

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

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 Salty Dog SWD #4 (API 30-045-32334)	Facility Type Salt Water Disposal Injection Well

Surface Owner Federal	Mineral Owner	Lease No. NMNM101552
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	01	30N	14W	2580	South	1890	West	San Juan

Latitude 36.8427305 Longitude 108.2629528

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release Approx 100 bbl	Volume Recovered 0 bbl
Source of Release Load line valve	Date and Hour of Occurrence 07/10/08, time unknown	Date and Hour of Discovery 07/10/08 at 8:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
By Whom? Kim Champlin	Date and Hour 07/11/08 9:30 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.* ☐ An XTO employee received a callout page for high-high tank level on the location. Upon arriving on location a small stream of produced water was noticed coming from the load line valve that wasn't completely closed. The valve was closed immediately and the location was searched to determine impact. The stream of produced water ran down the line, across location and off location approximately 100 yards traveling through the natural contour of the area. The release did not impact any surface water or watercourse. Water trucks were dispatched to pull water from the tank but due to dry weather conditions the released produced water was absorbed into the ground and there was no recovery. Sample of the water were collected by Sierra Chemical Company for analysis (results attached). Lab results show no hydrocarbons were present.

Describe Area Affected and Cleanup Action Taken.* ☐ The valve on the pipeline was closed and a vac truck was dispatched immediately. Due to dry weather conditions the produced water was absorbed into the ground and the vac truck was unable to recover any of the release. Lab results did not reveal the presence of hydrocarbons.

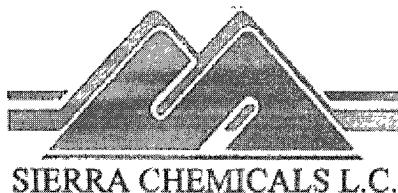
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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: <i>Kim Champlin</i>	OIL CONSERVATION DIVISION	
Printed Name: Kim Champlin	Approved by District Supervisor: <i>Bob Bell</i>	For: <i>Charlie Perrin</i>
Title: Environmental Representative	Approval Date: 7-23-08	Expiration Date:
E-mail Address: Kim_Champlin@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 07/21/08 Phone: 505-333-3100		

* Attach Additional Sheets If Necessary

Incident # *11KMBR286282*

RCVD JUL 23 '08
OIL CONS. DIV.
DIST. 3



Phone 505-334-0447 FAX 505-334-9530

104 Bison Trail, Aztec, NM 87410

WATER ANALYSIS REPORT

SAMPLE

Oil Co. : **XTO energy**
Lease : **Salty Dog**
Well No.: **4**
Location: **North Battery**
Attention: **John Weaver**

Date Sampled : **7-10-08**
Date Analyzed: **10-July-2008**
Lab ID Number: **Jul1008.001- 1**
Salesperson : **Jason Hare**
Requested By : **John Weaver**
File Name : **Jul1008.001**

ANALYSIS

1. Ph **8.000**
2. Specific Gravity 60/60 F. **1.021**
3. CACO3 Saturation Index @ 80F **1.338** Severe
@140F **2.128** Severe

Dissolved Gasses

4. Hydrogen Sulfide **Not Determined**
5. Carbon Dioxide **Not Determined**
6. Dissolved Oxygen **Not Determined**

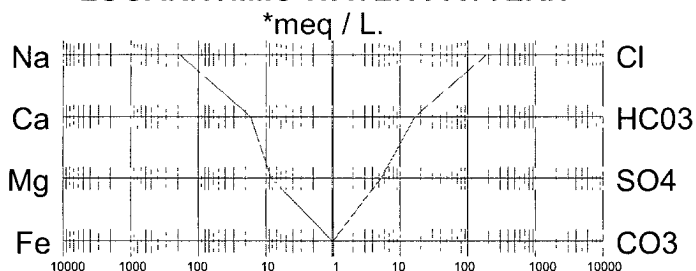
Cations

			MG/L.	EQ. WT.	*MEQ/L
7.	Calcium (Ca++)		321	/ 20.1 =	15.97
8.	Magnesium (Mg++)		97	/ 12.2 =	7.95
9.	Sodium (Na+) (Calculated)		4,150	/ 23.0 =	180.43
10.	Barium (Ba++)		0	/ 68.7 =	0.00

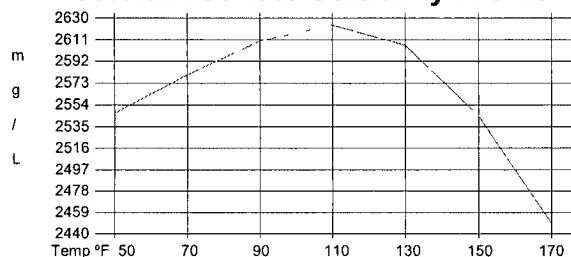
Anions

11.	Hydroxyl (OH-)		0	/ 17.0 =	0.00
12.	Carbonate (CO3=)		0	/ 30.0 =	0.00
13.	Bicarbonate (HCO3-)		976	/ 61.1 =	15.97
14.	Sulfate (SO4=)		250	/ 48.8 =	5.12
15.	Chloride (Cl-)		6,499	/ 35.5 =	183.07
16.	Total Dissolved Solids		12,293		
17.	Total Iron (Fe)		2.00	/ 18.2 =	0.11
18.	Manganese (Mn++)		Not Determined		
19.	Total Hardness as CaCO3		1,201		
20.	Resistivity @ 75 F. (Calculated)		0.379	Ohm · meters	

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT.	=	mg/L.
Ca(HCO3)2	15.97		81.04		1,294
CaSO4	0.00		68.07		0
CaCl2	0.00		55.50		0
Mg(HCO3)2	0.00		73.17		0
MgSO4	5.12		60.19		308
MgCl2	2.82		47.62		134
NaHCO3	0.00		84.00		0
NaSO4	0.00		71.03		0
NaCl	180.25		58.46		10,537

* milliequivalents per Liter

Jason Hare, Analyst