	-	15000
Cadmium (mg/kg)	<1.2	-	<2.1	<1.2	-	-	-	-	-	-	70
Chromium (III) (mg/Kg)	29.5	-	15.4	21.6	-	-	-	-	-	-	120000
Chromium (VI) (mg/Kg)	1.0	-	<0.88	<0.47	-	-	-	-	-	-	23
Copper (mg/kg)	6.4	-	21.7	5.9	-	-	-	-	-	-	3100
Lead (inorganic) (mg/kg)	13.6	-	<11	13.1	-	-	-	-	-	-	400
Mercury (mg/kg)	<0.12	-	<0.2	<0.11	-	-	-	-	-	-	23
Nickel (mg/kg)	12.9	-	11.2	9.1	-	-	-	-	-	-	1600
Selenium (mg/kg)	<6.1	-	<110	<5.8	-	-	-	-	-	-	390
Silver (mg/kg)	<3.6	-	<6.3	<3.5	-	-	-	-	-	-	390
Zinc (mg/kg)	41.2	-	26.9	35.7	-	-	-	-	-	-	23000

Notes:

- 1) Freshwater pit contained de minimus contents; i.e. there was insufficient volume of material to collect a sample. Freshwater pit was used to stage solidified reserve pit contents prior to liner removal.
- 2) ND = not detectable to the laboratory detection limit.
- 3) Results highlighted in yellow exceed Table 910-1 parameters. Results highlighted in gray exceed Table 910-1, but are within area background levels.
- 4) "-" indicates no analysis.
- 5) One representative backfill sample was collected from native stockpiled soils to be used in backfilling one or more of the pits.
- 6) See site map (Figure 1) for pit configuration and sample locations

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DESIGNED: DK	CHECKED: JH	FIGURE 1	NOTES:	KRW CONSULTING, INC. 8000 W. 14TH AVENUE, SUITE 200 LAKEWOOD, COLORADO (303) 239-9011	FIGURE 1 PICEANCE CREEK FRU 297-20B SITE MAP WITH SELECT TPH AND ARSENIC RESULTS PREPARED FOR XTO ENERGY
DATE: 1/20/12	DRAWN: DRF				
FILE NAME: tpa arsenic	SHEET NO. 1 of 1	DATE	REVISIONS		
PROJECT NO. 1108-01A	SCALE: 1"=60'				