Dirrict I Form C-144 Form C-144 1430 W. Grand Arenae, Ansia, NM 88210 Department Department Department 1301 W. Grand Arenae, Ansia, NM 88210 Department Department NM 0CD District Office 1200 S. St. Francis Dr., Santa Fe, NM 87503 Department NM 0CD District Office NM 0CD District Office 1200 S. St. Francis Dr., Santa Fe, NM 87503 Ditter Closervisition to the appropriate NM 0CD District Office 1200 S. St. Francis Dr., Santa Fe, NM 87503 Ditter Closervisition to the appropriate NM 0CD District Office 1200 S. St. Francis Dr., Santa Fe, NM 87503 Ditter Closervisition to the appropriate NM 0CD District Office 1200 S. St. Francis Dr., Santa Fe, NM 87503 Ditter Closervisition Closervisition Closervisition office NM 0CD District Office 1200 S. St. Francis Dr., Santa Fe, NM 87503 District Of a pit, closed-loop system, below-Grade Tank, or proposed alternative Method Permit or Closure Plan Application 1200 S. St. Francis Dr., Santa Fe, NM 87503 District Office State of Norm Closervisition Plan Application 1200 S. St. Francis Dr., Santa Fe, NM 87503 District Office State of Norm Closervisition Plan Application 1200 S. St. Francis Dr., Santa Fe, NM 87503 District Office State Office State Office
Pit, Closed-Loop System, Below-Grade Tank, or 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 Existing BGT 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: Rease be advised that approval of this request closes 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 liability should operations result in pollution of surface water, ground water or the environment. Nor does approval 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 liability should operations result in pollution of surface water, ground water or the environment. Nor does approval 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 liability should operations result in pollution of surface water, ground water or the environment. Nor does approval 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 liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor d
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 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 proposed 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 ordinances. Coperator: XTO Energy, Inc. OGRID #:
Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Bitting BGT 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 ordinances. ¹ Operator: XTO Energy, Inc. OGRID #: 5380 Address: #382 County Road 3100. Aztec, NM 87410 Facility or well name: GALLEGOS FEDERAL 26 13 1 #1S Address: #382 County Road 3100. Aztec, NM 87410 San Juan Center of Proposed Design: Laitude _3651562 Longitude _ 108.16467 NAD: []927 [] 983 920 27 20
Instructions: Please submit on 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 ordinances. 1. Operator: XTO Energy, Inc. OGRID #: 5380 Address: #382 County Road 3100, Aztec, NM 87410 Facility or well name: _GALLEGOS FEDERAL 26 13 1 #1S
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 ordinances. 1. Operator:XTO Energy, Inc
L. Operator:XTO Energy, IncOGRID #:S380
Address: #382 County Road 3100, Azrec, NM 87410 Facility or well name:GALLEGOS FEDERAL 26 13 1 #1S
Post: County Road 5100, Added 1 and 100, Ad
API Number:
Image: Subsection For G of 19.15.17.11 NMAC Image: Subsection For G of 19.15.17.11 NMAC Image: String-Reinforced Image: Subsection H of 19.15.17.11 NMAC
OF D of Qui Qui Stan Juan Center of Proposed Design: Latitude 1651562 Longitude 108.16467 Surface Owner: Image Federal State Private Tribal Trust or Indian Allotment Image Prit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Image Private
Image: Surface Owner: Image: Sufface Ow
1 2. Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Lined Unlined String-Reinforced Volume: Liner Seams: Welded Subsection H of 19.15.17.11 NMAC
Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Other Other Other Other Other Other No String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: TE TW x D 3. Closed-loop System: Subsection H of 19.15.17.11 NMAC Subsection H of 19.15.17.11 NMAC Subsection H of 19.15.17.11 NMAC
3. Closed-loop System: Subsection H of 19.15.17.11 NMAC
Closed-loop System: Subsection H of 19.15.17.11 NMAC
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 intent)
Uping rad Above Oround Steer ranks Hadron Bins Other
Liner Seams: Welded Factory Other
4.
s. Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.
Form C-144 Oil Conservation Division Page 1 of 5

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

Alternate. Please specify Four foot height, steel mesh field fence (hogwire) with pipe top railing

Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)

Screen Netting Other Expanded metal or solid vaulted top

Monthly inspections (If netting or screening is not physically feasible)

Signs: Subsection C of 19.15.17.11 NMAC

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12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

Signed in compliance with 19.15.3.103 NMAC

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 office for consideration of approval.

🗋 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 appro office 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.	ptable source opriate district opproval. ing pads or
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 pits) 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. - 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

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11. <u>Temporary Pits, Emergency Pits, and Below-grade Tanks Pe</u> Instructions: Each of the following items must be attached to	ermit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC the application. Please indicate, by a check mark in the box, that the documents are
attached. X Hydrogeologic Report (Below-grade Tanks) - based upon Hydrogeologic Data (Temporary and Emergency Pits) - b Siting Criteria Compliance Demonstrations - based upon t Design Plan - based upon the appropriate requirements of Operating and Maintenance Plan - based upon the approp Closure Plan (Please complete Boxes 14 through 18, if ap and 19.15.17.13 NMAC	the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC ased upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC the appropriate requirements of 19.15.17.10 NMAC 19.15.17.11 NMAC riate requirements of 19.15.17.12 NMAC plicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC
Previously Approved Design (attach copy of design) API	Number: or Permit Number:
12. <u>Closed-loop Systems Permit Application Attachment Check</u> <i>Instructions: Each of the following items must be attached to</i> <i>attached.</i> Geologic and Hydrogeologic Data (only for on-site closu Siting Criteria Compliance Demonstrations (only for on-site closu Design Plan - based upon the appropriate requirements of Operating and Maintenance Plan - based upon the approp	list: Subsection B of 19.15.17.9 NMAC the application. Please indicate, by a check mark in the box, that the documents are re) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC f 19.15.17.11 NMAC write requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if ap and 19.15.17.13 NMAC	oplicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC
Previously Approved Design (attach copy of design)	PI Number:
Previously Approved Operating and Maintenance Plan A	PI Number: (Applies only to closed-loop system that use
above ground steel tanks or haul-off bins and propose to implen	nent waste removal for closure)
attached. Hydrogeologic Report - based upon the requirements of F Siting Criteria Compliance Demonstrations - based upon Climatological Factors Assessment Certified Engineering Design Plans - based upon the appr Dike Protection and Structural Integrity Design - based upon Leak Detection Design - based upon the appropriate requ Liner Specifications and Compatibility Assessment - base Quality Control/Quality Assurance Construction and Instr Operating and Maintenance Plan - based upon the approp Freeboard and Overtopping Prevention Plan - based upon Nuisance or Hazardous Odors, including H ₂ S, Prevention Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan Closure Plan - based upon the appropriate requirements o	Paragraph (1) of Subsection B of 19.15.17.9 NMAC the appropriate requirements of 19.15.17.10 NMAC ropriate requirements of 19.15.17.11 NMAC pon the appropriate requirements of 19.15.17.11 NMAC irements of 19.15.17.11 NMAC ed upon the appropriate requirements of 19.15.17.11 NMAC allation Plan viriate requirements of 19.15.17.12 NMAC the appropriate requirements of 19.15.17.11 NMAC 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 Type: Drilling Workover Emergency Cavitation Alternative Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop s On-site Closure Method (Only In-place Burial II Alternative Closure Method (Excavation and Removal)	through 18, in regards to the proposed closure plan. n P&A Permanent Pit Below-grade Tank Closed-loop System systems only) for temporary pits and closed-loop systems) On-site Trench Burial exceptions must be submitted to the Santa Fe Envirónmental Bureau for consideration)
 15. Waste Excavation and Removal Closure Plan Checklist: (15) closure plan. Please indicate, by a check mark in the box, tha Protocols and Procedures - based upon the appropriate re Confirmation Sampling Plan (if applicable) - based upon Disposal Facility Name and Permit Number (for liquids, Soil Backfill and Cover Design Specifications - based up Re-vegetation Plan - based upon the appropriate requirem Site Reclamation Plan - based upon the appropriate requirem 	9.15.17.13 NMAC) Instructions: Each of the following items must be attached to the t the documents are attached. quirements of 19.15.17.13 NMAC the appropriate requirements of Subsection F of 19.15.17.13 NMAC drilling fluids and drill cuttings) on the appropriate requirements of Subsection H of 19.15.17.13 NMAC ments of Subsection I of 19.15.17.13 NMAC rements of Subsection G of 19.15.17.13 NMAC

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16. Waste Removal Closure For Closed-loop Systems That Utilize A Instructions: Please indentify the facility or facilities for the dispos facilities are required.	bove Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D sal of liquids, drilling fluids and drill cuttings. Use attachment if n	NMAC) nore thân two
Disposal Facility Name:	Disposal Facility Permit Number:	·
Disposal Facility Name:	Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associate Wes (If yes, please provide the information below) No	ed activities occur on or in areas that will not be used for future serv	ice and operations?
Required for impacted areas which will not be used for future service Soil Backfill and Cover Design Specifications based upon the Re-vegetation Plan - based upon the appropriate requirements Site Reclamation Plan - based upon the appropriate requirement	e and operations: the appropriate requirements of Subsection H of 19.15.17.13 NMAC of Subsection I of 19.15.17.13 NMAC nts of Subsection G of 19.15.17.13 NMAC	
17. <u>Siting Criteria (regarding on-site closure methods only)</u> : 19.15.1 Instructions: Each sling criteria requires a demonstration of composited below. Requests regarding changes to certain siting criteric considered an exception which must be submitted to the Santa Fe I demonstrations of equivalency are required. Please refer to 19.15.	7.10 NMAC pliance in the closure plan. Recommendations of acceptable sour- ria may require administrative approval from the appropriate distr Environmental Bureau office for consideration of approval. Justij 17.10 NMAC for guidance.	ce material are ict office or may be fications and/or
Ground water is less than 50 feet below the bottom of the buried was • NM Office of the State Engineer • iWATERS database searc	ite. h; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Ground water is between 50 and 100 feet below the bottom of the bu - NM Office of the State Engineer - iWATERS database searc	ried waste h; USGS; Data obtained from nearby wells	□ Yes □ No □ NA
Ground water is more than 100 feet below the bottom of the buried v - NM Office of the State Engineer - iWATERS database searc	vaste. h; USGS; Data obtained from nearby wells	□ Yes □ No □ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet o lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the pro-	f any other significant watercourse or lakebed, sinkhole, or playa	🗌 Yes 🗌 No
Within 300 feet from a permanent residence, school, hospital, institu - Visual inspection (certification) of the proposed site; Aerial	tion, or church in existence at the time of initial application. photo; Satellite image	🗌 Yes 🗋 No
Within 500 horizontal feet of a private, domestic fresh water well or watering purposes, or within 1000 horizontal feet of any other fresh - NM Office of the State Engineer - iWATERS database; Visu	spring that less than five households use for domestic or stock water well or spring, in existence at the time of initial application. al inspection (certification) of the proposed site	🗋 Yes 🗌 No
Within incorporated municipal boundaries or within a defined munic adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality;	ipal fresh water well field covered under a municipal ordinance Written approval obtained from the municipality	🗌 Yes 🗌 No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topograp	hic 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 EN	MNRD-Mining and Mineral Division	🗌 Yes 🗌 No
Within an unstable area. - Engineering measures incorporated into the design; NM Bur Society; Topographic map	eau of Geology & Mineral Resources; USGS; NM Geological	🗌 Yes 🗌 No
Within a 100-year floodplain. - FEMA map		
 18. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instruction by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate r Construction/Design Plan of Burial Trench (if applicable) base Construction/Design Plan of Temporary Pit (for in-place burial Protocols and Procedures - based upon the appropriate requires Confirmation Sampling Plan (if applicable) - based upon the appropriate requires Disposal Facility Name and Permit Number (for liquids, drilli Soil Cover Design - based upon the appropriate requirements Re-vegetation Plan - based upon the appropriate requirements Site Reclamation Plan - based upon the appropriate requirements 	ns: Each of the following items must be attached to the closure plate appropriate requirements of 19.15.17.10 NMAC equirements of Subsection F of 19.15.17.13 NMAC sed upon the appropriate requirements of 19.15.17.11 NMAC al of a drying pad) - based upon the appropriate requirements of 19. ements of 19.15.17.13 NMAC appropriate requirements of Subsection F of 19.15.17.13 NMAC equirements of Subsection F of 19.15.17.13 NMAC ing fluids and drill cuttings or in case on-site closure standards canno of Subsection I of 19.15.17.13 NMAC ents of Subsection G of 19.15.17.13 NMAC	an. Please indicate, 15.17.11 NMAC ot be achieved)

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LC.	NCLIMINATION FRANCE	- vascu ubon		pprop	niace requirements		O OT TALENT TO THE THE	
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Operator Application Certification:	
I hereby certify that the information submitted with this applied	cation is true, accurate and complete to the best of my knowledge and belief.
Name (Print): <u>Kim Champlin</u>	Title: <u>Environmental Representative</u>
Signature: Kim Mamplin	Date:11/18/04
e-mail address: kim_champlin@xtoenergy.com	Telephone: (505) 333-3100
20.	
OCD Approval: Permit Application (including closure p	lan) A Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature:	Approval Date: 12/13/13
Title: Environmental Engine	OCD Permit Number:
21. Closure Report (required within 60 days of closure comple	tion): Subsection K of 19.15.17.13 NMAC
Instructions: Operators are required to obtain an approved of The closure report is required to be submitted to the division section of the form until an approved closure closure backback	closure plan prior to implementing any closure activities and submitting the closure report. within 60 days of the completion of the closure activities. Please do not complete this
section of the form until an approved closure plan has been b	Closure Completion Date: 11/29/10
22.	
Closure Method: Waste Excavation and Removal Don-Site Closure Me If different from approved plan, please explain.	thod Alternative Closure Method Waste Removal (Closed-loop systems only)
23. Closure Report Regarding Wasta Removal Closure For Cl	need-loop Systems That Iltilize Above Cround Steel Tanks on Haul-off Rins Only.
Instructions: Please indentify the facility or facilities for white two facilities were utilized.	ere the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than
Disposal Facility Name:	Disposal Facility Permit Number:
Disposal Facility Name:	Disposal Facility Permit Number:
Were the closed-loop system operations and associated activiti	es performed on or in areas that will not be used for future service and operations?
Yes (If yes, please demonstrate compliance to the items	
Requirea for impaciea areas which will not be used for future .	service and operations:
Site Reclamation (Photo Documentation)	
 Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 	
 Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique 	e
 Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each mark in the box, that the documents are attached 	e of the following items must be attached to the closure report. Please indicate, by a check
 Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) & 	e of the following items must be attached to the closure report. Please indicate, by a check #acheO
 Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each 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) 	of the following items must be attached to the closure report. Please indicate, by a check
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 Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each 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 (required for Disposal Facility Name and Permit Number G HG CLOUM Material Sampling Analytical Results (required for Disposal Facility Name and Permit Number G HG CLOUM Soil Backfilling and Cover Installation Per OCLOUM Re-vegetation Application Rates and Seeding Technique 	of the following items must be attached to the closure report. Please indicate, by a check thacheo a thacheo or on-site closure) Specifications Prec BLM MOV
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 Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique Closure Report Attachment Checklist: Instructions: Each 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 Disposal Facility Name and Permit Number a the Checklist: Soil Backfilling and Cover Installation Per OCD Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) a Hacked On-site Closure Location: Latitude 	of the following items must be attached to the closure report. Please indicate, by a check thacheo a thacheo or pron-site closure) Specifications Per BLM MOU Longitude NAD: [1927] 1983
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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

Kelease Notification and Corrective Action OPERATOR Initial Report Fi Name of Company: XTO Energy, Inc. Contact: James McDaniel Address: 382 Road 3100, Aztee, New Mexico 87410 Telephone No.: (505) 333-3701 Facility Name: Gallegos Federal 26-13-1 #15 (30-045-31712) Facility Type: Gas Well (Fruitland) Ease No.: Surface Owner: Federal Mineral Owner: Lease No.: Lease No.: Luit Letter Section Township Range Fet. San Juan Latitude: 365.51562 Longitude: -108.16467 NATURE OF RELEASE Nature of Release: whrown Volume Recovered: unknown Source of Release: Below Grade Tank Date and Hour of Occurreace: Date and Hour of Discovery: N Was Immediate Notice Given? If YES, Volume Impacting the Watercourse. If YES, Volume Impacting the Watercourse. By Whom? Date and Hour If YES, Volume Impacting the Watercourse. Bate and Hour By Whom? Yes Ø No If YES, Volume Impacting the Watercourse. Bate and Hour By StepPA Method 418.1. and for benzence and BTZ. The below grade tank was taken out of service at the Gallegos Federal 26-13-1 #1Swell site due to the plugging and abandoning of this well site. <					<u> </u>	<u>M 8/5</u>	inta Fe			<i>ii</i>	<u>Zwane</u>					
OPERATOR Initial Report Prior Name of Company: XTO Energy, Inc. Contact: James McDaniel Address: 342 Road 3100, Aztec, New Mexico 87410 Telephone No: (505) 333-3701 Facility Name: Gallegos Federal 26-13-1 #1S (30-045-31712) Facility Type: Gas Well (Fruitland) Surface Owner: Federal Mineral Owner: Lease No.: LOCATION OF RELEASE Loca No.: FEL Unit Letter Section Township Participation 26N 13W Peet from the Fest from the Fest from the 900 FEL San Juan Latitude: 36.51562 Long Holesse: Inclower Yppe of Release: Produced Water Volume of Release: unknown Date and Hour of Occurrence: Date and Hour of Discovery: N Was Immediate Notice Given? Yes No Not Required If YES, To Won? Was a Watercourse Reached? Yes No If YES, No Won? Date and Hour Was a Watercourse was Impacted, Describe Fully.* Describe Fully and subnitted for taboratory analysis for TH vio USEPA Method 48. Stoneware Describe Cause of Problem and Remedial Action Taken			n	ctior	rective A	id Co	ation	ease Notifie	Rele							
Name of Company: XTO Energy, Inc. Contact: James McDaniel Address: 323, Road 3100, Aztee, New Mexico 87410 Tolephone No: (503) 33, 3701 Facility Name: Gallegos Federal 26-13-1 #1S (30-045-31712) Facility Type: Gas Well (Fruitland) Surface Owner: Federal Mineral Owner: Lease No.: LOCATION OF RELEASE County San Juan Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County San Juan Latitude: 36.51562 Long Attempt	🛛 Final Report	tial Report	🔲 Initia)R	ERAT										
Address: 382 Road 3100, Aztec, New Mexico 87410 Telephone No: (505) 333-3701 Facility Name: Gallegos Federal 26-13-1 #15 (30-045-31712) Facility Type: Gas Well (Fruitland) Surface Owner: Federal Mineral Owner: Lease No.: Unit Letter Section Township Range Feet from the Feet from the East/West Line County Surface Owner: Federal Township Range Feet from the Solo 1667 Solo 1667 Unit Letter 1 26N 13W Peet from the Feet from the East/West Line County Source of Release: Produced Water Volume of Release: unknown Volume Recovered: unknown Date and Hour of Discovery: N Was Immediate Notice Given? Yes No No K Required If YES, To Whom? Date and Hour of Discovery: N Was a Watercourse Reached? Yes No No taken.* The below grade tank was taken out of Service at the Gallegos Federal 26-13-1 #I Swell site due to the plugging and abandoning of this well site. compasite sample was collected bereath the location of Taken.* The below grade tank was taken out of Service at the Gallegos Federal 20-13-1 #I Swell site due to the plugging and abandoning of this well site. compasite sample was collected bereath the location of Taken.* T					0		Inc.	TO Energy,	mpany: X	Name of Co						
Earlity Name: Gallegos Federal 26-13-1 #15 (30-045-31712) Facility Type: Gas Well (Fruitland) Surface Owner: Federal Mineral Owner: Lease No.: Unit Letter Section Township Range Peet from the Pest from the FSL 900 East/West Line County Sn Juan Latitude: 36.51562 Longitude: -108.16467 NATURE OF RELEASE Sn Juan Type of Release: Below Grade Tank Oblume of Release: unknown Volume Recovered: unknown Source of Release: Below Grade Tank Date and Hour of Occurrence: Date and Hour of Discovery: N Was Immediate Notice Given? Yes No No Not Required If YES, To Whom? By Whon? Date and Hour Date and Hour Date and Hour of Discovery: N Was a Watercourse Reached? Yes No If YES, Volume Impacting the Watercourse. 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 Gallegos Federal 26-13-1 #15 well site due to the plugging and abandoning of this well site. Sol S bearzene and BTEX via USEPA Method 40.13.1 and for bearzene and BTEX. However, the sample returned results above the 250 ppm total conformation a for TPH via USEPA Method 40.14.1. and for bearzene and BTEX. However, the sample returned r				3701	: (505) 333	phone N	<u> </u>	<u>co 87410</u>	lew Mexi	00, Aztec, N	2 Road 31	Address: 38				
Surface Owner: Federal Mineral Owner: Lease No.: LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County Fill 1 26N 13W Feet from the Feet from the East/West Line County Fill 26N 13W 265.51562 Longitude: -108.16467 NATURE OF RELEASE Type of Release: Produced Water Volume of Release: unknown Date and Hour of Occurrence: Date and Hour of Discovery: N Was Immediate Notice Given? Yes No No Required If YES, To Whom? By Whom? Yes No No Required If YES, Volume Impacting the Watercourse. Uf a Watercourse Reached? Yes No If YES, Volume Impacting the Watercourse. If YES, Volume Impacting the Watercourse. Sols benzene and BTEX via USPFA Method 201, and for total choinds. The below grade tank was taken out of service at the Gallegos Federal 26-13-1 #I Swell site due to the plugging and abandoning of this well site. Composite sample was collected beneatift the location of the on-site BGT, and submitted for laboratory analysis for TPH via USFFA Method 201, and for total chohords.<	<u> </u>		d)	ruitlanc	Gas Well (Fi	ity Typ	2) F	IS (30-045-317	6-13-1 #	os Federal 2	ne: Galleg	Facility Nan				
LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County 1 1 26N 13W 2050 Fest from the Feet from the 900 East/West Line County Latitude: 36.51562 Longitude: -108.16467 NATURE OF RELEASE Type of Release: Produced Water Volume of Release: unknown Volume Recovered: unknown Source of Release: Below Grade Tank Date and Hour of Occurrence: unknown Date and Hour of Discovery: N Was Immediate Notice Given? Yes No Date and Hour Type of Release: suchnown Date and Hour of Discovery: N Was a Watercourse Reached? If Yes No Date and Hour Type of Release: the course of Problem and Remedial Action Taken.* The below grade tank was taken out of service at the Gallegos Federal 26-13-1 #/I Swell site due to the plugging and abandoning of this well site. Stor PM via USEPA Method 48.11. and for bearcene and BTEX. Hower, the sample returned results below the 'Pit Rule' spill confirmation s for TH via USEPA Method 48.11. and for bearcene and BTEX. Doscribe Area Affected and Cleamup Action Taken.* Ton the well site. This set the cloaure stan	<u> </u>	No.:	Lease N				wner:	Mineral (al	ner: Feder	Surface Own				
Unit Letter Section Township Range Feet from the 13W North/South Line FSL Feet from the 900 East/West Line FEL County San Juan Latitude: 36.51562 Longitude: -108.16467 NATURE OF RELEASE Type of Release: Produced Water Volume of Release: unknown Volume Recovered: unknown Was Immediate Notice Given? Yes No If YES, To Whon? Date and Hour of Occurrence: Unknown Date and Hour of Discovery: N By Whon? Yes No If YeS, To Whon? Date and Hour If YeS, Volume Impacting the Watercourse. If a Watercourse Reached? Yes No If YeS, Volume Impacting the Watercourse. State of The YeS, Volume Impacting the Watercourse. Describe Cause of Problem and Remedial Action Taken.* To below grade tank was taken out of service at the Gallegos Federal 26-13-1 #I Swell site due to the plugging and abandoning of this well site. Describe Cause of Problem and Remedial Action Taken.* The below grade tank was taken out of service at the Gallegos Federal 26-13-1 #I Swell site due to the plugging and abandoning of this well site. Stor TH via USEPA Method 818.1 and for bearcene and BTEX. Howere, the sample returned results above the 250 ppm total chloride standard ppm, confirming that a release has occurred. Describe Area Afflected and Clean					CASE	F REI	TION	LOCATIO								
1 1 26N 13W 2050 FSL 900 FEL San Juan Latitude: 36,51562 Longitude: -108,16467 NATURE OF RELEASE Type of Release: Produced Water Volume of Release: unknown Volume Recovered: unknown Source of Release: Below Gride Tank Date and Hour of Occurrence: unknown Date and Hour of Discovery: N unknown Was Immediate Notice Given? Yes No Not Required By Whom? Date and Hour If YES, To Whom? Was a Watercourse Reached? If Yes No If a Watercourse was Impacted, Describe Fully.* If Yes, Volume Impacting the Watercourse. Describe Cause of Problem and Remedial Action Taken.* The below grade tank was taken out of service at the Gallegos Federal 26-13-1 #I Swell site due to the plugging and abandoning of this well site. Sol15, becreare and BTEX. Vul USEPA Method 418.1 and for benzene and BTEX. However, the sample returmed results above the 250 ppm total chloride standard bio roba churded 201 and for total chlorides. The sample actermined that a release has occurred, the site was ranked a 20 according to the NMOCD Guidelines for the Remediation of Leaks. 2015 however, the sample returned results above the 250 ppm total chloride standard bio churde the roba churde for sour reference. Thereby certify that the information given above is true and complete to the best of my knowledge and unders		County	West Line	East/	eet from the	1 Line	North/S	Section Township Range Feet from the Nort								
Latitude: 36.51562 Longitude: -108.164677 NATURE OF RELEASE Type of Release: Produced Water Volume of Release: Under of Release: Under of Release: Date and Hour of Occurrence: Date and Hour of Discovery: N Was Immediate Notice Given? If YES, To Whom? Date and Hour Date and Hour Date and Hour Was a Watercourse Reached? If YES, No Date and Hour If YES, Volume Impacting the Watercourse. 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 Gallegos Federal 26-13-1 #I Swell site due to the plugging and abandoning of this well site. composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418.1 and for benzene and BTEX. However, the sample returned results below the 'Pit Rule' spill confirmation s for TPH via USEPA Method 418.1 and for benzene and BTEX. However, the sample returned results above the 250 ppm total chloride standard ppm, confirming that a release had occurred, the site was ranked a 20 according to the NMOCD Guidelines for the Remediation of Leaks. Releases due to a wash at less than 200 feet from the well site. This set the closure standards to 100 pm TPH, 10 pm benzene, and 50 pm total opm total chloride standard is cied in the NMOCD Guidelines for the Remediation of Leaks. Spills and Releases. The sample returned results are attached for your reference. Interoby certify t		San Juan	FEL		900		1	2050	13W	26N	1	I				
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Was Immediate Notice Given? unknown If YES, To Whom? If YES, To Whom? By Whom? Date and Hour Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Describe Cause of Problem and Remedial Action Taken.* If YES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418. 8015, benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation s for TPH via USEPA Method 418. Describe Area Affected and Cleanup Action Taken.* Once it was determined that a release had occurred, the site was ranked a 20 according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The sample returned results above the 250 ppm total chloride standard is cited in the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The sample returned results are tatched for your reference. Thereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules regulatory standards for all constituents analyzed. No further action is required. Analytical results are attached for your reference. Thereby certify that the i	verv: NA	d Hour of Discov	Date and	ce:	r of Occurrent	te and H		<u></u>		w Grade Tank	lease: Below	Source of Rel				
Was Immediate Notice Given? Yes No Not Required By Whom? Date and Hour Was a Watercourse Reached? If YES, To Whom? 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 Gallegos Federal 26-13-1 #1Swell site due to the plugging and abandoning of this well site. composite sample was collected beneath the location of the on-site BGT, and submitted for laboratory analysis for TPH via USEPA Method 418. Sol 5, benzzne and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation s for TPH via USEPA Method 418.1 and for benzene and BTEX. However, the sample returned results above the 250 ppm total chloride standard ppm, confirming that a release had occurred. Describe Area Affected and Cleanup Action Taken.* Once it was determined that a release had occurred, the site was ranked a 20 according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The sample returned results below th regulatory standards for all constituents analyzed. No further action is required. Analytical results are attached for your reference. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "final Report" does not relieve the operator of lia should the'resulta and're regulations. Signature: OIL CONSERVATION DIVISION <td></td>																
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XTO Energy Inc. San Juan Basin Below Grade Tank Closure Report

Lease Name:Gallegos Federal 26-13-1 #1SAPI No.:30-045-31712Description:Unit I, Section 1, Township 26N, Range 13W, 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 November 29, 2010

- 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 November 29, 2010
- 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 Gallegos

All equipment has been removed due to the plugging and abandoning of the Gallegos Federal 26-13-1 #1S well site.

7. XTO will test the soils beneath the below-grade tank to determine whether a release has occurred. 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 100mg/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 19.15.17.13(B)(1)(b). (Sample results attached).

Components	Test Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	BDL mg/kg
BTEX	EPA SW-846 8021B or 8260B	50	BDL mg/kg
ТРН	EPA SW-846 418.1	100	47.8 mg/kg
Chlorides	EPA 300.1	250 or background	490 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 a chloride level of 490 ppm, it has been determined that a release has occurred at this location. The site was then ranked a 20 according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases due to a wash at less than 200 feet from the well site. This set the closure standard to 100 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX. The NMOCD Guidelines for the Remediation of Leaks, Spills and Releases does not cite a closure standard for chlorides. The sample returned results below the regulatory standards for all constituents analyzed. No further action is required.

- 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 November 22, 2010; 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 November 22, 2010; see attached letter and return receipt.

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 site has been recontoured to match the above mentioned specifications.

12. A minimum of 4 feet of cover shall be achieved and the cover shall include 1 foot of suitable

2. 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 divisionapproved 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. The location will be 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; None Found
 - 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



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	XTO Energy	Project #:	98031-0528
Sample ID:	BGT Closure Composite	Date Reported:	11-03-10
Laboratory Number:	56373	Date Sampled:	11-02-10
Chain of Custody No:	10648	Date Received:	11-02-10
Sample Matrix:	Soil	Date Extracted:	11-03-10
Preservative:	Cool	Date Analyzed:	11-03-10
Condition:	Intact	Analysis Needed:	TPH-418.1

		Dou
Co	ncentration	Limit
Parameter	mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons47.811.0

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: Gallegos Federal 26-13-1 #1S

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Analyst

Review



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:	(QA/QC		Project #:		N/A					
Sample ID:	(QA/QC		Date Reported:		11-03-10					
Laboratory Number:		11-03-TPH.QA/QC	56362	Date Sampled:		N/A					
Sample Matrix:	í	Freon-113		Date Analyzed:		11-03-10					
Preservative:	i	N/A		Date Extracted:		11-03-10					
Condition:	1	N/A		Analysis Neede	d:	ТРН					
Calibration	I-Cal Date	C-Cal Date	i Loai RÉisia	C-Cal RE-	% Difference	Accent Range					
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161					11.0						
Duplicate Conc.	(mg/Kg)		Sample	Duplicate	% Difference	Accept. Range					
ТРН			113	123	8.6%	+/- 30%					
Spike Conc: (mg/	(Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range					
ТРН		113	2,000	1,840	87.1%	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 56362, 56372-56376

Analyst

Review

CHAIN OF CUSTODY RECORD

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12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859 Tax I.D. 62-0814289

Est. 1970

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

Report Summary

Thursday November 18, 2010

Report Number: L487228 Samples Received: 11/04/10 Client Project:

Description: Gallegos Federal 26-13-1 1S

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.

alan Hamill

T. Alan Harvill , ESC Representative

Laboratory Certification Numbers

Entire Report Reviewed By:

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140 NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A, TX - T104704245, OK-9915

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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12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859 Fax (615) 758-5859 Tax I.D. 62-0814289 Est. 1970

James McDaniel XTO Energy - San Juan Division 382 Road 3100 Aztec, NM 87410	REPORT	' OF ANALYSIS	Nov	vember 18,2010		
Date Received : November 04, 2 Description : Gallegos Federa	010 1 26-13-1 1S		ESC	Sample # :	L487228-01	
Sample ID : BGT CLOSURE COM	POSITE		Sit	CelD: GAL	LEGOS FEDER	AL 26-13
Collected By : James McDaniel Collection Date : 11/02/10 13:35			Pro	oject # :		
Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Chloride	490	11.	mg/kg	9056	11/09/10	1
Total Solids	91.8		00	2540G	11/10/10	1
Benzene Toluene Ethylbenzene Total Xylene TPH (GC/FID) Low Fraction Surrogate Recovery-%	BDL BDL BDL BDL BDL	0.0027 0.027 0.0027 0.0082 0.54	mg/kg mg/kg mg/kg mg/kg mg/kg	8021/8015 8021/8015 8021/8015 8021/8015 GRO	11/05/10 11/05/10 11/05/10 11/05/10 11/05/10	5 5 5 5 5
a,a,a-Trifluorotoluene(FID) a,a,a-Trifluorotoluene(PID)	96.2 99.1		% Rec. % Rec.	8021/8015 8021/8015	11/05/10 11/05/10	5 5
TPH (GC/FID) High Fraction Surrogate recovery(%)	BDL	4.4	mg/kg	3546/DRO	11/12/10	1
o-Terphenyl	74.7		% Rec.	3546/DRO	11/12/10	1

Results listed are dry weight basis. BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL) Note: This report shall not be reproduced, except in full, without the written approval from ESC. The reported analytical results relate only to the sample submitted Reported: 11/15/10 11:11 Revised: 11/18/10 16:44

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Est. 1970

Quality Assurance Report Level II

L487228

November 18, 2010

			Laboratory	Blank			
Analyte		Result	Units	% Rec	Limit	Batch	Date Analyzed
Benzene Ethylbenzene Toluene TPH (GC/FID) Low Fraction Total Xylene a,a,a-Trifluorotoluene (FID) a,a,a-Trifluorotoluene (PID)	• • • • •	< .0005 < .0005 < .005 < .1 < .0015	mg/kg mg/kg mg/kg mg/kg % Rec. % Rec.	97.00 100.1	59-128 54-144	WG506981 WG506981 WG506981 WG506981 WG506981 WG506981 WG506981 WG506981	11/05/10 12:01 11/05/10 12:01 11/05/10 12:01 11/05/10 12:01 11/05/10 12:01 11/05/10 12:01 11/05/10 12:01
Chloride		< 10	mg/kg	· · ·		WG507230) 11/09/10 09:13
Total Solids		< .1	ფ	· · · · · · · · · · · ·	•••••••••••••••••••••••••••••••••••••••	WG507554	11/10/10 13:22
TPH (GC/FID) High Fraction o-Terphenyl	· · · · · · · · ·	< 4	ppm % Rec.	81.28	50-150	WG50805 WG50805	11/12/10 ⁻ 08:42 11/12/10 ⁻ 08:42
			Duplica	te			

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Chloride Chloride Chloride	mg/kg mg/kg mg/kg	43.0 410. 410.	51.0 380. 380.	17.3 8.56 8.56	20 20 20	L486858-01 L487224-01 L487224-01	WG507230 WG507230 WG507230
Total Solids		64.0	65.3	1.50	5	L487248-05	WG507554

		Laboratory Cor	trol Sample			
Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0543	109.	76-113	WG506981
Ethylbenzene	mg/kg	.05	0.0518	104.	78-115	WG506981
Toluene	mg/kg	.05	0.0536	107.	76-114	WG506981
Total Xylene	mg/kg	.15	0.154	103.	81-118	WG506981
a,a,a-Trifluorotoluene(FID)				96.03	59-128	WG506981
a,a,a-Trifluorotoluene(PID)				100.2	54-144	WG506981
TPH (GC/FID) Low Fraction	mg/kg	5.5	6.17	112.	67-135	WG506981
a,a,a-Trifluorotoluene(FID)		• • •		103.7	59-128	WG506981
a, a, a-Trifluorotoluene(PID)				98.07	54-144	WG506981
Chloride	mg/kg	200	200.	100.	85-115	WG507230
Total Solids		50	49.8	99.6	85-115	WG507554
TPH (GC/FID) High Fraction	ppm	60	48.0	80.0	50-150	WG508057
o-Terphenyl				78.12	50-150	WG508057

Laboratory Control Sample Duplicate,									
Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch	
Benzene	mg/kg	0.0545	0.0543	109.	76-113	0.290	20	WG506981	
Ethylbenzene	mg/kg	0.0512	0.0518	102.	78-115	1.22	20	WG506981	
Toluene	mg/kg	0.0535	0.0536	107.	76-114	0.170	20	WG506981	
Total Xylene	mg/kg	0.152	0.154	101.	81-118	1.37	2Ò	WG506981	
a,a,a-Trifluorotoluene(FID)				96.92	59-128	•		WG506981	

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a,a,a-Trifluorotoluene(FID)
 96.92
 59-128
 * Performance of this Analyte is outside of established criteria.
 For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Aztec, NM 87410

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₽\$228 Quality Assurance Report Level II

November 18, 2010

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7ax I.D. 62-0814289

Eax (615) 758-5859 (615) 758-5858 (615) 758-5858 (615) 758-5859 (615) 758-5859 (615) 758-5859

12065 Lebanon Rd.

1869055M	20-112/2	145 1748	1-02	tÖĩ	50.	0,10 0	£92.0	ົມງ∕βໝ	Toluene
18690SDM	20-112/8	120 P48	1-0T	5.42	S0.	0,00240	0.238	ົມ∂∖, ເ	euezuealyija
1869059M	20-11278	137 138	35-1	.901	50	0	0.266	ົນ∢∕βໝ	əuəzuəg
Ватсћ	dms2	it Ref	imil	sex %	, e, VT	Matrix Spil Ref Res	Seg 2M	ຂຸງເມິນ	Analyten&
LS080SDM			051-05		29.67				o-Terphenyl
LSOBOSDM	50	T	051-05		0.18	0.84	8.84	ພດີດ້	TPH (GC/FID) High Fraction
MC201530	so	0	511-58		.001	500.	-002	bu/bu	Chloride
1869ÓSDM			54-144		22.86 .	-			a, a, a. Trifluorotoiuene (PID)
18690SDM			20-138		₽.£01				a, a, a-Trifluorotoluene (FID)
18690SDM	. 50	0110	981-19 \$\$1-19	~ .	175. 100 4		81.9	ມາງ ໄດ້	a, a, a-Trifluorotoluene (PID) TPH (GC/FID) Low Fraction
Batch	Limit	RPD	timit	ienéor	ggec ubje Dupl	Control Sar Ref	<u> </u> Βουις Βοροτατοτγ	sjinU	Analyte

18690SDM	L487211-02	65	022.0	, 35-13 <u>4</u>	Ĺ	0.266 10	0 5 68	ա / բն		əuəzuəg
A256B	Gms2 198	נישוב	RPD	נוּשוֹב	plicate ec	ix Spike Du Ref \$8	USM Macr	sjinU		Αυαίγτε
L508055M			05T-05	82.78						o-Terphenyl
LS080SDM	₽0-81678₽J		051-05	<u>0</u> .17	09	ςo.ε	9.7Þ	. wdd		TPH (GC/FID) High Fraction
18690SDM		•	601-0S	82.86			÷			a, a, a-Trifiuorotoluene (PID)
18690SDM			20-158	0.501						a, a, a-Trifluorotoluene (FID)
18690SDM	1487211-02		601-55	5.96	` s •s	0.240	r.ð2	ົ່ 5 ຊັ່/ 5ພົ		TPH (GC/FID) LOW Fraction
18690SDM	- · ·		601-0S	LL 66					• ·	a, a, a-Trifluorocoluene (PID)
18690SDM		:	20-158	LE.96						a, a, a-Trifluororoluene (FID)
186905DM	_d81211-02		101-91	9 16	SI.	010.0	107.0	ພີ (ເ	•	Total Xylene
1869095M	1487211-02		50-145	101	50.	0	6.253	ົົົ∆/⊁ີດໜ		Toluene
186905DM	L487211-02	1	091-0T	5.42	S0.	0,00240	0.238	£4/£w		erhylbenzene
1869059M	T487211-02	•	35-131	.901	50.	0	992.0	ົນ,∕ຽໝ		auazuag

тен (GC/FID) Нідћ Ріастіоп -Тегрлепуl	.	udd]	9.24	9.7₽	91.6 <i>L</i> 9.79	051-05 051-05	62.Þ	50	. \$0-81678£J	720802DW 720802DW
Chloride		ωά\κά	. 0	. 0	*0			. 50		MG507230
a, a, a-Trifluorotoluene (PID)					21.86		•• •			T869059M
a, a, a-Trifluorotoluene (FID)					1.201	20-158				T869055M
TPH (GC/FID) LOW Fragetion		bγ/bu	25.2	. 7.85	9.06	601-55	96.2	50	1487211-02	18690SDM
a, a, a-Trifluorocoluene (PID)	• • •				5.66	\$\$1-\$S	• •	• •		T8690SDM
a, a, a-Trifiuorocoluene (FID)					14.96	821-65				18690SDM
Total Xylene	· ·	£dy/£u	81 <u>7</u> .0	107.0	8.56	I⊅T-9T	5-36	95	r487211-02	18690SDM
Toluene		by/bu	0.260	£5Z'0	. 401	50-145	5.83	45	C487211-02	1869055M
Erhylbenzene		64/6ພ	242.0	852.0	8.26	051-01	55.1	22	F481511-05	186909DM
əuəzuəg		£αγ/£ໝ	897.0	997.0		135-134	011°0	65	20-112/812	T869050M

Batch number / Sample number cross reference

MG208021: KT411491: T481258-01 MG201220: KT462831: T481258-01 MG201230: KT462831: T481558-01 MG206981: K1460006: T481558-01

* 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.'

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Aztec, NM 87410

Quality Assurance Report Level II

L487228

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

Tax I.D. 62-0814289

Est. 1970

November 18, 2010



James McDaniel /FAR/CTOC 11/22/2010 11:07 AM To brandon.powell@state.nm.us

cc bcc

Subject Gallegos Federal 26-13-1 #1S BGT Closure

Brandon,

Please accept this email as the required notification for BGT closure activities at the Gallegos Federal 26-13-1 #1S well site (api # 30-045-31712) located in Unit I, Section 1, Township 26N, Range 13W, San Juan County, New Mexico. This BGT will no longer be used due to P&Aing of this well. Thank you for your time in regards to this matter.





November 22, 2010

Mark Kelly, Bureau of Land Management – Farmington Field Office 1235 La Plata Highway Farmington, New Mexico, 87401

Re: Gallegos Federal 26-13-1 #1S Unit I, Section I, Township 26N, Range 13W, San Juan County, New Mexicô

Dear Mr. Kelly,

This submittal is pursuant to Rule 19.15.17.13 requiring operators to notify surface owners of the closure of a below grade tank pit. XTO Energy, Inc. (XTO) is hereby providing written documentation of our proposal to close the below grade tank pit associated with the above mentioned well site by waste excavation and removal.

Should you have questions or require additional information, please feel free to contact me at your convenience at (505) 333-3100. Thank you for your time in regards to this matter.

Respectfully Submitted,

James McDaniel EH&S Specialist XTO Energy, Inc. San Juan Division





XTO Energy, Inc. Gallegos Federal 26-13-1 #1S Section 1, Township 26N, Range 13W Closure Date 11/29/2010



Photo 1: Gallegos Federal 26-13-1 #1S after Backfill and Recontour (view 1)



Photo 2: Gallegos Federal 26-13-1 #1S after Backfill and Recontour (view 2)