District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or	
Proposed Alternative Method Permit or Closure Plan Applic	ation at in the state of the st
Closure of a pit, closed-loop system, below-grade tank, or proposed alt Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted	ernative method
	tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surf	face water, ground water or the
Operator: XTO Energy, Inc OGRID #: 5380	
Address: 382 Road 3100, Aztec, New Mexico 87410	DOUD GOT OF
Facility or well name: Bolack B #5	RCVU UCI 26'12
Proposed Alternative Method Permit or Closure Plan Application Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank, or alternative request Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations, or ordinance Operator: XTO Energy, Inc. OGRID #: 5380	
U/L or Qtr/Qtr J Section 31 Township 27N Range 8W County: San Juan	vi31. 3
Center of Proposed Design: Latitude N 36.52845 Longitude W -107.71881 NAD: ☐1927 ☐ 1983	
Surface Owner: 🛮 Federal 🗌 State 🔲 Private 🔲 Tribal Trust or Indian Allotment	,
2.	
Pit: Subsection F or G of 19.15.17.11 NMAC	RCVD MAY 23'12
	OIL CONS. DIV.
	DIST. 3
	x W x D '
Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior	approval of a permit or notice of
,	
Lined Unlined Liner type Thicknessmil LLDPE HDPE PVC Other	
Liner Seams: Welded Factory Other	
4.	
Volume: 21bbl Type of fluid: Produced Water	
Tank Construction material: <u>Steel</u>	
Secondary containment with leak detection [Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off	
☐ Visible sidewalls and liner ☑ Visible sidewalls only ☐ Not labeled	
Liner type: Thicknessmil	
/5.	
Alternative Method:	

Form C-144 Oil Conservation Division Page 1 of 5

Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks) Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school,	hospital
institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet	nospitali,
Alternate. Plcase specify	
Netting: Subsection E of 19.15.17 11 NMAC (Applies to permanent pits and permanent open top tanks)	
☐ Screen ☐ Notting ☐ Other	
Monthly inspections (If netting or screening is not physically feasible)	
8. Signs: Subsection C of 19.15.17.11 NMAC	
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
Signed in compliance with 19 15.3.103 NMAC	
9. Administrative Approvals and Exceptions:	
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank:	
Administrative approval(s) Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau consideration of approval.	office for
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approoffice or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dry above-grade tanks associated with a closed-loop system.	priate district pproval.
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map, Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	
(Applies to permanent puts) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No ☐ NA
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended.	☐ Yes ☐ No
Within 500 feet of a wetland.	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☐ No
Within a 100-year floodplain. FEMA map	☐ Yes ☐ No

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.	
Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC	
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15 17.9 NMAC and 19.15.17.13 NMAC	
Previously Approved Design (attach copy of design) API Number: or Permit Number:	_
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.	
Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC	
Previously Approved Design (attach copy of design) API Number:	
Previously Approved Operating and Maintenance Plan API Number:	
13. Downward Dita Downit Amelication Chaptilist. Subscript D of 10.15 17.0 NIMAC	=
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17 9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are	
attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC	
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	
☐ Climatological Factors Assessment ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC	
Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC	
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC	
☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15 17.11 NMAC ☐ Quality Control/Quality Assurance Construction and Installation Plan	
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC	
 ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC ☐ Nuisance or Hazardous Odors, including H₂S, Prevention Plan 	
☐ Emergency Response Plan	
☐ Oil Field Waste Stream Characterization ☐ Monitoring and Inspection Plan	
☐ Erosion Control Plan	
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15 17.9 NMAC and 19.15 17.13 NMAC	
Proposed Closure: 19.15.17.13 NMAC	
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.	
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative	
Proposed Closure Method: Waste Excavation and Removal	
 Waste Removal (Closed-loop systems only) □ On-site Closure Method (Only for temporary pits and closed-loop systems) 	
☐ In-place Burial ☐ On-site Trench Burial	
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)	
Waste Excavation and Removal Closure Plan Checklist: (19.15.17 13 NMAC) Instructions: Each of the following items must be attached to the	
closure plan. Please indicate, by a check mark in the box, that the documents are attached.	
 ✓ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC ✓ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC 	
☑ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)	
 Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC 	
Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17 13 NMAC	

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13 Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if	
facilities are required.	we mun inv
Disposal Facility Name: Disposal Facility Permit Number:	
Disposal Facility Name: Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future ser Yes (If yes, please provide the information below) No	
Required for impacted areas which will not be used for future service and operations: Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19 15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	С
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate dist considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Just demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	rict office or may be
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site, Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database, Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes No
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map: Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No
Within a 100-year floodplain - FEMA map	☐ Yes ☐ No
On-Site Closure Plan Checklist: (19.15 17.13 NMAC) Instructions: Each of the following items must be attached to the closure publy a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC	lan. Please indicate,
Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19 Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC	15.17.11 NMAC
Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards canr Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	not be achieved)

Operator Application Certification: I hereby certify that the information submitted with this application is true, accurately.	arate and complete to the best of my knowledge and belief.
Name (Print):Logan Hixon	Title: Environmental Technician
Signature: Joyan Histor	Date: _5-21-2012
E-mail address:Logan_Hixon@xtoenergy.com	Telephone505-333-3683
20. OCD Approval: Permit Application (including closure plan) Closure	Plan (only) DCD Conditions (see attachment)
OCD Representative Signature:	Jonath D. Killy 1929/2012 Approval Date: 5/24/2012
Title: Comphance Officer	OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection Instructions: Operators are required to obtain an approved closure plan prior The closure report is required to be submitted to the division within 60 days of section of the form until an approved closure plan has been obtained and the content of the form until an approved closure plan has been obtained and the content of the form until an approved closure plan has been obtained and the content of the form until an approved closure plan has been obtained and the content of the form until an approved closure plan has been obtained and the content of the form until an approved closure plan has been obtained and the content of the form until an approved closure plan has been obtained and the content of the form until an approved closure plan prior the closure plan plan prior the closure plan plan prior the closure plan plan plan plan plan plan plan plan	to implementing any closure activities and submitting the closure report. The completion of the closure activities. Please do not complete this
	Closure Completion Date: 1/10/1/2
22. Closure Method: ☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Altern ☐ If different from approved plan, please explain	native Closure Method Waste Removal (Closed-loop systems only)
23. Closure Report Regarding Waste Removal Closure For Closed-loop System Instructions: Please indentify the facility or facilities for where the liquids, dr two facilities were utilized.	
	nit Number:
Disposal Facility Name:	
Were the closed-loop system operations and associated activities performed on the items below. It is a very look of the items below. It is not the items below.	or in areas that will not be used for future service and operations?
Required for impacted areas which will not be used for future service and operation Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	ilions:
24. Closure Report Attachment Checklist: Instructions: Each of the following	itoms must be attached to the closure report. Please indicate by a check
mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation)	
	ntude NAD:
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure belief. I also certify that the closure complies with all applicable closure required.	ements and conditions specified in the approved closure plan.
Name (Print) Logan Hixon	Title: FHTS Technician
Signature:	Date:
E-mail address Logan-Hixon OxTo energy a	MTclephone: 505 333-3683

District I
1625 N French Dr., Hobbs, NM 88240
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State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Revised October 10, 2003

Form C-141

Release Notification and Corrective Action

		OPERA	ror		✓ Initia	al Report		Final Report
Name of Company: XTO Energy, Inc.		Contact: Lo						
Address: 382 Road 3100, Aztec, New Mexico 87410			No.: (505) 333-3					
Facility Name: Bolack B #5 (API 30-045-11823)		Facility Typ	e: Gas Well (Da	akota)				
Surface Owner: Federal Mineral C	Owner:]	Lease N	lo.: NMSF	07923	2
LOCA	ATIO	N OF REI	LEASE					
Unit Letter Section Township Range Feet from the 31 27 N 8 W 1850	North	South Line FSL	Feet from the 1625	East/We	est Line EL	County San Juan (County	
Latitude: N	1 <u>36.5284</u>	5Longitude	: W <u>-107.71881</u>					
NA7	TURE	OF RELI	EASE					
Type of Release: Produced Water			Release: Unknov			Recovered:		
Source of Release: 21 bbl BGT		Unknown	lour of Occurrenc		Date and May 30, 2	Hour of Dis 2012	covery:	
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not R	Required	If YES, To	Whom?					_
By Whom?		Date and H	lour:					
Was a Watercourse Reached?			lume Impacting t	the Water	course.	;		
☐ Yes ☒ No								
If a Watercourse was Impacted, Describe Fully.*								
Describe Cause of Problem and Remedial Action Taken.* The below grade tank was taken out of service at the Bolack B #5	5 wall cit	a dua to tha n	lucaing and abon	donina of	thic wall	cita A com	nocita e	sample was
collected beneath the location of the on-site BGT, and submitted								
via USEPA Method 8021, and for total chlorides. The sample ret	urned res	sults below th	e 'Pit Rule' spill	confirmat				
Total BTEX, but above the 'pit rule' standards for TPH, confirming	ing that a	release had	occurred at this lo	cation.				
Describe Area Affected and Cleanup Action Taken.*		·-·						·
Based on TPH results of 1330 ppm via USEPA Method 418.1, it	has been	confirmed th	at a release had o	occurred a	t this loca	tion.		
I hereby certify that the information given above is true and comp	nlete to t	he best of my	knowledge and u	ınderstand	that nurs	uant to NM	OCD ri	iles and
regulations all operators are required to report and/or file certain								
public health or the environment. The acceptance of a C-141 rep	ort by th	e NMOCD m	arked as "Final R	leport" do	es not reli	ieve the ope	rator of	liability
should their operations have failed to adequately investigate and or the environment. In addition, NMOCD acceptance of a C-141								
federal, state, or local laws and/or regulations.	report a	oes not renev	e the operator of	responsib	inty for c	omphance v	viiii any	omer
			OIL CON	SERVA	ATION	DIVISIO	<u>)N</u>	
Signature: Joyan Hison								
Signature:		Annroyed by	District Supervis	or				
Printed Name: Logan Hixon				,				
Title: Environmental Technician		Approval Da	te:	E	xpiration	Date:		
E-mail Address: Logan_Hixon@xtoenergy.com		Conditions of	f Approval:			Attached	П	
Date: 10/17/17 Phone: 505-333-	3683							

XTO Energy Inc. San Juan Basin Below Grade Tank Closure Report

Lease Name: Bolack B #5 API No.: 30-045-11823

Description: Unit J, Section 31, Township 27N, Range 8W, San Juan County

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure requirements of below-grade tanks on XTO Energy Inc. (XTO) locations. This is XTO's standard procedure for all below-grade tanks. A separate plan will be submitted for any below-grade tank which does not conform to this plan.

General Plan

1. XTO will close below-grade tanks within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the division requires because of imminent danger to fresh water, public health or the environment.

Closure Date is September 18, 2012

2. XTO will close a below-grade tank that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years after June 16, 2008, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC.

Closure Date is September 18, 2012

3. XTO will close a permitted below-grade tank within 60 days of cessation of the below-grade tank's operation or as required by the transitional provisions of Subsection B of 19.15.17.17 NMAC in accordance with a closure plan that the appropriate division district office approves. The closure report will be filed on form C-144.

Required C-144 Form is attached to this document.

4. XTO will remove liquids and sludge from below-grade tanks prior to implementing a closure method and will dispose of the liquids and sludge in a division-approved facility. Approved facilities and waste streams include:

Envirotech Permit No. NM01-0011 and IEI Permit No. NM 01-0010B

Soil contaminated by exempt petroleum hydrocarbons

Produced sand, pit sludge and contaminated bottoms from storage of exempt wastes

Basin Disposal Permit No. NM01-005 Produced water

All liquids and sludge were removed from the tank prior to closure activities.

5. XTO will remove the below-grade tank and dispose of it in a division approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.

XTO has removed the below grade tank, and will dispose of it at a division approved facility, or recycle, reclaim or reuse it in a manner that is approved by the division.

6. XTO will remove any on-site equipment associated with a below-grade tank unless the equipment is required for some other purpose.

All equipment has been removed due to the plugging and abandoning of the Bolack B #5

At a minimum 5 point composite sample will be collected along with individual grab samples from any area that is wet, discolored or showing other evidence of a release. Samples will be analyzed for BTEX, TPH and chlorides to demonstrate that the benzene concentration, as determined by EPA SW-846 methods 8021B or 8260B or EPA method that the division approves, does not exceed 0.2 mg/kg; total BTEX concentration, as determined by EPA SW-846 methods 8021B or 8260B or other EPA method that the division approves, does not exceed 50 mg/kg; the TPH concentration, as determined by EPA method 418.1 or other EPA method that the division approves, does not exceed 50 mg/kg; and the chloride concentration, as determined by EPA method 300.1 or other EPA method that the division approves, does not exceed 250 mg/kg, or the background concentration, whichever is greater. XTO will notify the division of its results on form C-141.

A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached).

Components	Test Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	< 0. 0029mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	< 0. 0696mg/kg
ТРН	EPA SW-846 418.1	100	1330 mg/kg
Chlorides	EPA 300.1	250 or background	92 mg/kg
TPH (Spill Rule)	8015	100	100 mg/kg

8. If XTO or the division determines that a release has occurred, XTO will comply with 19.15.3.116 NMAC and 19.15.1.19NMAC as appropriate.

Due to TPH results of 1330 PPM, a release has been confirmed for this location. A C-141 Release Notification form will be sent outlining any remediation activities taken regarding this release.

9. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Paragraph (4) of Subsection E of 19.15.17.13 NMAC, XTO will backfill the excavation with compacted, non-waste containing, earthen material; construct a division prescribed soil cover; recontour and re-vegetate the site.

The pit cellar was backfilled using compacted, non-waste containing earthen material, with a division prescribed soil cover.

10. Notice of Closure operations will be given to the Aztec Division District III office between 72 hours and one week prior to the start of closure activities via email or verbally. The notification will include the following:

- i. Operator's name
- ii. Well Name and API Number
- iii. Location by Unit Letter, Section, Township, and Range

Notification was provided to Mr. Brandon Powell with the Aztec office of the OCD via email on May 23, 2012; see attached email printout.

The surface owner shall be notified of XTO's proposal to close the BGT as per the approved closure plan using certified mail, return receipt requested.

The surface owner was notified on May 23, 2012 via email. Email has been approved as a means of surface owner notification to the BLM by Brandon Powell, NMOCD Aztec Office.

11. Re-contouring of location will match fit, shape, line, form and texture of the surrounding area. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The location has been recontoured to match the above specifications.

12. A minimum of 4 feet of cover shall be achieved and the cover shall include 1 foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

The site has been backfilled to match these specifications.

13. XTO will seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will be used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

Site has been reclaimed pursuant to the BLM MOU.

- 14. All closure activities will include proper documentation and be available for review upon request and will be submitted in closure report form to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on form C-144 and incorporate the following:
 - i. Proof of closure notice to division and surface owner; attached
 - ii. Details on capping and covering, where applicable; per OCD Specifications
 - iii. Inspection reports; attached
 - iv. Confirmation sampling analytical results; attached
 - v. Disposal facility name(s) and permit number(s); see above
 - vi. Soil backfilling and cover installation; per OCD Specifications
 - vii. Re-vegetation application rates and seeding techniques, (or approved alternative to re-vegetation requirements if applicable); **Per BLM MOU.**
 - viii. Photo documentation of the site reclamation. attached
- 15. This closure report is being submitted after the 60 day deadline required by the 'Pit Rule' due to a unforeseen delay on final reclamation of this well site. This delay was due to remediation activities for impacted soil on this site during the reclamation activities.



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James McDaniel XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410

Report Summary

Wednesday May 30, 2012

Report Number: L575605 Samples Received: 05/16/12 Client Project:

Description: Bolack B 5

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BIO041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979

Accreditation is only applicable to the test methods specified on each scope of accreditation held Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

James McDaniel XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410

May 30,2012

ESC Sample # : L575605-01

Date Received : May 16, 2012 Description : Bolack B 5

Site ID :

Sample ID

: 21 BBL

Project # :

Collected By : Logan Hixon Collection Date : 05/14/12 10:24

Parameter ,	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	92.	12.	mg/kg	9056	05/17/12	1
Total Solids	85.8	0.100	%	2540G	05/23/12	1
Benzene Toluene Ethylbenzene Total Xylene	BDT BDT BDT BDT	0.0029 0.029 0.0029 0.0087	mg/kg mg/kg mg/kg mg/kg	8021B 8021B 8021B 8021B	05/18/12 05/18/12 05/18/12 05/18/12	5 5 5 5
Surrogate Recovery(%) a,a,a-Trifluorotoluene(PID)	98.6		% Rec.	8021B	05/18/12	5
TPH (GC/FID) Low Fraction Surrogate Recovery (70-130)	BDL	0.58	mg/kg	8015D/GRO	05/17/12	5
a,a,a-Trifluorotoluene(FID)	102.		% Rec.	602/8015	05/17/12	5
TPH (GC/FID) High Fraction Surrogate recovery(%)	100	4.7	mg/kg	3546/DRO	05/23/12	1
o-Terphenyl	66.5		% Rec.	3546/DRO	05/23/12	1

Results listed are dry weight basis. BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

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ESC Sample # : L575605-02

REPORT OF ANALYSIS

May 30,2012

James McDaniel XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410

Date Received : May 16, 2012 Description : Bolack B 5

Sample ID

: 120 BBL

Collected By : Logan Hixon

Site ID :

Project # :

Parameter					
Collection	Date	:	05/14/12	10:48	

Dry Result	Det. Limit	Units	Method	Date	Dil.
85.	11.	mg/kg	9056	05/17/12	1
92.3	0.100	8	2540G	05/23/12	1
BDL BDL BDL BDL	0.0027 0.027 0.0027 0.0027 0.0081	mg/kg mg/kg mg/kg mg/kg	8021B 8021B 8021B 8021B	05/18/12 05/18/12 05/18/12 05/18/12	5 5
98.6		% Rec.	8021B	05/18/12	5
BDL	0.54	mg/kg	8015D/GRO	05/17/12	5
101.		% Rec.	602/8015	05/17/12	5
BDL	4.3	mg/kg	3546/DRO	05/21/12	1
69.4		% Rec.	3546/DRO	05/21/12	1
	85. 92.3 BDL BDL BDL BDL BDL 101. BDL	85. 11. 92.3 0.100 BDL 0.0027 BDL 0.027 BDL 0.0027 BDL 0.0081 98.6 BDL 0.54 101. BDL 4.3	85. 11. mg/kg 92.3 0.100 % BDL 0.0027 mg/kg BDL 0.027 mg/kg BDL 0.0027 mg/kg BDL 0.0027 mg/kg BDL 0.0081 mg/kg 98.6 % Rec. BDL 0.54 mg/kg 101. % Rec. BDL 4.3 mg/kg	85. 11. mg/kg 9056 92.3 0.100 % 2540G BDL 0.0027 mg/kg 8021B BDL 0.027 mg/kg 8021B BDL 0.0027 mg/kg 8021B BDL 0.0081 mg/kg 8021B 98.6 % Rec. 8021B BDL 0.54 mg/kg 8015D/GRO 101. % Rec. 602/8015 BDL 4.3 mg/kg 3546/DRO	85. 11. mg/kg 9056 05/17/12 92.3 0.100 % 2540G 05/23/12 BDL 0.0027 mg/kg 8021B 05/18/12 BDL 0.027 mg/kg 8021B 05/18/12 BDL 0.0027 mg/kg 8021B 05/18/12 BDL 0.0027 mg/kg 8021B 05/18/12 BDL 0.0081 mg/kg 8021B 05/18/12 98.6 % Rec. 8021B 05/18/12 98.6 % Rec. 8021B 05/18/12 101. % Rec. 602/8015 05/17/12 BDL 4.3 mg/kg 3546/DRO 05/21/12

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:

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XTO Energy - San Juan Division James McDaniel 382 County Road 3100

Aztec, NM 87410

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Tax I.D 62-0814289

Est. 1970

Quality Assurance Report Level II

L575605

May 30, 2012

			tory Blank				
Analyte	Result	Units	% R∈	ec	Limit	Batch	Date Analyzed
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	< .1	mg/kg % Rec		0	59-128		05/16/12 20:4 05/16/12 20:4
Chloride	< 1	mg/kg				WG593199	05/17/12 16:3
Benzene Ethylbenzene Toluene Total Xylene a,a,a-Trifluorotoluene(PID)	< .0005 < .0005 < .005 < .0015	mg/kg mg/kg mg/kg mg/kg % Rec		.15	54-144	WG593521 WG593521 WG593521	05/18/12 14:: 05/18/12 14:: 05/18/12 14:: 05/18/12 14:: 05/18/12 14::
TPH (GC/FID) High Fraction o-Terphenyl	< 4	ppm % Rec	. 87.	.05	50-150		05/21/12 10:3 05/21/12 10:3
TPH (GC/FID) High Fraction o-Terphenyl	< 4	ppm % Rec	. 83.	.08	50-150		05/22/12 17:3 05/22/12 17:3
Total Solids	< .1	- %			=	WG593897	05/23/12 07:
Analyte	Units	Du _l Result	plicate Duplicate	RPD	Limit	Ref Sam	p Batch
Chloride	mg/kg	620.	600.	2.63	20	L575026	-04 WG59319
Total Solids	8	89.0	89.0	0.285	5	L575768	-03 WG59389
		Laboratory	Control Sam	ınle			
Analyte	Units	Known Val		sult	% Rec	Limit	Batch
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	5.5	6.85	5	125. 105.4	67-135 59-128	WG59312 WG59312
Chloride	mg/kg	200	213.		107.	80-120	WG5931
Benzene Ethylbenzene Toluene Total Xylene a,a,a-Trifluorotoluene(PID)	mg/kg mg/kg mg/kg mg/kg	.05 .05 .05 .15	0.04 0.04 0.04 0.13	113 129	83.2 82.7 85.7 86.4 98.86	76-113 78-115 76-114 81-118 54-144	WG59352 WG59352 WG59352 WG59352 WG59352
TPH (GC/FID) High Fraction o-Terphenyl	ppm	60	40.0)	66.6 69.28	50-150 50-150	WG59335 WG59335
TPH (GC/FID) High Fraction o-Terphenyl	ppm	60	48.0)	79 9 75.95	50-150 50-150	WG59401 WG59401
Total Solids * Performance of this Analyt	% a is outside of	50	50.0)	99.9	85-115	WG59389

Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division James McDaniel 382 County Road 3100

Aztec, NM 87410

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Quality Assurance Report Level II

L575605

May 30, 2012

Analyta	Ilma + =	Result	Ref	Sample Dupl %Rec		-1+	RPD	7 . m - +	Detrob
Analyte	Units	Result	KeI	*KeC		nit	RPD	Limit	Batch
TPH (GC/FID) Low Fraction	mg/kg	6.80	6.85	124.	67	-135	0 660	20	WG593
a,a,a-Trifluorotoluene(FID)				105.2	59	-128			WG593
Chloride	mg/kg	220.	213.	110	80	-120	3.23	20	WG593
Benzene	mg/kg	0.0415	0.0416	83.0	76	-113	0.150	20	WG593
Ethylbenzene	mg/kg	0.0414	0.0413	83.0		-115	0.180		WG593
Toluene		0.0408	0.0429	82.0		-114	4.84	20	WG593
Total Xylene	mg/kg	0.129	0.130	86.0		-118	0.660	20	WG593
a,a,a-Trifluorotoluene(PID)				99.38	54	-144			WG593
TPH (GC/FID) High Fraction	ppm	44.2	40.0	74.0	50	-150	9 95	25	WG593
o-Terphenyl				75.29	50	-150			WG593
TPH (GC/FID) High Fraction	maq	48.6	48.0	81.0	50	-150	1.38	25	WG594
o-Terphenyl				78.54		-150			WG594
			Matrix S						
Analyte	Units	MS Res	Ref Re	s TV	% Rec	Limit		Ref Samp	Batch
TPH (GC/FID) Low Fraction	mq/kg	24 7	0	5 5	89.7	55-109)	L575455-01	WG593
a,a,a-Trıfluorotoluene(FID)					104.2	59-128	3		WG593
Chloride	mq/kg	585.	79.0	500	101.	80-120)	L575605-01	WG593
Benzene	mg/kg	0.203	0	.05	81.1	32-13		L575605-02	WG593
Ethylbenzene	mg/kg	0 200	0	.05	80.1	10-150		L575605-02	WG593
Toluene	mg/kg	0.206	0	.05	82.4	20-142		L575605-02	WG593
Total Xylene	mg/kg	0.628	0	.15	83.8	16-141		L575605-02	WG593
a,a,a-Trifluorotoluene(PID)					98.75	54-144	1		WG593
TPH (GC/FID) High Fraction	ppm	43.7	0	60	72.9	50-150)	L575690-03	WG593
o-Terphenyl	21.				66.62	50-150			WG593
PPH (GC/FID) High Fraction	ppm	98.8	86.0	60	21.2*	50-150	1	L576282-01	WG59
o-Terphenyl	pp	30.0			87.66	50-150		2010202 01	WG59
		Mata	rıx Spike	Dunlicata					
Analyte	Units		Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
PPH (GC/FID) Low Fraction	mg/kg	21.2	24.7	77.2	55-109	15.0	20	L575455-01	WG593
a,a,a-Trifluorotoluene(FID)	J. 1-9			102.9	59-128				WG59
Chloride	mg/kg	607	585.	106.	80-120	3.69	20	L575605-01	WG59:
Benzene	mg/kg	0.202	0 203	80.7	32-137	0.490	39	L575605-02	WG59
Ethylbenzene	mg/kg	0.196		78.5	10-150	1.97	44	L575605-02	WG59
Coluene	mg/kg	0.195		77.9	20-142	5.57	42	L575605-02	WG59
Total Xylene	mq/kq	0.610		81.3	16-141	3.00	46	L575605-02	WG59
a,a,a-Trifluorotoluene(PID)				98.13	54-144				WG59

^{*} Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division James McDaniel 382 County Road 3100

Aztec, NM 87410

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Quality Assurance Report Level II

L575605

May 30, 2012

Analyte	Units	MSD MSD	atrıx Spi	ke Duplicate %Rec	Limit	RPD	T i m i +	Ref Samp	Batch
	Onits								
TPH (GC/FID) High Fraction o-Terphenyl	ppm	51.0	43.7	84.9 69.03	50-150 50-150	15.3	25	L575690-03	WG593357 WG593357
TPH (GC/FID) High Fraction o-Terphenyl	ppm	84.1	98.8	0* 89.44	50-150 50-150	16.0	40	L576282-01	WG594019 WG594019

Batch number /Run number / Sample number cross reference

WG593122: R2173113: L575605-01 02 WG593192: R2175013: L575605-01 02 WG593199: R2177013: L575605-01 02 WG593357: R2178293: L575605-02 WG594019: R2180853: L575605-01 WG593897. R2181596: L575605-01 02

^{* *} Calculations are performed prior to rounding of reported values.
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division James McDaniel 382 County Road 3100

Aztec, NM 87410

Quality Assurance Report Level II

L575605

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Est. 1970

May 30, 2012

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Company Name/Address		E	Billing Informati	on:				Anal	vsis/Co	ntainer/Pro	eservative		Chain of Custody Page of
382 County Road 3100 Aztec.NM 87410	uan Div	ision	XTO Energ Accounts F 382 CR 31 Aztec,NM	Payable 00								₩E	SSC.
Report to Logan Hixon Janes Medani Project Description Bolack B Phone: (505) 333-3100			City/Sate Collected ESC Key	NM	\ @ x₹⊖ \@ Y₹€)			20.			Mt. Juliet Phone: (80 Phone: (61	eanon Road , TN 37122 0) 767-5859 5) 758-5858 5) 758-5859
Collected by: (print) Logan Hiran Collected by (signature).	Site/Facility ID			Date Resu	lts Needed:	No	SRO/Oro		Chlorica			CoCode XTORN	M (lab use only)
Immediately Packed on Ice N(Y) Sample ID	No	ext Day vo Day iree Day Matrix*	100% 50%	Email?I FAX?I Date		1) 5108	1208	Seb.1			Template/Prelogin Shipped Via Remarks/Contaminant	Sample # (lab only)
21 661 pit tank	Comp	SS		5/14/12	10:24	1402		χ	X		Ž	<i>ە</i> د	(57,560S=
120 661 pit tuntz	comp	55		5/14/12	10:48	140	X	_χ	X		54944 184624 184844		50
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											8 - 1.0 mail		
							*60.44				200 2 3 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 5 5 6 5 6		
*Matrix: SS - Soil/Solid GW - Ground	lwater WW - 1	l Naste∖Nater	DW - Drinking	Water OT -	Other		TOP HELD		No. 123	[0.793243]	l< <u>seesse*sl</u> pH	Tei	The Representation of the second
Remarks:	andici vivi	vactorvator	Dit Dilliking	, , , , , , , , , , , , , , , , , , , ,	01101						•		
									10		Flow		
Relinquished by: (Signature)	Date 5 / 1.5	Time		ed by: (Signa	ature)				□ Fedi	es returned Ex 🗆 Cour	^{via:} □ UPS ier □	Condition T	(lab use only)
Relinquished by: (Signature)	Date:	Time		ed by: (Signa	atwe)		·		Temp.)	Bottles Receiv	CoC Scals Intact	Y N AA
Relinquished by. (Signature)	Date.	Time	. Recei	ven er fab b	Signature				Date:		Time:	pH Checked:	NCF



Report Summary

Client: XTO

Chain of Custody Number: 13955

Samples Received: 05-15-12

Job Number: 98031-0528

Sample Number(s): 62068-62069

Project Name/Location: Bolack B #5

Entire Report Reviewed By: _

Date: 05-17-12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



Client:	XTO	Project #:	98031-0528
Sample ID:	21 BBL PIT tank	Date Reported:	05-16-12
Laboratory Number:	62068	Date Sampled:	05-14-12
Chain of Custody No:	13955	Date Received:	05-15-12
Sample Matrix:	Soil	Date Extracted:	05-16-12
Preservative:		Date Analyzed:	05-16-12
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

1,330

7.4

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments: Bolack B #5





Client:	XTO	Project #:	98031-0528
Sample ID:	120 BBL Pit tank	Date Reported:	05-16-12
Laboratory Number:	62069	Date Sampled:	05-14-12
Chain of Custody No:	13955	Date Received:	05-15-12
Sample Matrix:	Soil	Date Extracted:	05-16-12
Preservative:		Date Analyzed:	05-16-12
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

44.3

7.4

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

Bolack B #5





EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS **QUALITY ASSURANCE REPORT**

Client:

QA/QC

Project #:

N/A

Sample ID:

QA/QC

Date Reported:

05-16-12

Laboratory Number:

05-16-12-TPH.QA/QC 62068 Date Sampled:

N/A

Sample Matrix:

Freon-113

Date Analyzed: Date Extracted: 05-16-12 05-16-12

Preservative: Condition:

N/A N/A

Analysis Needed:

TPH

Calibration

I-Cal Date

C-Cal Date

I-Cal RF:

C-Cal RF: % Difference Accept Range

04-25-12

05-16-12

1.850

1,720

7.0%

+/- 10%

Blank Conc. (mg/Kg)

Concentration

Detection Limit

TPH

TPH

ND

7.4

Duplicate Conc. (mg/Kg) TPH

Sample 1,330

Duplicate 1,180

% Difference 11.3%

Accept. Range +/- 30%

Spike Conc. (mg/Kg)

Sample 1,330

Spike Added Spike Result % Recovery 2,000

3,100

93.1%

Accept Range 80 - 120%

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

QA/QC for Samples 62068-62069.

CHAIN OF CUSTODY RECORD

13955

Client:	Project Name / Loca									Α	NALY	/SIS	/ PAI	RAMI	ETER	 		
XIO	Bolack B	# 5					—т									 		
Email results to: Logan- Hi Kon & Ktoe Peijy a	Sampler Name:					2	21)	<u>6</u>										
Janes - Mcdaniel Oxfree Client Phone No.: (SOS) 386 8018	il Logan Hixo					8	986	826	SI	_		α.	_					
Client Phone No.:	Client No.:	0 7 01				Pg	et l	thod	Лeta	nior		Ŧ	910	-	Щ.		00	ıtacı
(SOS) 386 8018	178031-0	\$ <i>C8</i>		•		Met	Ž	(Me	8 1	n / A		wit	able	(418	RIC		le C	le Ir
1 Sample No./ Identification I	mple Lab No.	No./Volume of Containers	P ₁ HgCl ₂	HCI HCI	e	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	<u>2</u>	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE		Sample Cool	Sample Intact
21 BBC PIT towar S/14/12 10:	24 62018	1-407												X			_	\preceq
120 BBL Dit tank S/14/12 10:		1-402			_		_							X		_	<u></u>	4
																_		
			_		_		_	_										
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Jog b		S/IS/12/16:10						<u>W</u>	5	<i>≥∕₁</i>	<u> </u>					 <u> 5151</u>	416	<u>2:1</u> ¢
Relinquished by: (Signature)			Recei	ved by:	: (Sign	natur	re)			•								
Sample Matrix								_	•									
SoiN⊈ Solid Sludge Aqueous Ot	ner 🗆																	
Sample(s) dropped off after hours to secure of Sample (s) dropped off after ho			lytico	ıl Labo	orato	ory			- 00	0100	N1 - 1			a				



To MARK KELLY

cc James McDaniel/FAR/CTOC@CTOC, Kurt Hoekstra/FAR/CTOC@CTOC

bcc

Subject Below ground tank closure notification-Bolack B #5

Mark.

Please accept this email as the required notification for BGT closure activities at the following well

Bolack B #5 (API #30-045-11823) Located in Section 31J, Township 27N, Range 8W, San Juan County New Mexico

This below grade tank is being closed due to plugging and abandoning of these well locations . Thank you for your time in regards to this matter.

Thank You!
Logan Hixon
Environmental Technician
XTO Energy Inc. An ExxonMobil Subsidiary
Western Division
382 CR 3100
Aztec NM 87410
Office (505)333-3683
Cell (505) 386-8018
Logan_Hixon@xtoenergy.com



To BRANDON POWELL

cc James McDaniel/FAR/CTOC@CTOC, Kurt Hoekstra/FAR/CTOC@CTOC

bcc

Subject BGT Closure Notification-Bolack B #5

Brandon,

Bolack B #5 (API #30-045-11823) Located in Section 31J, Township 27N, Range 8W, San Juan County New Mexico

This below grade tank is being closed due to plugging and abandoning of these well locations . Thank you for your time in regards to this matter.

Thank You!
Logan Hixon
Environmental Technician
XTO Energy Inc. An ExxonMobil Subsidiary
Western Division
382 CR 3100
Aztec NM 87410
Office (505)333-3683
Cell (505) 386-8018
Logan_Hixon@xtoenergy.com

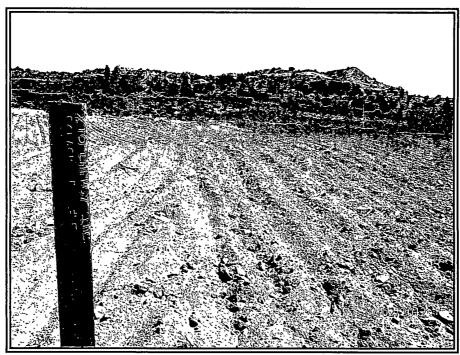


Photo 1: Bolack B #5 after reclamation (View 1)

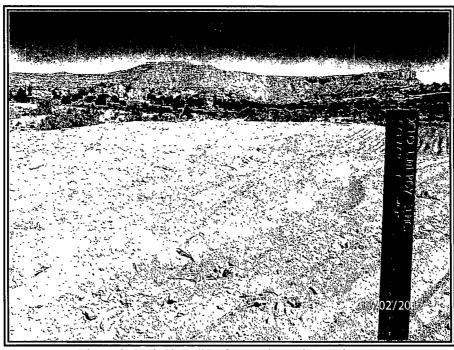


Photo 2: Bolack B #5 after reclamation (View 2)



Photo 3: Bolack B #5 after reclamation (View 3)

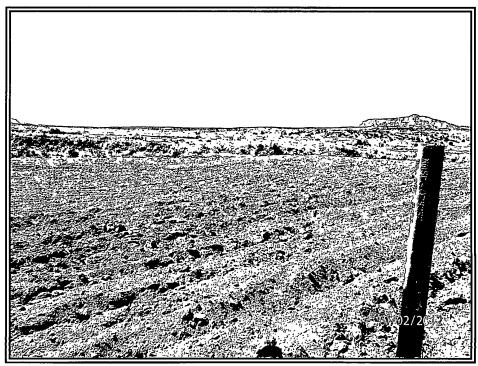


Photo 4: Bolack B #5 after reclamation (View 4)

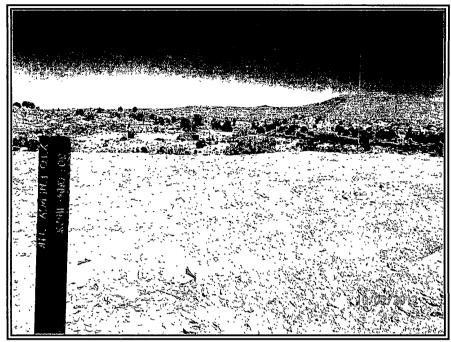


Photo 5: Bolack B #5 after reclamation (View 5)



Photo 6: Bolack B #5 after reclamation (View 6)

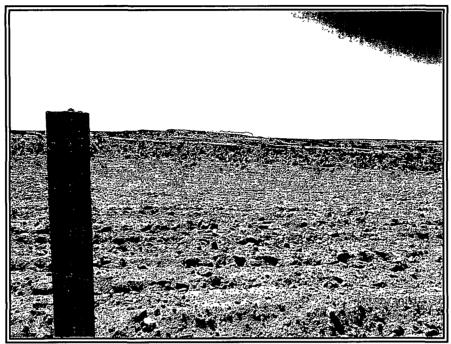


Photo 7: Bolack B #5 after reclamation (View 7)

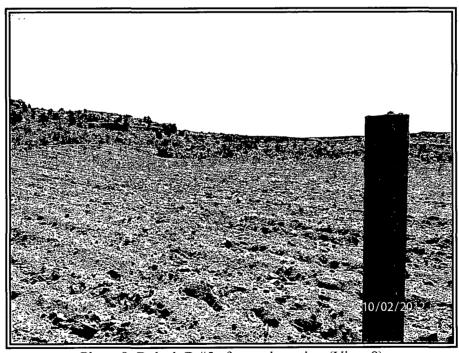


Photo 8: Bolack B #5 after reclamation (View 8)

<u>District I</u> 1625 N French Dr., Hobbs, NM 88240 District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr , Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Revised October 10, 2003

Form C-141

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back side of form

Release Notification and Corrective Action

	OPERAT	OK	Initia	l-Report	\boxtimes	Final Report
Name of Company: XTO Energy, Inc.	Contact: Log	an Hixon				
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone N	o.: (505) 333-3683				
Facility Name: Bolack B #5 (API 30-045-11823)	Facility Type	e: Gas Well (Dakota	1)			
Surface Owner: Federal Mineral Owner	••		Lease N	o.: NMSF0	79232	2
		IE A CIE				
	ON OF REL		(037			
Unit Letter Section Township Range Feet from the Nor J 31 27 N 8 W 1850 Nor	th/South Line FSL	Feet from the Eas	t/West Line FEL	County San Juan C	ounty	
					<i>-</i>	
Latitude: N36.528						
Type of Release: Produced Water	E OF RELE	Release: Unknown	Valuma D	ecovered: N	Iona	
Source of Release: 21 bbl BGT		our of Occurrence:		Hour of Disc		
Source of Release. 21 our Bor	Unknown	out of occurrence.	May 14, 2		overy.	
Was Immediate Notice Given?	If YES, To	Whom?	[******, =			
☐ Yes ☐ No ☒ Not Require						
By Whom?	Date and Ho	our:				
Was a Watercourse Reached?	If YES, Vol	ume Impacting the W	atercourse.			
☐ Yes ⊠ No						
If a Watercourse was Impacted, Describe Fully.*						
Describe Cause of Problem and Remedial Action Taken.*						
The below grade tank was taken out of service at the Bolack B #5 well:						
collected beneath the location of the on-site BGT, and submitted for lab						
via USEPA Method 8021, and for total chlorides. The sample returned Total BTEX, but above the 'pit rule' standards for TPH, confirming tha				ras for Chio	riaes, i	senzene and
Describe Area Affected and Cleanup Action Taken.*	t a release mad of	centred at this location	1			
Based on TPH results of 1330 ppm via USEPA Method 418.1, it has be	en confirmed tha	nt a release had occurr	ed on this loca	tion. The sit	e was t	then ranked
pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spil	Is and Releases.	The site was ranked a	20 due to an e	stimated dis	tance o	of ground
water less than 50 feet to. This set the closure standard to 100 ppm TPH	l, 10 ppm benzer	e and 50 ppm total B	TEX. The BG	Γ closure cor	nposite	e sample
returned results below the standard set for benzene and total BTEX and						
for the Remediation of Leaks, Spills and Releases. No further action is reference.	required for this	site. All applicable an	alytical results	are attached	for yo	our
I hereby certify that the information given above is true and complete to	the best of my l	cnowledge and unders	tand that nursi	uant to NMC	CD ru	les and
regulations all operators are required to report and/or file certain release						
public health or the environment. The acceptance of a C-141 report by						
should their operations have failed to adequately investigate and remedi						
or the environment. In addition, NMOCD acceptance of a C-141 report	does not relieve	the operator of respo	nsibility for co	ompliance wi	ith any	other
federal, state, or local laws and/or regulations.		OIL CONSER	VATION:	DIVICIO	NI	
		OIL CONSER	VATION.	DI 8 1910	17	
T. Here						
Signature: Joyan Hisson	Approved by I	District Supervisor:				
] ,	•				
Printed Name: Logan Hixon						
Title: Environmental Technician	Approval Date: Expiration Date:					
E-mail Address: Logan_Hixon@xtoenergy.com	Conditions of	Approval:		Attached	П	
Date: /0//7//2 Phone: 505-333-3683				, italiania	<u>-</u>	



12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

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James McDaniel XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410

Report Summary

Wednesday May 30, 2012

Report Number: L575605 Samples Received: 05/16/12 Client Project:

Description: Bolack B 5

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne Richards , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704/BI0041, ND - R-140. NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1, TX - T104704245-11-3, OK - 9915, PA - 68-02979

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

James McDaniel XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410

May 30,2012

ESC Sample # : L575605-01

Date Received : May 16, 2012

Bolack B 5 Description :

Site ID :

Sample ID 21 BBL

Project # :

Collected By : Logan Hixon Collection Date : 05/14/12 10:24

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dıl.
Chloride	92.	12.	mg/kg	9056	05/17/12	1
Total Solids	85.8	0.100	ક	2540G	05/23/12	1
Benzene Toluene Ethylbenzene Total Xylene	BDL BDL BDL BDL	0.0029 0.029 0.0029 0.0087	mg/kg mg/kg mg/kg mg/kg	8021B 8021B 8021B 8021B	05/18/12 05/18/12 05/18/12 05/18/12	5 5 5 5
<pre>Surrogate Recovery(%) a,a,a-Trifluorotoluene(PID)</pre>	98.6		% Rec.	8021B	05/18/12	5
TPH (GC/FID) Low Fraction	BDL	0.58	mg/kg	8015D/GRO	05/17/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	102.		% Rec.	602/8015	05/17/12	5
TPH (GC/FID) High Fraction Surrogate recovery(%)	100	4.7	mg/kg	3546/DRO	05/23/12	1
o-Terphenyl	66.5		% Rec.	3546/DRO	05/23/12	1

Results listed are dry weight basis. BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

May 30,2012

James McDaniel XTO Energy - San Juan Division 382 County Road 3100 Aztec, NM 87410

ESC Sample # : L575605-02

Date Received : 16, 2012 May Bolack B 5

Site ID :

Sample ID 120 BBL

Project # :

Collected By : Logan Hixon Collection Date : 05/14/12 10:48

Parameter	Dry Result	Det. Limit	Units	Method	Date	D11.
Chloride	85.	11.	mg/kg	9056	05/17/12	1
Total Solids	92.3	0.100	%	2540G	05/23/12	1
Benzene Toluene Ethylbenzene Total Xylene	BDL BDL BDL BDL	0.0027 0.027 0.0027 0.0081	mg/kg mg/kg mg/kg mg/kg	8021B 8021B 8021B 8021B	05/18/12 05/18/12 05/18/12 05/18/12	5 5 5 5
<pre>Surrogate Recovery(%) a,a,a-Trifluorotoluene(PID)</pre>	98.6		% Rec.	8021B	05/18/12	5
TPH (GC/FID) Low Fraction	BDL	0.54	mg/kg	8015D/GRO	05/17/12	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	101.		% Rec.	602/8015	05/17/12	5
TPH (GC/FID) High Fraction	BDL	4.3	mg/kg	3546/DRO	05/21/12	1
Surrogate recovery(%) o-Terphenyl	69.4		% Rec.	3546/DRO	05/21/12	1

Results listed are dry weight basis. BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

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XTO Energy - San Juan Division James McDaniel 382 County Road 3100

Aztec, NM 87410

Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859

12065 Lebanon Rd.

Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report Level II

L575605

May 30, 2012

			tory Bla				
Analyte	Result	Units		% Rec	Limit	Batch	Date Analyz
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	< .1	mg/kg % Rec		101.0	59-128		05/16/12 20 05/16/12 20
Chloride	< 1	mg/kg				WG593199	05/17/12 16
Benzene Ethylbenzene Toluene Total Xylene a,a,a-Trifluorotoluene(PID)	< .0005 < .0005 < .005 < .0015	mg/kg mg/kg mg/kg mg/kg % Rec		99.15	54-144	WG593521 WG593521 WG593521	05/18/12 14 05/18/12 14 05/18/12 14 05/18/12 14 05/18/12 14
TPH (GC/FID) High Fraction o-Terphenyl	< 4	ppm % Rec		87.05	50-150		05/21/12 10 05/21/12 10
TPH (GC/FID) High Fraction o-Terphenyl	< 4	ppm % Rec		83.08	50-150		05/22/12 17 05/22/12 17
Total Solids	< .1	8				WG593897	05/23/12 07
Analyte	Units	Du Result	plicate Duplica	ate RPD	Limit	Ref Sam	p Batch
Chloride	mg/kg	620.	600.	2.63	20	L575026	-04 WG593
Total Solids	8	89.0	89.0	0.285	5	L5757 <u>68</u>	-03 WG593
		Laboratory	Control	l Sample			
Analyte	Units	Known Val		Result	% Rec	Limit	Batch
TPH (GC/FID) Low Fraction a,a,a-Trifluorotoluene(FID)	mg/kg	5.5		6.85	125. 105.4	67 - 135 59-128	WG593 WG593
Chloride	mg/kg	200		213.	107.	80-120	WG593
Benzene Ethylbenzene Toluene Total Xylene a,a,a-Trifluorotoluene(PID)	mg/kg mg/kg mg/kg mg/kg	.05 .05 .05 .15		0.0416 0.0413 0.0429 0.130	83.2 82.7 85.7 86.4 98.86	76-113 78-115 76-114 81-118 54-144	WG593 WG593 WG593 WG593 WG593
TPH (GC/FID) High Fraction o-Terphenyl	ppm	60		40.0	66.6 69.28	50-150 50-150	WG593 WG593
TPH (GC/FID) High Fraction o-Terphenyl	ppm	60		48.0	79.9 75.95	50-150 50-150	WG594 WG594
Total Solids * Performance of this Analyte	8	50		50.0	99.9	85-115	WG5

^{*} Performance of this Analyte is outside of established Criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division James McDaniel 382 County Road 3100

Aztec, NM 87410

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L575605

May 30, 2012

_				Sample Dupl					
Analyte	Units	Result	Ref	%Rec	Li	mit	RPD	Limit	Batch
TPH (GC/FID) Low Fraction	mg/kg	6.80	6.85	124.	67	-135	0.660	20	WG593
a,a,a-Trıfluorotoluene(FID)				105.2	59	-128			WG593
Chloride	mg/kg	220.	213.	110.	80	-120	3.23	20	WG593
Benzene	mg/kg	0.0415	0.0416	83.0	76	5-113	0.150	20	WG593
Ethylbenzene	mg/kg	0.0414	0.0413	83.0		8-115	0.180		WG59
Coluene	mg/kg	0.0408	0.0429	82.0		5-114	4.84	20	WG59
otal Xylene	mg/kg	0.129	0.130	86.0		-118	0.660	20	WG59
a,a,a-Trifluorotoluene(PID)				99.38	54	-144			WG59
TPH (GC/FID) High Fraction	ppm	44.2	40.0	74.0	50	-150	9.95	25	WG59
o-Terphenyl				75.29	50	-150			WG59
TPH (GC/FID) High Fraction	mqq	48.6	48.0	81.0	50	-150	1.38	25	WG59
o-Terphenyl				78.54	50	-150			WG59
			Matrix S	pike					
Analyte	Units	MS Res	Ref Re	s TV	% Rec	Limit		Ref Samp	Batc
PH (GC/FID) Low Fraction	mq/kq	24.7	0	5.5	89.7	55-109)	L575455-01	WG59
a,a,a-Trifluorotoluene(FID)	3 . 3				104.2	59-128	3		WG59
Chloride	mg/kg	585.	79.0	500	101.	80-120)	L575605-01	WG59
Benzene	mg/kg	0.203	0	.05	81.1	32-137	,	L575605-02	WG59
Ethylbenzene	mg/kg	0.200	0	.05	80.1	10-150)	L575605-02	WG59
Toluene	mg/kg	0.206	0	.05	82.4	20-142		L575605-02	WG59
Total Xylene	mg/kg	0.628	0	.15	83.8	16-141		L575605-02	WG59
a,a,a-Trifluorotoluene(PID)					98.75	54-144			WG59
PPH (GC/FID) High Fraction	mqq	43.7	0	60	72.9	50-150)	L575690-03	WG59
o-Terphenyl					66.62	50-150)		WG59
TPH (GC/FID) High Fraction	mag	98.8	86.0	60	21.2*	50-150)	L576282-01	WG59
o-Terphenyl					87.66	50-150)		WG59
		Mati	rix Spike	Duplicate					
Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batc
PH (GC/FID) Low Fraction	mg/kg	21.2	24.7	77.2	55-109	15.0	20	L575455-01	WG59
,a,a-Trifluorotoluene(FID)				102.9	59-128				WG59
Chloride	mg/kg	607.	585.	106.	80-120	3.69	20	L575605-01	WG59
Benzene	mg/kg	0.202	0.203	80.7	32-137	0.490	39	L575605-02	WG59
Cthylbenzene	mg/kg	0.196		78.5	10-150	1.97	44	L575605-02	WG59
Coluene		0.195		77.9	20-142	5.57	42	L575605-02	WG59
otal Xylene	mg/kg	0.610	0.628	81.3	16-141	3.00	46	L575605-02	WG59
a,a,a-Trıfluorotoluene(PID)				98.13	54-144				WG59

a,a,a-Trifluorotoluene(PID) 98.13 54-144

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division James McDaniel 382 County Road 3100

Aztec, NM 87410

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report Level II

L575605

May 30, 2012

Matrix Spike Duplicate												
Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Lımit	Ref Samp	Batch			
TPH (GC/FID) High Fraction o-Terphenyl	ppm	51.0	43.7	84.9 69.03	50-150 50-150	15.3	25	L575690-03	WG593357 WG593357			
TPH (GC/FID) High Fraction o-Terphenyl	ppm	84.1	98.8	0* 89.44	50-150 50-150	16.0	40	L576282-01	WG594019 WG594019			

Batch number /Run number / Sample number cross reference

WG593122: R2173113: L575605-01 02 WG593199: R2175013: L575605-01 02 WG593521: R2177253: L575605-01 02 WG593357: R2178293: L575605-02 WG594019: R2180853: L575605-01 WG593897: R2181596: L575605-01 02

^{* *} Calculations are performed prior to rounding of reported values.

^{*} Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



XTO Energy - San Juan Division James McDaniel 382 County Road 3100

Aztec, NM 87410

Quality Assurance Report Level II

L575605

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May 30, 2012

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples annolude a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Company Name/Address:	Bi	Billing Information:				- Analysis/Container/Preservative					Chain of Custody Page of				
XTO Energy - San Juan Division			XTO Energy Inc Accounts Payable 382 CR 3100				i.	Control of the contro					1 age 01		
382 County Road 3100 Aztec.NM 87410		Aztec,NM 87410					26 27 88 Vs. A. vov. 11				LIAIB SICIFEINICIES				
Report to Logan Hixon Janes McGani	Em	Email to: Losan Hison DYTO									Mt. Juliet	anon Road , TN 37122 0) 767-5859			
Project Description: Bolack BH		City/Sate Collected \(\int \mathbb{M} \)									Phone: (61	5) 758-5858			
FAX:	ŧ	ESC Key:) Q			Fax: (615) 758-5859				
Collected by: (print) Logan Hiran	Site/Facility ID	# :	P.O.#:						0						
Collected by (signature): Rush? (Lab MUS1			1			No.	8015. GR0/D		17			CoCode XTORNM (lab use only) :Template/Prelogin			
Immediately Packed on Ice NYTwo Day		o Day ree Day	FAX? _No_Yes		of Cntrs	510	120	90			Shipped Via.				
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time		E	8	ଔ	Carried Carrie		Remarks/Contaminant	Sample # (lab only)		
21 661 pit tank	Comp	<u>\$\$</u>		5/14/12	10.24	1400	X	X	X			.~	(3/2 0 5) =		
120 661 pit tents	comp	2.5	_	5/14/12	10,48	146	10 滋豊い	_	を定						
										3-25 33-43 7-45					
							main CL		Processor Specific Activates						
										74.74 38.56					
*Matrix: SS - Soil/Solid GW - Ground	dwater WW - V	VasteWater	DW - Drinking	Water OT -	Other		A. 1041-048	1	[557 557]		pН	Tei	np		
Remarks:											Flov				
Relinquished by: (Signature) Date: Tir S/19/12 5:			ne: Received by: (Signature)				Samples returned via: □ UPS □ FedEx □ Courier □			via: □ UPS er □	Condition (lab use only)				
Relinquished by: (Signature) Date: Tin			ne: Received by. (Signature)						Tem	2	Bottles Recei	ved: CoC Seals Intact	Y IN CHA		
Relinquished by: (Signature)	Date:	Time:	Recei	ven ser ab by	(Signature)		100 100 100		Date 5		Time (MG)	pH Checked	NCF		
			•	VIVI C						11					



Well Below Tank Inspection Report

RouteName		StopName		Pumper	Foreman	WellName			APIWellNumber Section		Section	Range	Township	
Below Grade Pit Forms (Temp Bolack B 05		McDowell, Jesse	Unassigned	BOLACK B 05 (PA)		3004511823		31	8W	27N				
	InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisıbleTankLeak Overflow	Collection OfSurfaceRun	Vısible LayerOıl	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes		
	l parke	07/23/2008	01:42	No	No	No	Yes	No	2					
	l parke	08/25/2008	11 [.] 15	No	No	No	Yes	No	1					
	l parke	09/22/2008	11:07	No	No	No	Yes	No	3					
	I parke	10/30/2008	12:55	No	No	No	Yes	No	5	Well Water P	Below G	Ground		
	I parke	12/31/2008	12 00	No	No	No	Yes	No	5	Well Water F	i Below G	Ground		
	I parke	01/18/2009	12.00	No	No	No	Yes	No	3	Well Water P	i Below G	Ground		
	I parke	02/20/2009	12 [.] 00	No	No	No	Yes	No	3	Well Water P	Below G	Ground		
	M,GARCIA	04/29/2009	11 45	No	No	No	Yes	No	3	Well Water P	Below G	Ground		
	LP	06/05/2009	11 45	No	No	No	Yes	No	2	Well Water F	Below G	Ground		
	LP	09/30/2009	11 [.] 45	No	No	No	Yes	No	4	Well Water P	Below G	Ground		
	LP	01/15/2010	11.00	No	No	No	Yes	No	2	Well Water P	Below G	Pround		
	LP	02/15/2010	11 00	No	No -	No	Yes	No	34	Well Water F	Below G	Ground		
	MG	03/22/2010	11 [.] 30	No	No	No	Yes	No	3	Well Water P	Below G	Ground		
	MG	04/22/2010	11:00	No	No	No	Yes	No	5	Well Water P	Below G	Fround		
	MG	05/11/2010	12:00	No	No	No	Yes	No	3	Well Water F	Below G	Ground		
	MG	07/14/2010	02:00	No	No	No	Yes	No	3	Well Water P	Below G	Ground		
	LR	08/31/2010	02:00	No	No	No	Yes	No	2	Well Water P	Below G	Ground		
	mg	09/03/2010	12:00	No	No	No	Yes	No	2	Well Water F	Below G	Ground		
	mg	10/19/2010	02.30	No	No	No	Yes	No	3	Well Water F	Below G	6 MG		
	LR	11/19/2010	02 30	No	No	No	Yes	No	4	Well Water P	Below G) LR		
	LR	01/17/2011	02.30	No	No	No	Yes	No	5	Well Water F	Below G	G LR		
	LR	02/28/2011	02.30	No	No	No	Yes	No	5	Well Water P	Below G	G LR		
	SE	09/08/2011	02.30	No	No	No	Yes	No	5	Well Water P	Below G	Ground		