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

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

API # 30-045-30681

OPERATOR ☐ Initial Report ☒ Final Report

Name of Company **XTO Energy Inc.**	Contact **Kim Champlin**
Address **#382 County Road 3100 Aztec, NM 87410**	Telephone No. **(505) 333-3100**
Facility Name **WF Federal 25 #1**	Facility Type **Gas Well**

Surface Owner **Federal**	Mineral Owner	Lease No. **NMNM02070010**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	**25**	**30N**	**14W**	**2130**	**North**	**575**	**East**	**San Juan**

Latitude_____ **Longitude**_____

RCVD JUL 2 '08
OIL CONS. DIV.
DIST. 3

NATURE OF RELEASE

Type of Release **Produced Water**	Volume of Release **Approx 7 bbl**	Volume Recovered **Approx 5 bbl**
Source of Release **Pumping Tubing Line**	Date and Hour of Occurrence **12/30/07, time unknown**	Date and Hour of Discovery **12/30/07 at 9:30 am**
Was Immediate Notice Given? **X** Yes ☐ No ☐ Not Required	If YES, To Whom? **Brandon Powell- NMOCD Mark Kelly- BLM**	
By Whom? **Lisa Winn**	Date and Hour **12/31/07**	
Was a Watercourse Reached? ☒ Yes ☐ No	If YES, Volume Impacting the Watercourse. **Approximately 2 barrels**	

If a Watercourse was Impacted, Describe Fully.*
An estimated 2 barrels of produced water following an incline running off location and into a small unnamed dry wash. An emergency berm was constructed within the wash to prevent further run off and samples were collected for analysis.

Describe Cause of Problem and Remedial Action Taken.* **An XTO Lease Operator reported a release on location. Upon investigation it was discovered the pumping tubing line from the wellhead to the separator had froze and split releasing approximately 7 barrels of produced water onto the ground. Approximately 2 barrels ran off location down an incline and into a small unnamed dry wash. The location was immediately shut in and a vac truck was dispatched. Approximately 5 barrels was recovered.**

Describe Area Affected and Cleanup Action Taken.*
The location of the release was immediately contained by constructing a berm and vac truck was used to recover any standing water. An automation technician made repairs and the well was returned to production. Soil samples from the unnamed wash were collected for analysis. All notifications were made.
Location was resampled May, 2008. All results are included.

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 regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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 liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Kim Champlin	OIL CONSERVATION DIVISION
Printed Name: **Kim Champlin**	Approved by District Supervisor: Bob Pell For: Charlie Perrin
Title: **Environmental Representative**	Approval Date: 7/2/08 Expiration Date:
E-mail Address: **Kim_Champlin@xtoenergy.com**	Conditions of Approval: Attached ☐
Date: **7/01/08** Phone: **505-333-3100**	

* Attach Additional Sheets If Necessary

Incident # nRMD0928151768

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	XTO Energy	Project #:	98031-121
Sample ID:	PS	Date Reported:	01-04-08
Laboratory Number:	43957	Date Sampled:	01-02-08
Chain of Custody:	3754	Date Received:	01-02-08
Sample Matrix:	Soil Extract	Date Extracted:	01-02-08
Preservative:	Cool	Date Analyzed:	01-03-08
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		
pH	**8.77**	s.u.		
Conductivity @ 25° C	**114**	umhos/cm		
Total Dissolved Solids @ 180C	**92.0**	mg/L		
Total Dissolved Solids (Calc)	**85.0**	mg/L		
SAR	**0.7**	ratio		
Total Alkalinity as CaCO3	**38.0**	mg/L		
Total Hardness as CaCO3	**44.0**	mg/L		
Bicarbonate as HCO3	**38.0**	mg/L	0.62	meq/L
Carbonate as CO3	**<0.1**	mg/L	0.00	meq/L
Hydroxide as OH	**<0.1**	mg/L	0.00	meq/L
Nitrate Nitrogen	**0.56**	mg/L	0.01	meq/L
Nitrite Nitrogen	**<0.01**	mg/L	0.00	meq/L
Chloride	**0.34**	mg/L	0.01	meq/L
Fluoride	**0.13**	mg/L	0.01	meq/L
Phosphate	**<0.1**	mg/L	0.00	meq/L
Sulfate	**32.6**	mg/L	0.68	meq/L
Iron	**0.777**	mg/L	0.03	meq/L
Calcium	**17.6**	mg/L	0.88	meq/L
Magnesium	**<0.1**	mg/L	0.00	meq/L
Potassium	**0.10**	mg/L	0.00	meq/L
Sodium	**10.6**	mg/L	0.46	meq/L
Cations			1.37	meq/L
Anions			1.33	meq/L
Cation/Anion Difference			**3.22%**	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **WF Federal #25-1.**

Christine M Walters
Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	XTO Energy	Project #:	98031-121
Sample ID:	S	Date Reported:	01-04-08
Laboratory Number:	43956	Date Sampled:	01-02-08
Chain of Custody:	3754	Date Received:	01-02-08
Sample Matrix:	Soil Extract	Date Extracted:	01-02-08
Preservative:	Cool	Date Analyzed:	01-03-08
Condition:	Cool & Intact		

Parameter	Analytical Result	Units		
pH	**8.39**	s.u.		
Conductivity @ 25° C	**3,950**	umhos/cm		
Total Dissolved Solids @ 180C	**2,450**	mg/L		
Total Dissolved Solids (Calc)	**2,411**	mg/L		
SAR	**19.5**	ratio		
Total Alkalinity as CaCO3	**50.0**	mg/L		
Total Hardness as CaCO3	**312**	mg/L		
Bicarbonate as HCO3	**50.0**	mg/L	0.82	meq/L
Carbonate as CO3	**<0.1**	mg/L	0.00	meq/L
Hydroxide as OH	**<0.1**	mg/L	0.00	meq/L
Nitrate Nitrogen	**0.83**	mg/L	0.01	meq/L
Nitrite Nitrogen	**<0.01**	mg/L	0.00	meq/L
Chloride	**1,350**	mg/L	38.08	meq/L
Fluoride	**<0.01**	mg/L	0.00	meq/L
Phosphate	**<0.1**	mg/L	0.00	meq/L
Sulfate	**119**	mg/L	2.48	meq/L
Iron	**<0.01**	mg/L	0.00	meq/L
Calcium	**113**	mg/L	5.64	meq/L
Magnesium	**7.32**	mg/L	0.60	meq/L
Potassium	**0.60**	mg/L	0.02	meq/L
Sodium	**790**	mg/L	34.37	meq/L
Cations			40.62	meq/L
Anions			41.39	meq/L
Cation/Anion Difference			**1.87%**	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **WF Federal #25-1.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

3754

Client:	Project Name / Location:
XTO ENERGY	WF FEDERAL # 25-1
Client Address:	Sampler Name: KURT HOEKSTRA
Client Phone No.: 486-9543	Client No.: 98031-121

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative $HgCl_2$	Preservative HNO_3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)				Sample Cool	Sample Intact
BG	1/2	10:35	43955	SOIL	1-bag							✓								✓	✓
S	1/2	10:40	43956	"	"							✓								✓	✓
PS	1/2	10:45	43957	"	"							✓								✓	✓

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kurt Hoekstra	1-2-08	11:35	[signature]	1/2/08	1135
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

PLEASE E-MAIL RESULTS TO:
KIM CHAMPLIN
LISA WINN

ENVIROTECH INC.
5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	WF Fed 25 #1PS-RS	Date Reported:	05-14-08
Laboratory Number:	45340	Date Sampled:	05-06-08
Chain of Custody:	4343	Date Received:	05-06-08
Sample Matrix:	Soil Extract	Date Extracted:	05-11-08
Preservative:		Date Analyzed:	05-12-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	**8.89**	s.u.		
Conductivity @ 25° C	**509**	umhos/cm		
Total Dissolved Solids @ 180C	**304**	mg/L		
Total Dissolved Solids (Calc)	**324**	mg/L		
SAR	**3.3**	ratio		
Total Alkalinity as CaCO3	**11.6**	mg/L		
Total Hardness as CaCO3	**56.9**	mg/L		
Bicarbonate as HCO3	**11.6**	mg/L	0.19	meq/L
Carbonate as CO3	**<0.1**	mg/L	0.00	meq/L
Hydroxide as OH	**<0.1**	mg/L	0.00	meq/L
Nitrate Nitrogen	**10.5**	mg/L	0.17	meq/L
Nitrite Nitrogen	**<0.01**	mg/L	0.00	meq/L
Chloride	**38.0**	mg/L	1.07	meq/L
Fluoride	**<0.1**	mg/L	0.00	meq/L
Phosphate	**<0.1**	mg/L	0.00	meq/L
Sulfate	**184**	mg/L	3.83	meq/L
Iron	**33.8**	mg/L	1.21	meq/L
Calcium	**10.3**	mg/L	0.51	meq/L
Magnesium	**7.61**	mg/L	0.63	meq/L
Potassium	**10.0**	mg/L	0.26	meq/L
Sodium	**56.5**	mg/L	2.46	meq/L
Cations			5.06	meq/L
Anions			5.26	meq/L
Cation/Anion Difference			**3.77%**	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **WF Fed 25 #1.**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CATION / ANION ANALYSIS

Client:	XTO Energy	Project #:	98031-0121
Sample ID:	WF Fed 25 #1S-RS	Date Reported:	05-14-08
Laboratory Number:	45339	Date Sampled:	05-06-08
Chain of Custody:	4343	Date Received:	05-06-08
Sample Matrix:	Soil Extract	Date Extracted:	05-11-08
Preservative:		Date Analyzed:	05-12-08
Condition:	Intact		

Parameter	Analytical Result	Units		
pH	**8.33**	s.u.		
Conductivity @ 25° C	**1,320**	umhos/cm		
Total Dissolved Solids @ 180C	**776**	mg/L		
Total Dissolved Solids (Calc)	**697**	mg/L		
SAR	**8.9**	ratio		
Total Alkalinity as CaCO3	**10.8**	mg/L		
Total Hardness as CaCO3	**99.9**	mg/L		
Bicarbonate as HCO3	**10.8**	mg/L	0.18	meq/L
Carbonate as CO3	**<0.1**	mg/L	0.00	meq/L
Hydroxide as OH	**<0.1**	mg/L	0.00	meq/L
Nitrate Nitrogen	**0.6**	mg/L	0.01	meq/L
Nitrite Nitrogen	**<0.01**	mg/L	0.00	meq/L
Chloride	**218**	mg/L	6.15	meq/L
Fluoride	**0.84**	mg/L	0.04	meq/L
Phosphate	**1.1**	mg/L	0.03	meq/L
Sulfate	**221**	mg/L	4.60	meq/L
Iron	**0.325**	mg/L	0.01	meq/L
Calcium	**36.3**	mg/L	1.81	meq/L
Magnesium	**2.24**	mg/L	0.18	meq/L
Potassium	**5.99**	mg/L	0.15	meq/L
Sodium	**204**	mg/L	8.87	meq/L
Cations			11.03	meq/L
Anions			11.02	meq/L
Cation/Anion Difference			**0.17%**	

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **WF Fed 25 #1.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

4343

Client:	Project Name / Location:
XTO Energy	WF FED 25 #1
Client Address:	Sampler Name: KURT HOEKSTRA
Client Phone No.:	Client No.: 98031-121

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl2	Preservative HNO3	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)					Sample Cool	Sample Intact
WF FED 25 #1 PS-RS	5/1/08	1430	45339	soil	1-bag							✓										✓
WF FED 25 #1 PS-RS	1	1435	45340	1	1							✓										✓

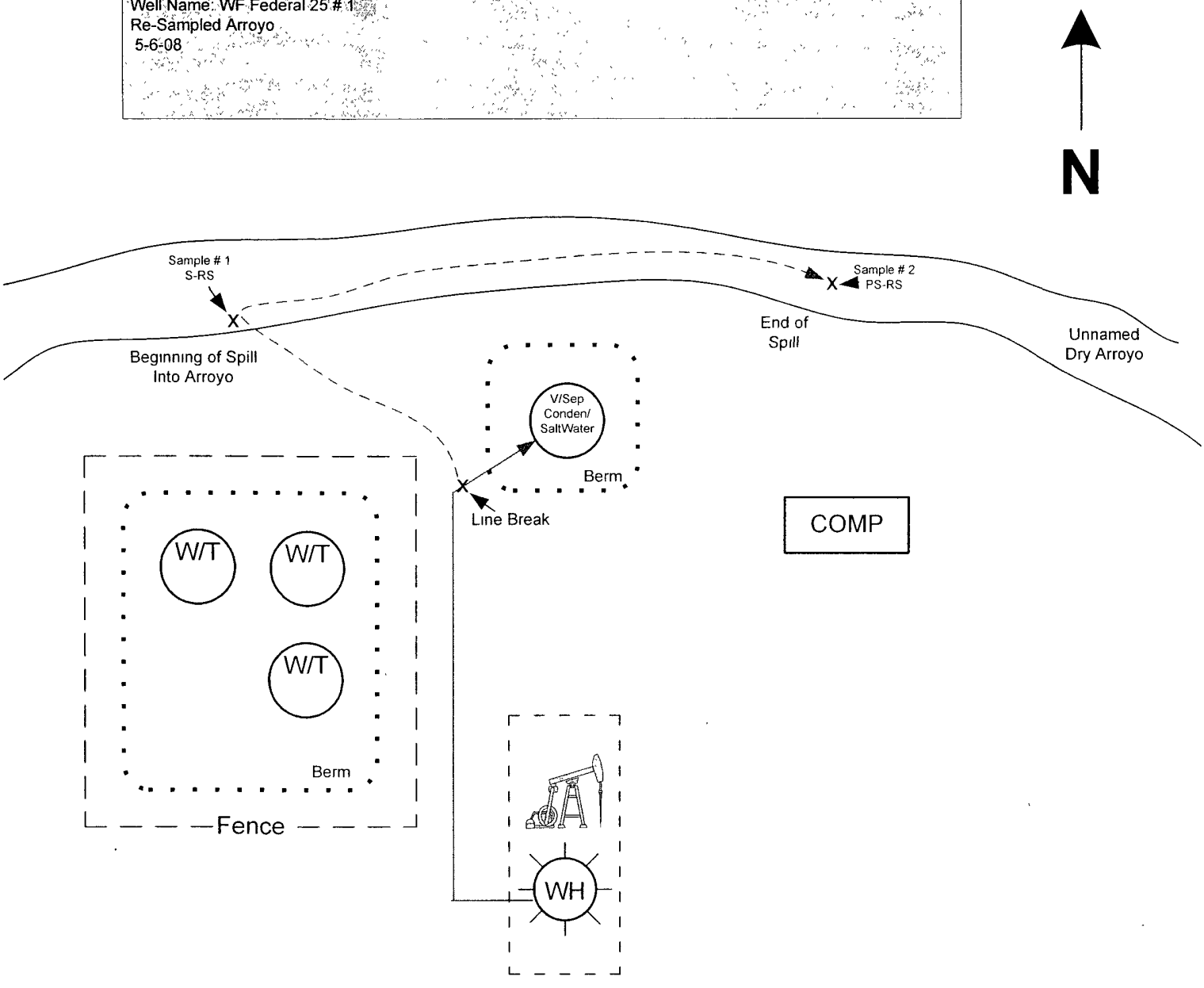
ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kurt Hoekstra	5-6-08	3:25pm		5/6/08	1525
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

E-MAIL RESULTS TO:
MARTIN NEE
KIM CHAMPLIN

ENVIROTECH INC.
5796 U.S. Highway 64 • Farmington, New Mexico 87401 • (505) 632-0615

Well Name: WF Federal 25 # 1
Re-Sampled Arroyo
5-6-08



Production
Gas
Oil
Water
Equalizing Line
Catch Basin-