

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: Logan Hixon
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3683
Facility Name: Jicarilla Apache #11E (30-039-22460)	Facility Type: Gas Well (Dakota, Mesa Verde)

Surface Owner: Jicarilla Apache	Mineral Owner:	Lease No.: JIC 154
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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
C	28	26 N	5W	955	FNL	1685	FWL	Rio Arriba

Latitude: 36.46254N Longitude: -107.36734

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: None
Source of Release: BGT	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: March 18, 2013
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	RCVD MAY 6 '13
By Whom?	Date and Hour:	OIL CONS. DIV.
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	DIST. 3

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 Jicarilla Apache #11E due to upgrades made to this site. A 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 8015, Benzene and BTEX via USEPA Method 8021, and for total chlorides. The sample returned results below the 'Pit Rule' spill confirmation standards for Benzene, Total BTEX and total chlorides, but above the 'pit rule' standards for TPH, confirming that a release has occurred at this location. The site was then ranked pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 30 due to an estimated distance of less than 1000 feet to drainage, and an estimated distance of less than 50 feet to groundwater. This set the closure standard to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX, or 100 ppm organic vapors.

Describe Area Affected and Cleanup Action Taken.*

Based on TPH results of 140 PPM via USEPA Method 418.1, it has been confirmed that a release had occurred at this location. The BGT closure composite sample returned results below the regulatory standards of 100 ppm TPH via USEPA Method 8015, 10 ppm benzene, and 50 ppm BTEX via USEPA Method 8021 respectively determined for this site pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. All applicable 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 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: <u>Logan Hixon</u>		OIL CONSERVATION DIVISION	
Printed Name: Logan Hixon		Approved by District Supervisor: <u>[Signature]</u>	
Title: Environmental Technician		Approval Date: <u>11/6/2013</u>	Expiration Date:
E-mail Address: Logan_Hixon@xtoenergy.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>4-29-13</u>	Phone: 505-333-3683		

NJK 1331255409



Analytical Report

Report Summary

Client: XTO Energy Inc.

Chain Of Custody Number: 15244

Samples Received: 3/18/2013 2:30:00PM

Job Number: 98031-0528

Work Order: P303058

Project Name/Location: Jicarilla Apache #11E

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Tim Cain, Laboratory Manager

Date: 3/19/13

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
21 bbl bgt	P303058-01A	Soil	03/18/13	03/18/13	Glass Jar, 4 oz.

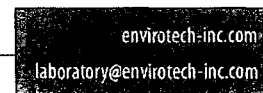
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21 bbl bgt
P303058-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	46.3	ug/L	0.9	1312001	19-Mar-13	19-Mar-13	EPA 8021B	
Toluene	ND	46.3	ug/L	0.9	1312001	19-Mar-13	19-Mar-13	EPA 8021B	
Ethylbenzene	ND	46.3	ug/L	0.9	1312001	19-Mar-13	19-Mar-13	EPA 8021B	
p,m-Xylene	ND	46.3	ug/L	0.9	1312001	19-Mar-13	19-Mar-13	EPA 8021B	
o-Xylene	ND	46.3	ug/L	0.9	1312001	19-Mar-13	19-Mar-13	EPA 8021B	
Total BTEX	ND	46.3	ug/L	0.9	1312001	19-Mar-13	19-Mar-13	EPA 8021B	
Surrogate: Bromochlorobenzene		96.0 %	80-120		1312001	19-Mar-13	19-Mar-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		1312001	19-Mar-13	19-Mar-13	EPA 8021B	
Surrogate: Fluorobenzene		102 %	80-120		1312001	19-Mar-13	19-Mar-13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.1	mg/kg	1	1312002	18-Mar-13	18-Mar-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.1	mg/kg	1	1312002	18-Mar-13	18-Mar-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.1	mg/kg	1	1312002	18-Mar-13	18-Mar-13	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	140	20.0	mg/kg	1	1312011	19-Mar-13	19-Mar-13	EPA 418.1	
Cation/Anion Analysis									
Chloride	11.9	1.00	mg/kg	1	1312009	19-Mar-13	19-Mar-13	EPA 300.0	

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Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1312001 - Purge and Trap EPA 5030A

Blank (1312001-BLK1)

Prepared & Analyzed: 18-Mar-13

Benzene	ND	50.0	ug/L							
Toluene	ND	50.0	"							
Ethylbenzene	ND	50.0	"							
p,m-Xylene	ND	50.0	"							
o-Xylene	ND	50.0	"							
Total BTEX	ND	50.0	"							

Surrogate: Bromochlorobenzene	50.6		"	50.0		101	80-120			
Surrogate: 1,4-Difluorobenzene	48.7		"	50.0		97.5	80-120			
Surrogate: Fluorobenzene	50.5		"	50.0		101	80-120			

Duplicate (1312001-DUP1)

Source: P303056-01

Prepared & Analyzed: 18-Mar-13

Benzene	ND	50.0	ug/L		ND				30	
Toluene	ND	50.0	"		ND				30	
Ethylbenzene	ND	50.0	"		ND				30	
p,m-Xylene	ND	50.0	"		ND				30	
o-Xylene	ND	50.0	"		ND				30	

Surrogate: Bromochlorobenzene	51.2		"	50.0		102	80-120			
Surrogate: 1,4-Difluorobenzene	48.2		"	50.0		96.5	80-120			
Surrogate: Fluorobenzene	49.8		"	50.0		99.6	80-120			

Matrix Spike (1312001-MS1)

Source: P303056-01

Prepared & Analyzed: 18-Mar-13

Benzene	15.8		ug/L	50.0	0.20	31.2	39-150			SPK 1
Toluene	50.8		"	50.0	0.52	101	46-148			
Ethylbenzene	50.6		"	50.0	0.10	101	32-160			
p,m-Xylene	101		"	100	0.70	100	46-148			
o-Xylene	50.7		"	50.0	0.37	101	46-148			

Surrogate: Bromochlorobenzene	51.6		"	50.0		103	80-120			
Surrogate: 1,4-Difluorobenzene	48.6		"	50.0		97.2	80-120			
Surrogate: Fluorobenzene	48.6		"	50.0		97.2	80-120			

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Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1312002 - GRO/DRO Extraction EPA 3550C										
Blank (1312002-BLK1)				Prepared & Analyzed: 18-Mar-13						
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg							
Diesel Range Organics (C10-C28)	ND	5.0	"							
GRO and DRO Combined Fractions	ND	5.0	"							
Duplicate (1312002-DUP1)				Source: P303056-01 Prepared & Analyzed: 18-Mar-13						
Gasoline Range Organics (C6-C10)	ND	5.0	mg/kg		ND				30	
Diesel Range Organics (C10-C28)	ND	5.0	"		ND				30	
Matrix Spike (1312002-MS1)				Source: P303056-01 Prepared & Analyzed: 18-Mar-13						
Gasoline Range Organics (C6-C10)	207		mg/L	250	0.5	82.7	75-125			
Diesel Range Organics (C10-C28)	208		"	250	4.6	81.2	75-125			

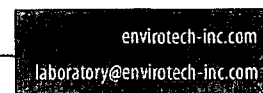
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Total Petroleum Hydrocarbons by 418.1 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1312011 - 418 Freon Extraction										
Blank (1312011-BLK1)					Prepared & Analyzed: 19-Mar-13					
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1312011-DUP1)					Source: P303058-01 Prepared & Analyzed: 19-Mar-13					
Total Petroleum Hydrocarbons	127	20.0	mg/kg		140			9.92	30	
Matrix Spike (1312011-MS1)					Source: P303058-01 Prepared & Analyzed: 19-Mar-13					
Total Petroleum Hydrocarbons	1800	20.0	mg/kg	2000	140	83.1	80-120			

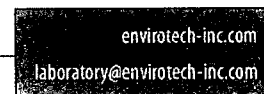
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Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1312009 - Anion Extraction EPA 300.0

Blank (1312009-BLK1)

Prepared & Analyzed: 19-Mar-13

Chloride	ND	1.00	mg/kg							
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Notes and Definitions

SPK1	The spike recovery for this QC sample is outside of control limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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* Rush *

CHAIN OF CUSTODY RECORD

15244

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Client: XTO			Project Name / Location: Jicarilla Apache #11E			ANALYSIS / PARAMETERS													
Email results to: Logan.Hixon@xtoenergy.com			Sampler Name: Logan Hixon			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact		
Client Phone No.: (505) 386-2018			Client No.: 98031-0528																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
					HgCl ₂	HCl	CO ₂												
21 bbl bgt	3-18-13	17:00	P303058-01	1-402			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Relinquished by: (Signature) <i>[Signature]</i>					Date 3-18-13 17:30	Time 14:30	Received by: (Signature) <i>[Signature]</i>					Date 3/18/13	Time 14:30						
Relinquished by: (Signature)							Received by: (Signature)												
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																			

XTO Energy, Inc.
Jicarilla Apache #11E
Section 28 (C), Township 26N, Range 5W
Closure Date: April 19, 2013

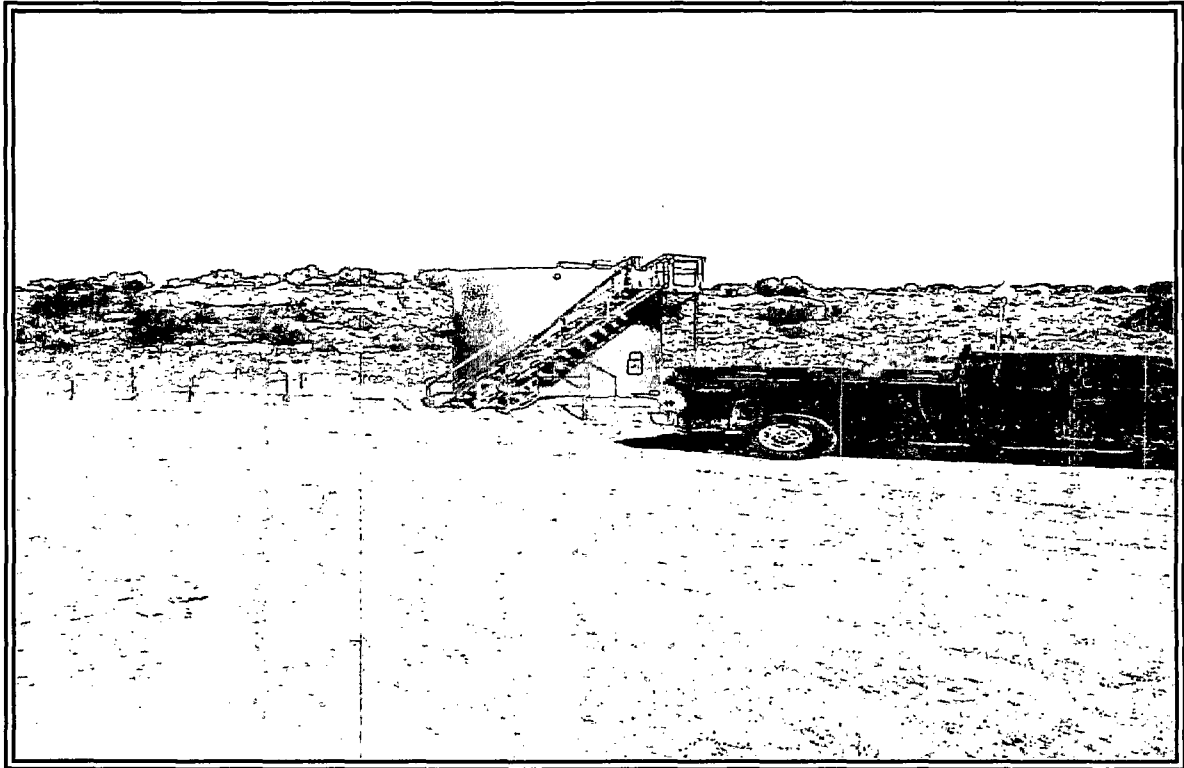


Photo 1: Jicarilla Apache #11E after upgrades.



Photo 2: Jicarilla Apache #11E after upgrades.

XTO Energy, Inc.
Jicarilla Apache #11E
Section 28 (C), Township 26N, Range 5W
Closure Date: April 19, 2013

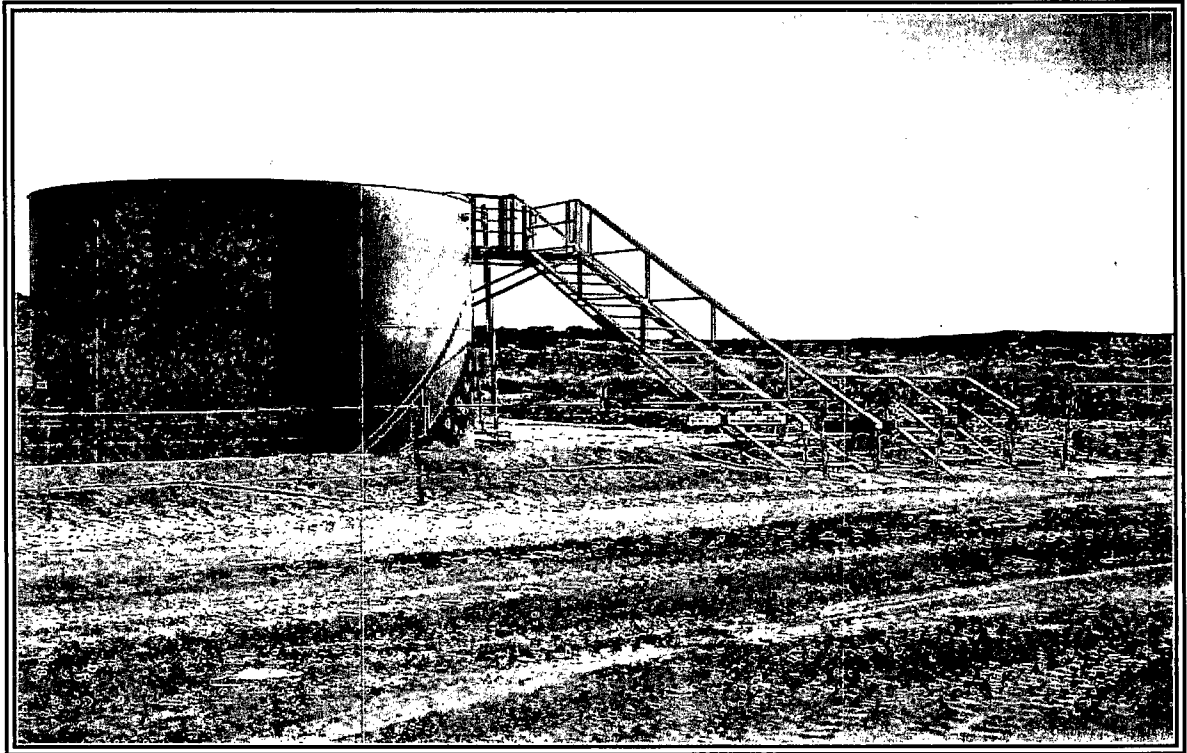


Photo 3: Jicarilla Apache #11E after upgrades.

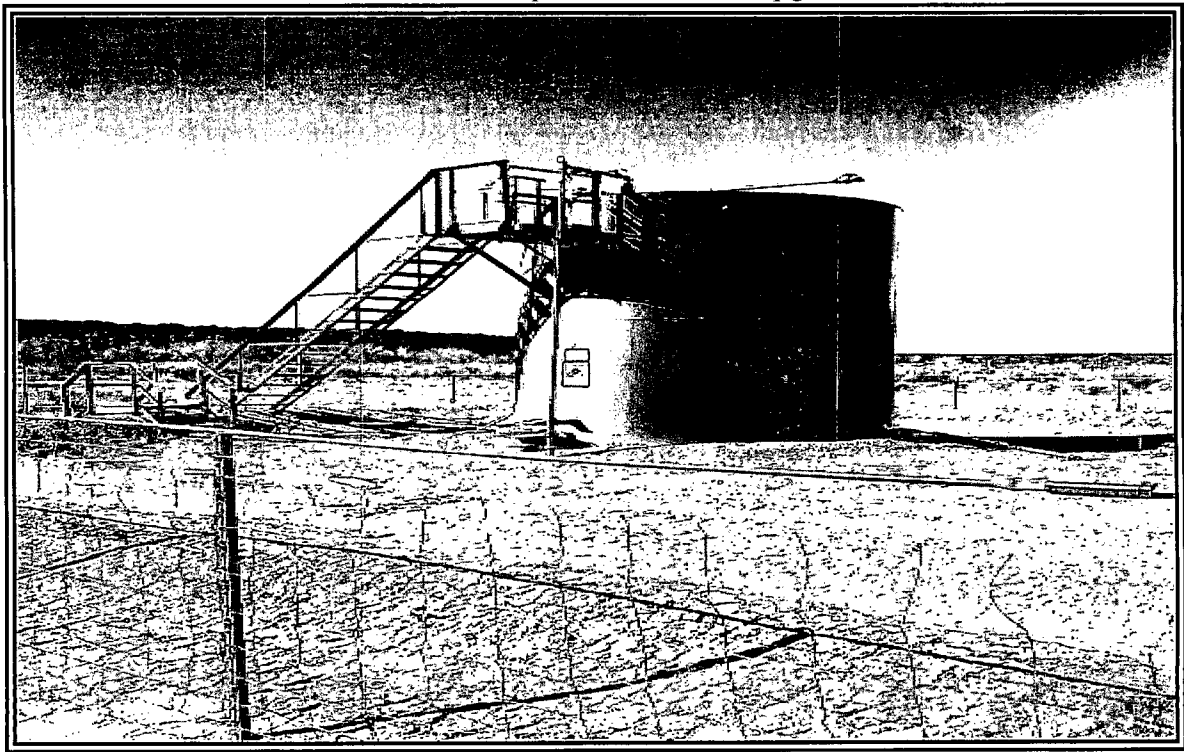


Photo 4: Jicarilla Apache #11E after upgrades.