Form C-144 July 21, 2008

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.

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# 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  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: Stewart 2 #1  API Number: 30-045-34733 OCD Permit Number:
U/L or Qtr/Qtr D Section 2 Township 23N Range 11W County: San Juan
Center of Proposed Design: Latitude 36.260921 Longitude 107.978771 NAD: 1927 🗵 1983
Surface Owner:  Federal State Private Tribal Trust or Indian Allotment
☑ Pit: Subsection F or G of 19.15.17.11 NMAC   Temporary: ☑ Drilling ☐ Workover   ☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A   ☑ Lined ☐ Unlined Liner type: Thickness 20 mil ☒ LLDPE ☐ HDPE ☐ PVC ☐ Other   ☐ String-Reinforced ☐ String-Reinforced ☐ Volume: _ bbl Dimensions: L
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
☐ Drying Pad ☐ Above Ground Steel Tanks ☐ Haul-off Bins ☐ Other
Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other
Liner Seams: Welded Factory Other
intent)  Drying Pad
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.

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						
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)  Screen Netting Other  Monthly inspections (If netting or screening is not physically feasible)						
s.  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.  Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for					
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 acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate districtive or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads on above-grade tanks associated with a closed-loop system.						
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					
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					
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					

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:  (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
Ist.   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   Nuisance or Hazardous Odors, including H <sub>2</sub> S, Prevention Plan   Emergency Response Plan   Oil Field Waste Stream Characterization   Monitoring and Inspection Plan   Erosion Control 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
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 G of 19.15.17.13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Instructions: Please indentify the facility or facilities for the disposal of liquids, of facilities are required.		
1	Disposal Facility Permit Number:	
Disposal Facility Name:	Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities of  ☐ Yes (If yes, please provide the information below) ☐ No		
Required for impacted areas which will not be used for future service and operatio  Soil Backfill and Cover Design Specifications based upon the appropriate  Re-vegetation Plan - based upon the appropriate requirements of Subsection  Site Reclamation Plan - based upon the appropriate requirements of Subsection	requirements of Subsection H of 19.15.17.13 NMAC I of 19.15.17.13 NMAC	C
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the provided below. Requests regarding changes to certain siting criteria may requir considered an exception which must be submitted to the Santa Fe Environmental demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC	e administrative approval from the appropriate disti Bureau office for consideration of approval. Justi,	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	a 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	a obtained from nearby wells	X Yes □ No □ NA
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	a obtained from nearby wells	☐ Yes 🛛 No ☐ NA
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other sig lake (measured from the ordinary high-water mark).  - Topographic map; Visual inspection (certification) of the proposed site	nificant watercourse or lakebed, sinkhole, or playa	Yes X No
Within 300 feet from a permanent residence, school, hospital, institution, or church - Visual inspection (certification) of the proposed site; Aerial photo; Satellite		☐ Yes ☒ No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less watering purposes, or within 1000 horizontal feet of any other fresh water well or s  - NM Office of the State Engineer - iWATERS database; Visual inspection (	pring, in existence at the time of initial application.	☐ Yes 🏿 No
Within incorporated municipal boundaries or within a defined municipal fresh wate adopted pursuant to NMSA 1978, Section 3-27-3, as amended.  - Written confirmation or verification from the municipality; Written approv	•	☐ Yes ☒ No
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visua	al 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 Society; Topographic map	/ & Mineral Resources; USGS; NM Geological	☐ 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 by a check mark in the box, that the documents are attached.  Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Construction/Design Plan of Temporary Pit (for in-place burial of a drying p Protocols and Procedures - based upon the appropriate requirements of 19.15 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Disposal Facility Name and Permit Number (for liquids, drilling fluids and d Soil Cover Design - based upon the appropriate requirements of Subsection Re-vegetation Plan - based upon the appropriate requirements of Subsection Site Reclamation Plan - based upon the appropriate requirements of Subsection	uirements of 19.15.17.10 NMAC Subsection F of 19.15.17.13 NMAC propriate requirements of 19.15.17.11 NMAC ad) - based upon the appropriate requirements of 19.15.17.13 NMAC uirements of Subsection F of 19.15.17.13 NMAC Subsection F of 19.15.17.13 NMAC rill cuttings or in case on-site closure standards cannot of 19.15.17.13 NMAC I of 19.15.17.13 NMAC	15.17.11 NMAC

Operator Application Certification:  I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.
Name (Print): Title:
Signature: Date:
e-mail address:Telephone:
20.  OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date:
Title:OCD Permit Number:
Closure Report (required within 60 days of closure completion): Subsection K of 19.15.17.13 NMAC  Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division 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 obtained and the closure activities have been completed.
☑ Closure Completion Date: March 12, 2009
22.     Closure Method:     □ Waste Excavation and Removal
23.  Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:  Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.
Disposal Facility Name: Basin Disposl (Dewatering Pit) Disposal Facility Permit Number: NM01-005
Disposal Facility Name: Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?  Yes (If yes, please demonstrate compliance to the items below) \( \subseteq \text{No} \)
Required for impacted areas which will not be used for future service and operations:  Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique
24. Closure Report Attachment Checklist: Instructions: Each of the following items 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)
<ul> <li>☑ Plot Plan (for on-site closures and temporary pits)</li> <li>☐ Confirmation Sampling Analytical Results (if applicable)</li> </ul>
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)        On-site Closure Location: Latitude
25. Operator Closure Certification:
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.
Name (Print): Kim Champlin Title: EH&S Administrative Coordinator
Signature: Kim Champlin Date: 12/04/2009
e-mail address: kim_champlin@xtoenergy.com Telephone: (505) 333-3100

Approved Brund Pall NMOCO 1/13/10

### XTO Energy Inc. San Juan Basin Closure Report

Lease Name: Stewart 2 #1 API No.: 30-045-34733

Description: Sec. 2D-T23N-R11W

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144.

- Proof of Closure Notice
- Proof of Deed Notice (Not Required)
- Plot Plan
- C-105
- Sampling Results
- Details on Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique
- Site Reclamation Photos (Including Steel Marker)
- 1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division-approved facility or recycled, reused, or reclaimed in a manner that the Aztec Division office approves.

Fluids were left to evaporate for almost 4 weeks and what was left was pulled off. Two truck loads of fluids were disposed of at Basin Disposal NM01-005 in late July/early August 2008.

2. The preferred method of closure for all temporary pits will be on-site, in-place burial, assuming that all criteria listed in Subsection (B) of 19.15.17.13 are met.

On-site, in-place burial plan for this location was approved by the Aztec Division office on October 7, 2008.

3. The surface owner shall be notified of XTO proposed closure plan using a means that provides proof of notice, i.e., Certified Mail, return receipt requested.

The surface owner was notified of XTO's proposed closure plan via email on August 29, 2008 and of on-site burial by certified mail, return receipt requested, December 1, 2008 (attached).

4. Within 6 months of Rig Off status occurring XTO will ensure that temporary pits are closed, recontoured, and reseeded.

Rig moved off location June 26, 2008. Pit closed March 12, 2009. Area seeded April 9, 2009 (beginning of first growing season after closure).

- 5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
  - i. Operator's Name
  - ii. Well Name and API Number
  - iii. Location by Unit Letter, Section. Township, Range

Notice was given to OCD by XTO within the specified time period (November 24, 2008, attached). Closure activity began November 27, 2008.

6. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve appropriate solidification. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

Pit contents were mixed with non-waste containing, earthen material in order to achieve appropriate solidification. The solidification process was accomplished using a combination of natural drying and mechanically mixing using a dozer and trachoe. Pit contents were mixed with non-waste, earthen material to a consistency that was deemed safe and stable. Approximately 380 cubic yards of sandylome earthen material from the location was added to pit contents of 190 cubic yards. The mixing ratio did not exceed 3 parts clean soil to 1 part pit contents. Solidification was completed November 27, 2008.

7. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).

8. A five point composite sample will be taken using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e. dig and haul. Disposal facilities to be utilized should this method be required will be Envirotech, Permit No. NM01-0011 or IEI, Permit No. NM01-0010B

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	ND
BTEX	EPA SW-846 8021B or 8260B	50	ND
TPH	- EPA SW-846 418.1	2500	71
GRO/DRO	EPA SW-846 8015M	500	47
Chlorides	EPA 300.1	500 or background	74 * (Resample)

9. Upon completion of solidification and testing, the pit area will be backfilled with compacted, non-waste containing earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

Upon completion of solidification and testing, the pit area was backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover was achieved and the cover included just over one foot of background topsoil suitable for establishing vegetation at the site. Backfill and cover were placed to match existing grade.

10. Re-contouring of the location will match fit, shape, line, form and texture of the surrounding area. Re-shaping will include drainage control, ponding prevention, and erosion prevention. 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 a smooth surface, fitting the natural landscape.

Re-contouring of location matches fit, shape, line, form and texture of the surrounding area. Re-shaping of the location included drainage control, ponding prevention, and erosion prevention. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final re-contour has a uniform appearance with smooth surface, fitting the natural landscape and was completed March 12, 2009.

- Notification will be sent to OCD when the reclaimed area is seeded.
   Notification via C-103 is included in this report. Seeding date was April 9, 2009.
- 12. XTO shall seed the disturbed areas the first growing season after the pit is closed. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM of 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.

  Notification via C-103 will be sent to OCD when the reclaimed area successfully achieves re-vegetation for two successive growing seasons.
- 13. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the on-site burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time all wells on the pad are abandoned. The operator's information will include the following: Operator's Name, Lease Name, Well Name and Number, Unit Number, Section, Township, Range and an indicator that the marker is an on-site burial location.

The temporary pit has been located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker includes a four foot tall riser welded around the base with the operator's information. The riser was set in a way to not impede reclamation activities. The operator's information includes the following: XTO Energy, Stewart 3 #1, 2D-T23N-R11W "Pit Burial".

14. XTO shall file a deed notice identifying the exact location of the on-site burial with the county clerk in the county where the on-site burial occurs.

Not required on state, federal, or tribal land according to FAQ dated October 30, 2008 and posted on the OCD website.

Two Copies	nate District	Oince	_		State of Ne						•					rm C-105
District I 1625 N. French Dr	., Hobbs, NA	M 88240	Energy, Minerals and Natural Resources						July 17, 2008 :							
District II 1301 W. Grand Av				Oil Comment on Division							30-045-34733					
District III			1	Oil Conservation Division 1220 South St. Francis Dr.							2. Type of Lease					
1000 Rio Brazos R District IV									1	STATE FEE FED/INDIAN  3. State Oil & Gas Lease No.						
<u> </u>	1220 S. St. Francis Dr., Santa Fe, NM 87505  Santa Fe, NM 87505  WELL COMPLETION OR RECOMPLETION REPORT AND LOG									4	3. State Off &	. Gas	Lease No.			
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'4. Reason for fil	ıng:									١	5. Lease Nam Ste	war		nent Na	ime	. •
☐ COMPLET	ION REP	ORT (Fill in bo	xes#1 thro	ugh #31	for State and Fee	wel	ls only)			ſ	6. Well Numb	er.				
,#33; attach this a	nd the plat	TACHMENT to the C-144 cl	(Fill in box osure repor	es#1 th	rough #9, #15 Da ordance with 19.1	te Ri 5.17.	g Release 13.K NM	ed a	and #32 and/o	'n	<del></del>	#1				······································
7 Type of Com		1 WORKOVER	DEEP	ENING.			DIFFER	EN	T RESERVO	)IR	OTHER					
8. Name of Oper	ator	Energy Inc.								1	9 OGRID		.00			
10. Address of O		Lifeigy inc.		<del> </del>			***************************************	-		╡	l'I. Pool name		80 ildcat			
	•	County Road	3100 Az	tec. N	M 87410					١						
12.Location	Unit Etr	Section	Town		Range	Lot		_	Feet from th	-	N/S Line	Feet	from the	E/W I	ine	County
Surface:	, D		<del>-   · ·</del>					┪	<u> </u>	+		-	<del></del>	k.		
BH:	, о	2		3N	11W	<u> </u>	4	$\dashv$	700	+	N ·		320 .	· W	,	San Juan
13 Date Spuddé	d 14. Da	te T.D. Reache	1 115	Dāte Ris	g Released	<u> </u>	, 1	  6.	Date Comple	ted	(Ready to Prod	uce)	117.	Elevat	nons (DF	and RKB,
06/23/2008	06/2	26/2008	0	6/26/	2008		i		10/03/20	08			RT	, GR, e	tc.)	
18. Total Measur	•				ck Measured Dep	oth		20.	Was Direction	onal	Survey Made?		21. Type	Electr	ic and O	ther Logs Run
22. Producing In	terval(s), o	f this completion	n - Top, Bo	ttom, N	ame											
23				CAS	SING REC	OR	D (Re	nc	ort all stri	ino	s set in w	-III	······································		<del></del>	
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28. Date First Produc	rtion	Dro	histor Ma	had /FI	owing, gas lift, pi		ODU(				Well Statüs	(Duo.	d on Chira	-11·		
Date First Froduc			idetion ivie	inou (776	owing, gas tijt, pi	mpo	ng - 512e (	una	і іуре ринф)		Well Status	17700	i, or shui-i			
Date of Test	Hours	Tested	Chöke Size	1	Prod'n For Test Period		Oil - E	вы	ľ	Gas	- MCF	W:	ater - Bbl.		Gás - C	Dil Ratio
Flow Tubing	Casing	Pressure	Calculated	24-	Oil - Bbl.		G	as -	MCF	· \	Water - Bbl.	<u> </u>	Oil Grav	nty - Al	Pl - (Cor	r.)
Press.		´	Hour Rate				•			ŀ				,	, -	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)  30 Test Witnessed By																
31. List Attachme	ents		<del>- 1</del>													
32. If a temporary	y pit was u	sed at the well;	attach a pla	t with th	ne location of the	temp	orary pit.				**************************************					· · · · · · · · · · · · · · · · · · ·
33. If an on-site t	ourial was i	used at the well	report the	exact lo			urial: 6.4060	) 5			Lamaituda	10-	75176		NIA	D 1927 1983
I hereby certi					Latitude h sides of this Printed				ınd comple	te	Longitude to the best of	fmy	knoviled	ge and	d beliej	C 1271 [1282]
Signature /	•	hany.			Name Kim	Cha	mplin		Title	E	EH&S Admini	.stra	ative Co	oord.	Date	12/04/2009
E-mail Addre	SS .	kim_champ	in@xtoei	nergy.c	com				<del></del>				<del></del> -			

DISTRICT I 1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II 1301 W. Grand Avenue, Artesia, N.M. 88210

1000 Rio Brazos Rd , Aztec, N.M. 87410 DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, N.M 87505

State of New Mexico Energy, Minerals & Natural Resources Department

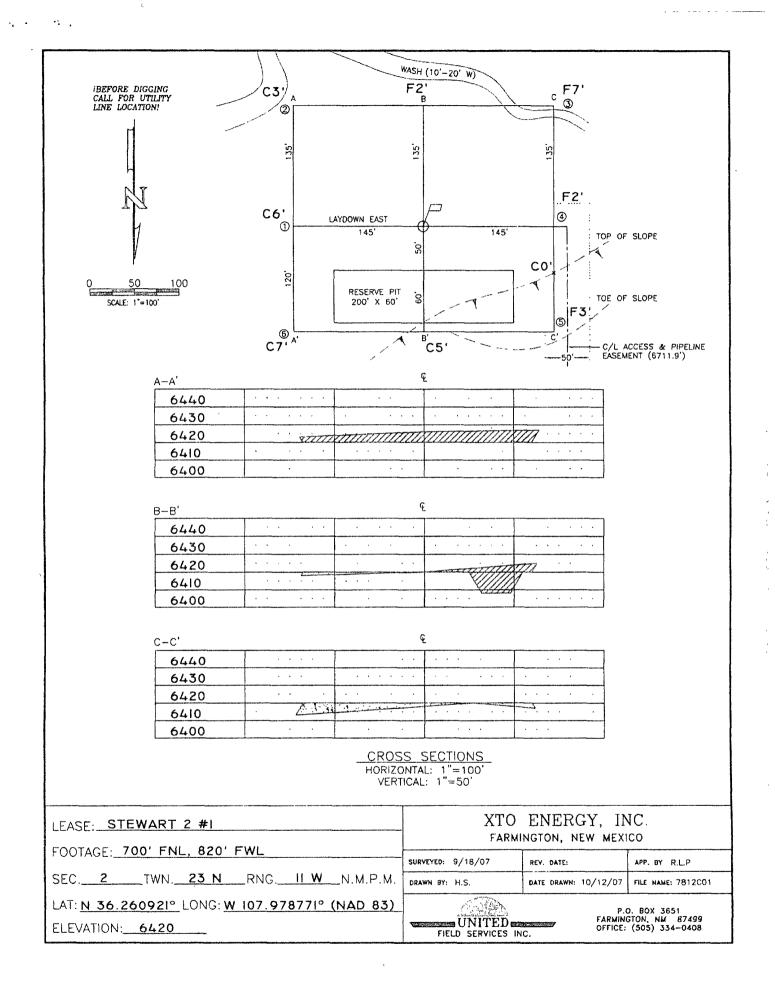
OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, N.M. 87505

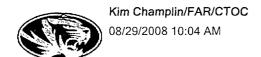
Form C-102 Revised October 12, 2005 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

		γ	VELL LO	OCATIO	N AND A	CRE	AGE DED	ICA	TION PI	TAL							
1 API	Number			Pool Code		S Pool Name						° Pool Name FRUITLAND COAL					
Property C	ode					roperty Name *Well Number EWART 2						Well Number					
₹OGRID N	lo.				*Operato	r Nam	ie	Elevation				Elevation					
					10 Surface			***************************************									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the		rth/South line	Fe	et from the	East/West	t line County						
D	2	23 N	II W		700		NORTH		820	WES	Т	NAUL NAS					
			11 Botto	m Hole	Location	If D	ifferent Fr	om	Surface								
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	No	orth/South line	Fe	et from the	East/West	line	County					
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16 S 89°22	44° E	2623		<b>4</b> 72	0°21'58' E		2621.34'				) CE	PTIFICATION					
, LST 4 800.		Lot 3 66.260921 107.9787	° N	ъ	2 TC		LOT 1	2634.48	17 OPERATOR CERTIFIC  I hereby certify that the information contained true and complete to the best of my knowledg and that this organization rither owns a work or unleased mineral inforest in the land inclus proposed bottom hole location or has a right to well at this location pursuant to a contract wo owner of such a mineral or working interest, voluntary pooling agreement or a compulsory pherefofore entered by the division.			m contained herein is ny knowledge and belief ums a working interest land including the is a right to drill this contract with an ig interest, or to a					
N 4°02'34" E			SECT	TON 2		, and the same and		S 2°43'19" W	Signature Printed Nam	e		Date					
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2737.38'								2631.56	I hereby certify was plotted from or under my su correct to the be	that the we in field notes pervision, an est of my be	U locati of acti id that lief	on shown on this plat sal surveys made by m the same is true and					
N 4°05'32" F		24.01	5 701					S 2°48'21" W	Date of Surve	584	16	E E					





To sdawson@slo.state.nm.us

CC

bcc

Subject Notice-Stewart 2 #1 Well Site

RE:

Stewart 2 #1 Gas Well API 30-045-34733 Sec. 2D- T23N- R11W, San Juan County

Dear Mr. Dawson:

This submittal is pursuant to Rule 19.15.17.13 requiring operators to notify surface owners of on site burial of temporary pits. XTO Energy Inc. (XTO) is hereby providing written documentation of our intention to close the temporary pit associated with the aforementioned location by means of in place on site burial.

Should you have any questions or require additional information please feel free to contact me at your earliest convenience (505) 333-3100.

Kim Champlin Environmental Representative XTO Energy San Juan Division (505) 333-3207 Office (505)330-8357 Cell (505) 333-3280 Fax



November 24, 2008

Scott Dawson New Mexico State Land Office Oil, Gas and Minerals Division PO Box 1148 Santa Fe, NM 87504-1148 (505) 827-6628

Regarding:

Stewart 2 #1 Gas Well API #30-045-34733

Sec. 2D-T23N-R11W, San Juan County

Dear Mr. Dawson,

Pursuant to NMAC Rule 19.15.17.13 requiring operators to notify surface owners of on site burial of temporary pits, XTO Energy Inc. (XTO) is hereby providing written documentation of closure of the temporary pit associated with the aforementioned location by means of in place on site burial. This temporary pit was closed in accordance to NMAC Rule 19.15.17.13.

Should you require any further information feel free to contact me at (505) 333-3100.

Respectfully submitted,

Kim Champlin

Sr. Environmental Representative

in Champler

XTO Energy Inc.

San Juan Division

Cc:

OCD

File

4612 H = 0005 Certified Fee Return Receipt Fee (Endorsement Required) 51.0 Restricted Delivery Fee (Endorsement Required) гú Total Postage & Fees 4007 N.M. STATE LAND OFFICE OIL, BOS 3 MINERALS DIMSTOR SENDER COMPLETIE THIS S sev Reverse (or Instruction A. Signatu Complete items 1, 2, and 3. Also complete ☐ Agent item 4 if Restricted Delivery is desired. Print your name and address on the reverse ☐ Addressee so that we can return the card to you. B. Received by (Printed Name) C. Date of Delivery Attach this card to the back of the mailpiece, or on the front if space permits. D. Is delivery address different from item 1?

A MITVES, after delivery address below: Article Addressed to: □ No io Mexico State hand Office L. Gas & Minikals Division Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D. 4. Restricted Delivery? (Extra Fee) ☐ Yes 2. Article Number 7004 2510 0005 9631 4612 (Transfer from service label) PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

BRANDON,

THIS IS OUR 72 HOUR NOTICE TO SOLIDIFY PIT CONTENTS ON AN XTO ENERGY WELL SITE. STEWART 2 #1
TOWNSHIP 23N, RANGE 11W, SECTION 2

THANK YOU,

STEPHANNE COATS
ROSENBAUM CONSTRUCTION
505-325-6367

Octo Dony Sternberger



#### COVER LETTER

Wednesday, October 15, 2008

Martin Nee XTO Energy 382 County Road 3100 Aztec, NM 87410

TEL: (505) 333-3100 FAX (505) 333-3280

RE: Reserve Pit Samples

Dear Martin Nee:

Order No.: 0810033

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 10/2/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager Nancy McDuffie, Laboratory Manager

NM Lab # NM9425 AZ license # AZ0682 ORELAP Lab # NM100001 Texas Lab# T104704424-08-TX



### Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-08

CLIENT:

XTO Energy

Lab Order:

0810033

Project:

Reserve Pit Samples

Lab ID:

0810033-01

Client Sample ID: Stewart 2#1 Reserve Pit Collection Date: 9/29/2008 11:00:00 AM

Date Received: 10/2/2008

Matrix: SOIL

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	E ORGANICS		. ***		Analyst: SCC
Diesel Range Organics (DRO)	47	10	mg/Kg	1 '	10/7/2008
Motor Oil Range Organics (MRO)	83	50	mg/Kg	1	10/7/2008
Surr: DNOP	91.8	61.7-135	%REC	1	10/7/2008
EPA METHOD 8015B: GASOLINE RA	ANGE				Analyst: DAM
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	10/12/2008 7:19:49 AM
Surr: BFB	91.6	58.8-123	%REC	5	10/12/2008 <sup>-</sup> 7:19:49 AM
EPA METHOD 8021B: VOLATILES	I.	•			Analyst: DAM
Benzene	ND	0.25	mg/Kg	5	10/12/2008 7:19:49 AM
Toluene	ND	0.25	mg/Kg	5	10/12/2008 7:19:49 AM
Ethylbenzene	ND	0.25	mg/Kg	5	10/12/2008 7:19:49 AM
Xylenes, Total	ND	0.50	mg/Kg	5	10/12/2008 7:19:49 AM
Surr: 4-Bromofluorobenzene	99.4	66.8-139	%REC	5	10/12/2008 7:19:49 AM
EPA METHOD 300.0: ANIONS				•	Analyst: SLB
Chloride	760	3.0	mg/Kg	10	10/9/2008 2:53:29 PM
EPA METHOD 418.1: TPH					Analyst: LRW
Petroleum Hydrocarbons, TR	71	20	mg/Kg	1	10/6/2008

O	นล	lifi	er	'n.

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Page 1 of 2

Date: 15-Oct-08

# **QA/QC SUMMARY REPORT**

Client:

XTO Energy

Project:

Reserve Pit Samples

Work Order:

0810033

Analyte	Result	Units	PQL	%Rec	LowLimit H	lighLimit	%RPD RI	PDLimit Qual
Method: EPA Method 300.0: A	nions							
Sample ID: MB-17278		MBLK		•	Batch ID:	17278	Analysis Date:	10/9/2008 4:26:47 AM
Chloride	ND	mg/Kg	0.30					
Sample ID: LCS-17278	,	LCS			Batch ID:		Analysis Date:	10/9/2008 4:09:23 AM
Chloride	14.61	mg/Kg	0.30	97.4	90	110		
Method: EPA Method 418.1: TF	PH ,							•
Sample ID: MB-17274		MBLK			Batch ID:	17274	Analysis Date:	10/6/2008
Petroleum Hydrocarbons, TR	ND	mg/Kg	20					
Sample ID: LCS-17274		LCS			Batch ID:	17274	Analysis Date:	10/6/2008
Petroleum Hydrocarbons, TR	91.14	mg/Kg	20	91.1	82	114		
Sample ID: LCSD-17274		LCSD			Batch ID:	17274	Analysis Date:	10/6/2008
Petroleum Hydrocarbons, TR	89.70	mg/Kg	20	89.7	82	114	1.59	20
Method: EPA Method 8015B: D	iesel Range	Organics		-				
Sample ID: MB-17265	_	MBLK			Batch ID:	17265	Analysis Date:	10/7/2008
Diesel Range Organics (DRO)	ND	mg/Kg	10					
Motor Oil Range Organics (MRO)	ND	mg/Kg	50					
Sample ID: LCS-17265		LCS			Batch ID:	17265	Analysis Date:	10/7/2008
Diesel Range Organics (DRO)	50.42	mg/Kg	10	101	64.6	116		
Sample ID: LCSD-17265		LCSD			Batch ID:	17265	Analysis Date:	10/7/2008
Diesel Range Organics (DRO)	51.21	mg/Kg	10	102	64.6	116	1.56 1	7.4
Method: EPA Method 8015B: G	asoline Ran	ge .						
Sample ID: 0810033-02A MSD	·	MSD			Batch ID:	17254	Analysis Date:	10/12/2008 12:53:36 PM
Gasoline Range Organics (GRO)	25.11	mg/Kg	5.0	91.1	69.5	120	11.0 1	1.6
Sample ID: MB-17254		MBLK			Batch ID:	17254	Analysis Date:	10/12/2008 11:22:29 AM
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0					
Sample ID: LCS-17254		LCS			Batch ID:	17254	Analysis Date:	10/12/2008 11:52:56 AM
Gasoline Range Organics (GRO)	23.63	mg/Kg	5.0	94.5	69.5	120		
Sample ID: 0810033-02A MS		MS	,		Batch ID:	17254	Analysis Date:	10/12/2008 12:23:15 PM
Gasoline Range Organics (GRO)	22.49	mg/Kg	5.0	80.6	69.5	120		

#### Qualifiers:

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

Date: 15-Oct-08

# **QA/QC SUMMARY REPORT**

Client;

XTO Energy

Project:

Reserve Pit Samples

Work Order:

0810033

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD F	RPDLimit Qual
Method: EPA Method 8021B:	Volatiles						-	
Sample ID: 0810033-02A MSD		MSD	Ì		Batch (	D: 17254	Analysis Date	: 10/12/2008 12:53:36 PN
Benzene	0.3163	mg/Kg	0.050	113	7.8.8	132	4.76	27
Toluene	2.244	mg/Kg	0.050	112	78.9	112	1.28	19 S
Ethylbenzene	0.4690	mg/Kg	0.050	117	69.3	125	4.89	10
Xylenes, Total	2,744	mg/Kg	0.10	119	73	128	4.46	13
Sample ID: MB-17254		MBLK			Batch I	D: 17254	Analysis Date	: 10/12/2008 11:22:29 AN
Benzene	ND	mg/Kg	0.050			•		
Toluene	ND	mg/Kg	0.050					
Ethylbenzene	ND	mg/Kg	0.050					
Xylenes, Total	ND	mg/Kg	0.10					
Sample ID: LCS-17254		LCS			Batch I	D: 17254	Analysis Date	: 10/12/2008 11:52:56 AN
Benzene	0.3162	mg/Kg	0.050	113	78.8	132		
Toluene	2.185	mg/Kg	0.050	109	78.9	112		
Ethylbenzene	0.4510	mg/Kg	0.050	113	69,3	125		
Xylenes, Total	2.687	mg/Kg	0.10	117	73	128		
Sample ID: 0810033-02A MS		MS			Batch II	D: <b>17254</b>	Analysis Date	: 10/12/2008 12:23:15 PM
Benzene :	0.3016	mg/Kg	0.050	108	78.8	132	•	
Toluene	2.273	mg/Kg	0.050	114	78.9	112		S
Ethylbenzene	0.4925	mg/Kg	0.050	123	69.3	125		
Xylenes, Total	2.869	mg/Kg	0.10	125	73	128		

#### Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Page 2

#### Hall Environmental Analysis Laboratory, Inc.

#### Sample Receipt Checklist Client Name XTO ENERGY Date Received: 10/2/2008 ARS Work Order Number 0810033 Received by: Sample ID labels checked by: Checklist completed by: Matrix: Carrier name **FedEx** No 🗆 Yes 🗸 Not Present Shipping container/cooler in good condition? No 🗆 Yes 🗹 Not Present Custody seals intact on shipping container/cooler? Not Shipped Yes 🗌 No 🗆 $\mathbf{V}$ Custody seals intact on sample bottles? N/A No 🗆 Yes 🔽 Chain of custody present? No 🗔 Chain of custody signed when relinquished and received? Yes 🗹 No 🗆 Yes 🗹 Chain of custody agrees with sample labels? No 🗌 Yes 🔽 Samples in proper container/bottle? Yes 🗹 No 🗀 Sample containers intact? No 🖂 Yes 🔽 Sufficient sample volume for indicated test? No 🗆 Yes 🔽 All samples received within holding time? Yes 🔲 No 🗆 No VOA vials submitted Water - VOA vials have zero headspace? Yes 🗌 No 🔲 N/A 🗹 Water - Preservation labels on bottle and cap match? Yes No 🗆 N/A Water - pH acceptable upon receipt? Container/Temp Blank temperature? <6° C Acceptable If given sufficient time to cool. COMMENTS: Client contacted Date contacted: Person contacted Contacted by: Regarding: Comments: **Corrective Action**

_	HALL ENVIRONMENTAL ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	(les	(Gas/Dies (	B3108   1.403 b 1.403 b 1.4	TEX + MTE PH (Methoo PH (Methoo PH (Methoo DC (Metho B; OC) (PNA c B; OC) B; OC) (Semi- DS1 Pestici CC) CC	1		\ \				Remarks: E. Maje Results To:	LAST HOEKSTRA	Any Sub
Turn-Around Time:	K Standard □ Rush	Project Name:	RESERVE Pr SAMPLES	Project #:	STEWART 2#		ARTIN NEE	Karamen and American	Preservative HEAI	DOLOGO DISTRIBUTION OF THE PARTY OF THE PART						Received by: In the Tolling E	2 7 7 2 7	contracted to other accredited laboratories. This serves as notice of this possibility.
Chain-of-Custody Record			382 Rows 3100	c NW	505-333-3207		:: □ Level 4 (Full Validation)		Time Sample Request ID	11:00AM STEWART 2#1	-		7			Time: Relinquished by:	Relinquished by:	If necessary, samples submitted to Hall Environmental may be subcontracted to other
Chain	Client: XTO	:	Address: 3	*	Phone #: 5	email or Fax#:	QA/QC Package:  Standard  Other	□ EDD (Type)	Date	9/29		,	1		·	Date: Time:	-	If necessary,

This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



#### **COVER LETTER**

Monday, January 05, 2009

Martin Nee XTO Energy 382 County Road 3100 Aztec, NM 87410

TEL: (505) 333-3100 FAX (505) 333-3280

RE: Reserve Pit Samples

Dear Martin Nee:

Order No.: 0812507

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 12/23/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager Nancy McDuffie, Laboratory Manager

NM Lab # NM9425 AZ license # AZ0682 ORELAP Lab # NM100001 Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 05-Jan-09

CLIENT:

XTO Energy

0812507

Lab Order: Project:

Reserve Pit Samples

Lab ID:

0812507-01

Client Sample ID: Stewart 2#1 Re-Sample Reserve Pi

Collection Date: 12/19/2008 12:00:00 PM

Date Received: 12/23/2008

Matrix: SOIL

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS	<del></del>			<u> </u>	Analyst: RAGS
Chloride	74	3.0	mg/Kg	10	12/30/2008 2:34:44 PM

Quali	fiers
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- Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Date: 05-Jan-09

# **QA/QC SUMMARY REPORT**

Client:

XTO Energy

Project:

Reserve Pit Samples

Work Order:

0812507

Analyte	Result	Units	PQL	%Rec	LowLimit High	nLimit	%RPD RF	PDLimit Qual
Method: EPA Method 300.0: Sample ID: MB-17971	Anions	MBLK	1		Batch ID:	17971	Analysis Date:	12/30/2008 1:25:06 PM
Chloride Sample ID: LCS-17971	ND	mg/Kg <i>LCS</i>	0.30		Batch ID:	17971	Analysis Date:	12/30/2008 1:42:30 PM
Chloride	15.29	mg/Kg	0.30	102	90 11	0		

#### Qualifiers:

- E Estimated value
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  - S Spike recovery outside accepted recovery limits

## Hall Environmental Analysis Laboratory, Inc.

### Sample Receipt Checklist

Client Name XTO ENERGY			Date Rec	ceived:	12/23/2008	
Work Order Number 0812507	Ì		Receive	ed by: TLS	(his	
Checklist completed by:		ا ا	Sample Sample	ID labels checked b	by: frittels	<b>-</b>
Matrix: Carrier	name <u>Fed</u>	<u>Ex</u>				
Shipping container/cooler in good condition?	Yes		No 🗆	Not Present		
Custody seals intact on shipping container/cooler?	Yes	V	No 🗌	Not Present	☐ Not Shipped	
Custody seals intact on sample bottles?	Yes		No 🗌	N/A	$ \mathbf{V} $	
Chain of custody present?	Yes	V	No 🗀			
Chain of custody signed when relinquished and received?	Yes	$\checkmark$	No 🗌			
Chain of custody agrees with sample labels?	Yes	V	No 🗀			
Samples in proper container/bottle?	Yes	$\checkmark$	No 🗀			
Sample containers intact?	Yes	V	No 🗌			
Sufficient sample volume for indicated test?	Yes	$\checkmark$	No $\Box$			
All samples received within holding time?	Yes	V	No 🗆	ı		
Water - VOA vials have zero headspace? No VOA via	submitted	V	Yes 🗆	No 🗆		
Water - Preservation labels on bottle and cap match?	Yes		No 🗀	N/A 🗹		
Water - pH acceptable upon receipt?	Yes		No 🗀	N/A 🗹		
Container/Temp Blank temperature?		3°	<6° С Ассе,			
COMMENTS:			If given suffi	cient time to cool.		
		<del>-</del> =				=
Client contacted Date contacted	d:			Person contacted		
Contacted by: Regarding:	<u> </u>					
Comments:						
		·				
Corrective Action						
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	HALL ENVIRONMENTAL	www hallenvironmental com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis	(jes	Gas or Sas/Dies Os,bOq, S'BOq s	5B ((3) 1,1) 1,1) 1,00 <sub>2</sub> 1,00 <sub>3</sub> 1,00 <sub>3</sub>	108 I 314 b 508 b 50N, 50N, 1 seb	onteM) onteM) onteM) onteM) o AM9)	TPH EDB 8310 Anion 8210 8270								E. MAIL RESULTS TO .	T HOEKSTEA CHAMPUN	If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
			4	,			1208) e'i				l							Bomarke.	四,	King	possibility.
Turn-Around Time:	dard 🗆 Rush	lame:	RUTE PIT SAMORES	STEWARY 2#	RE-SAMPLE REFERSE PT	Project Manager:	MARTIN NEG	Kier		Pre	lype O3	JAR 165						Received by:	12/23/08	Received by:	other accredited laboratories. This serves as notice of this
Turn-Aro		Project N	PESGENE -	Project #:	RE-S	Project N		Sampler:	Sample 4	Container	lype ar	(1) 402 JAP	,						3		ontracted to o
hain-of-Custody Record			Address: 382 Reps 3100	- NM 87410	133-3207		QA/QC Package: ☐ Standard ☐ Level 4 (Full Validation)		L EUD (1998)	Date Time Sample Request ID		12/19 12:00 Re-Sample Reserve Pet						Date: Time: Relinquishearby:	22 7:30	Date: Time: Relinquished by:	If necessary, samples submitted to Hall Environmental may be subco.

Office	rate District	State of New Mexico			Form C-103	
District I		rgy, Minerals and Natural F	lesources	WELL ADIA	June 19, 2008	<u>.</u>
1625 N. French Dr , Hobbs, I District II				WELL API N	5-34733	
1301 W. Grand Ave , Artesia	<sub>i, NM 88210</sub> OII	L CONSERVATION DIV		5. Indicate T		┪
District III 1000 Rio Brazos Rd , Aztec,	NM 87410	1220 South St. Francis		STATI		╛
District IV		Santa Fe, NM 87505		6. State Oil &	& Gas Lease No.	1
1220 S St Francis Dr , Santa 87505	a Fe, NM					
	DRY NOTICES AND	REPORTS ON WELLS	,	7. Lease Nan	ne or Unit Agreement Name	٦
		RILL OR TO DEEPEN OR PLUG BA R PERMIT" (FORM C-101) FOR SU				
PROPOSALS.)	USE APPLICATION FOR	R PERMIT (FORM C-101) FOR SO			art 2	4
1. Type of Well: Oil V	Well Gas Well	X Other		8. Well Num	ber #1	
2. Name of Operator				9. OGRID N		
3. Address of Operator	XTO Energy Inc			10. Pool nam	5380	$\dashv$
3. Address of Operator	382 County Road 310	00 Aztos NM 97410				
4. Well Location	302 County Road 310	O AZIEC, INIVI 07410		Basın	Fruitland Coal	$\dashv$
Unit Letter	D : 700	feet from the North	line and	820 feet	from the West line	
Section		Township 23N Range		NMPM	County San Juan	
Section	2 11 Flev	ration (Show whether DR, RKI	11W R RT GR etc		County San Guan	ě
		ation (show whether Bit, thri	, 117, 011, 010.			
		,			And the second s	22.1
12	. Check Appropria	ate Box to Indicate Natur	e of Notice.	Report or Ot	her Data	
	•••			•		
	CE OF INTENTIC	l l		•	REPORT OF:	
PERFORM REMEDIAL	<del></del>	= 1	MEDIAL WOR		☐ ALTERING CASING ☐	
TEMPORARILY ABAN				ILLING OPNS.	<u> </u>	
PULL OR ALTER CAS	<del></del> -	LE COMPL	SING/CEMEN	T JOB	J	
DOWNHOLE COMMIN	IGLE 🗌					
OTHER:		П от	HER See	d Temporary Pit	Area 🔯	
	sed or completed opera	ations. (Clearly state all pertir				-
						e
of starting any	proposed work). SEE	RULE 1103. For Multiple Co	mpletions: A	ttach wellbore d	lagram of proposed completio	
or recompletion	1.	•	-			
or recompletion The area where	the temporary pit	has been buried in place	-			
or recompletion The area where drilling on th	h. the temporary pit e contour (disk and	has been buried in place seed contour).	-			
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			TE	MPORARY F	PIT INSPEC	CTION FORI	М		
Well Name:	Stewart 2#1			API No.:	3004534733				
Legals:	Sec:	2D		Township:	23N	,	Range:	11W	- •
Inspector's	Inspection	Any visible liner breeches	Any fluid seeps/	HC's on top of	Temp. pit free of misc solid waste/	Discharg line	Fence	Any dead	Freeboard
Name	Date	(Y/N)	spills (Y/N)	<del></del>		integrity (Y/N)	integrity (Y/N)		Est. (ft)
D. Elrod	6/24/2008	N	N	N	Y	Y	Y	N	>2'
D. Elrod	6/25/2008	N	N	N N	Y	Y	Y	N	>2'
D. Elrod	6/26/2008	N	N	N	Y	Y	Y	N	>2'
Mike Hartsell	9/24/2008	N	N	N	Y	Y	Y	N	2'
Mike Hartsell	10/2/2008	N	N	N	Υ	Υ	_ Y	N	2'
Mike Hartsell	10/7/2008	N	N	N	Υ	Υ	Υ	N	2'
Mike Jones	10/15/2008	N	N	N	Υ	Υ	Y	N	6-8'
Roger B.	10/24/2008	N	N	N	Y	Y	Y	N	6-8'
Roger B.	11/7/2008	N	N	N	Y	Y	Y	N	6-8'
Roger B.	11/10/2008	N	N	N	Υ	Y	Y.	N	6-8'
Roger B.	11/21/2008	N	N	N	Y	Y	Y	N	6-8'
Roger B.	11/26/2008	N	N	N	Y	Υ	Y	N	6-8'
Mike Hartsell	1/6/2009	N	N	N	Υ	Υ	Υ	N	N/A

Provide [	Detailed Description:
Misc:	Stabilized in November 2008. Did not close until March 2009 due to weather conditions.

