

HOBBS OCD

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

OCT 30 2013 revised October 10, 2003  
Form C-141  
Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form  
**RECEIVED**

Release Notification and Corrective Action

OPERATOR

Initial Report  Final Report

<b>Name of Company:</b> XTO Energy	<b>Contact:</b> Guy Pearce
<b>Address:</b> P.O. Box 700 Eunice, NM 88231	<b>Telephone No.:</b> (575) 394 - 2089 Ext 2203
<b>Facility Name:</b> JL Greenwood #13	<b>Facility Type:</b> Oil well

<b>Surface Owner:</b> Charlie Bettis	<b>Mineral Owner:</b>	<b>API:</b> 30-025-10134
--------------------------------------	-----------------------	--------------------------

LOCATION OF RELEASE

JRL 10/30/13

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	9	22S	37E					Lea

Latitude: N 32° 24' 12.06" Longitude: W 103° 10' 09.76"

NATURE OF RELEASE

<b>Type of Release:</b> Oil	<b>Volume of Release:</b> 5 bbls	<b>Volume Recovered:</b> 0 bbls
<b>Source of Release:</b> sidewall of steel flow-line split	<b>Date and Hour of Occurrence:</b> 10/25/13 @ 14:00pm	<b>Date and Hour of Discovery:</b> 10/25/13 @ 14:00pm
<b>Was Immediate Notice Given?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<b>If YES, To Whom?</b> Geoff Leking	
<b>By Whom?</b> Guy Pearce	<b>Date and Hour:</b> 10/25/13	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse:</b> Not Applicable	

Depth to Water, ~85 ft bgs

If a Watercourse was Impacted, Describe Fully.\* Not Applicable

**Describe Cause of Problem and Remedial Action Taken.\*** Approximately 5 bbls of oil were released when the sidewall of a steel flow-line split. There was no volume recovered. An Emergency Response Team arrived at the release area and began continuous abatement of the impacted area. Visibly stained soil was excavated and hauled away for disposal at a state approved facility.

**Describe Area Affected and Cleanup Action Taken.\*** Approximately 31,100 square feet of surface area was impacted by the release. No volume of water was recovered from the site. Soil samples will be collected from release area and submitted to Cardinal Laboratories for testing. Upon receipt of laboratory analytical data from soil samples collected during delineation operations, EPI will prepare and present a Remediation Proposal for approval.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC 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.

<b>Signature:</b> <i>Guy Pearce</i>	<b>OIL CONSERVATION DIVISION</b>	
<b>Printed Name:</b> Guy Pearce	<i>Geoffrey Leking</i> Approved by District Supervisor Environmental Specialist	
<b>Title:</b> Production Foreman	<b>Approval Date:</b> 10/30/13	<b>Expiration Date:</b> 12/30/13
<b>E-mail Address:</b> <a href="mailto:guy_pearce@xtoenergy.com">guy_pearce@xtoenergy.com</a>	<b>Conditions of Approval:</b> SUBMIT FINAL	<b>Attached</b> <input type="checkbox"/>
<b>Date:</b> <b>Phone:</b> (575) 394-2089 Ext 2203	C-141 BY 12/30/13	IRP-10-13-

\* Attach Additional Sheets If Necessary

2985



29 October 2013

Mr. Geoff Leking, Environmental  
NMOCD  
1625 N. French Drive  
Hobbs, New Mexico 88240

HOBBS OCD

OCT 30 2013

RECEIVED

**Re: Initial C-141  
XTO Energy  
JL Greenwood #13  
UL-K, Section 9, Township 22 South, Range 37 East  
Lea County, New Mexico**

Mr. Leking:

Environmental Plus, Inc. (EPI), on behalf of Mr. Guy Pearce, XTO Energy, (XTO), submits the attached form C-141 for the above-referenced leak site, located on land owned by Charlie Bettis.

The site is located approximately 3 miles south of Eunice, New Mexico (reference *Figure 1*). A search for water wells was completed utilizing the New Mexico Office of the State Engineer's website and a United States Geological Survey (USGS) database. A total of twelve (12) wells are located in the area surrounding the release site (reference *Table 1*). One (1) well (domestic, agriculture or public) and no bodies of surface water exist within a 1,000-foot radius of the release site (reference *Figure 2*). Groundwater data indicated the average water depth is approximately 85 feet below ground surface (bgs). The attached site information and metrics form ranks the site in accordance with the NMOCD Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993).

Approximately 5 bbls of oil was released when a steel flow-line sidewall split, no barrels were recovered (reference *Figure 3* and attached photographs). Based on available information, it was projected distance between impacted soil and groundwater is approximately 85 vertical feet. Utilizing this information, New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this Site were determined as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	100 parts per million
Chloride	500 parts per million

ENVIRONMENTAL PLUS, INC.



Should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at [ddominguezepi@gmail.com](mailto:ddominguezepi@gmail.com) or Mr. Guy Pearce at (575) 441-2965 or via e-mail at [guy\\_pearce@xtoenergy.com](mailto:guy_pearce@xtoenergy.com). All official communication should be addressed to:

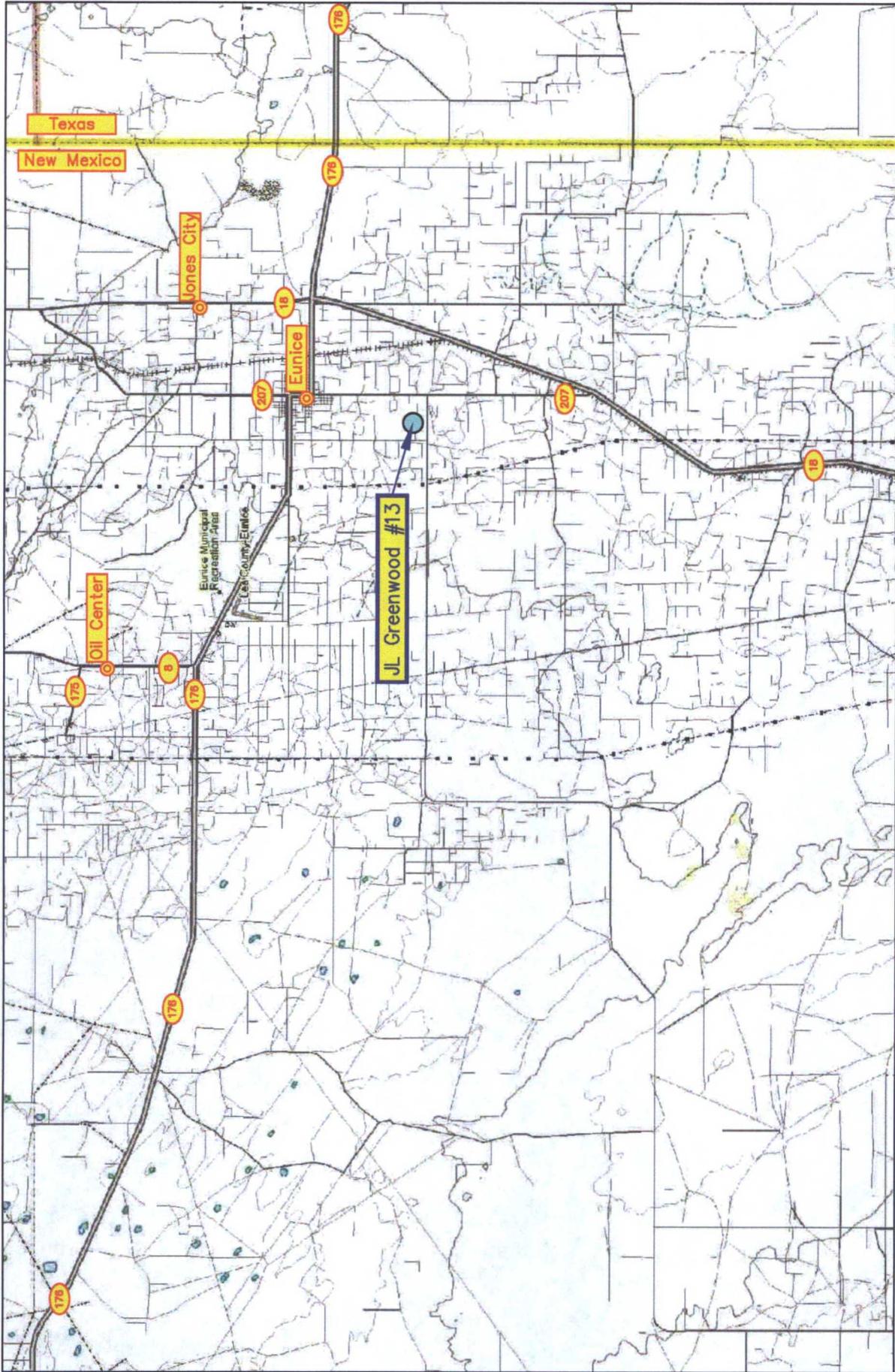
Mr. Guy Pearce  
XTO Energy  
P.O. Box 700  
Eunice, New Mexico 88231

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez  
Environmental Consultant

cc: Charlie Bettis, Landowner, Eunice, NM  
File



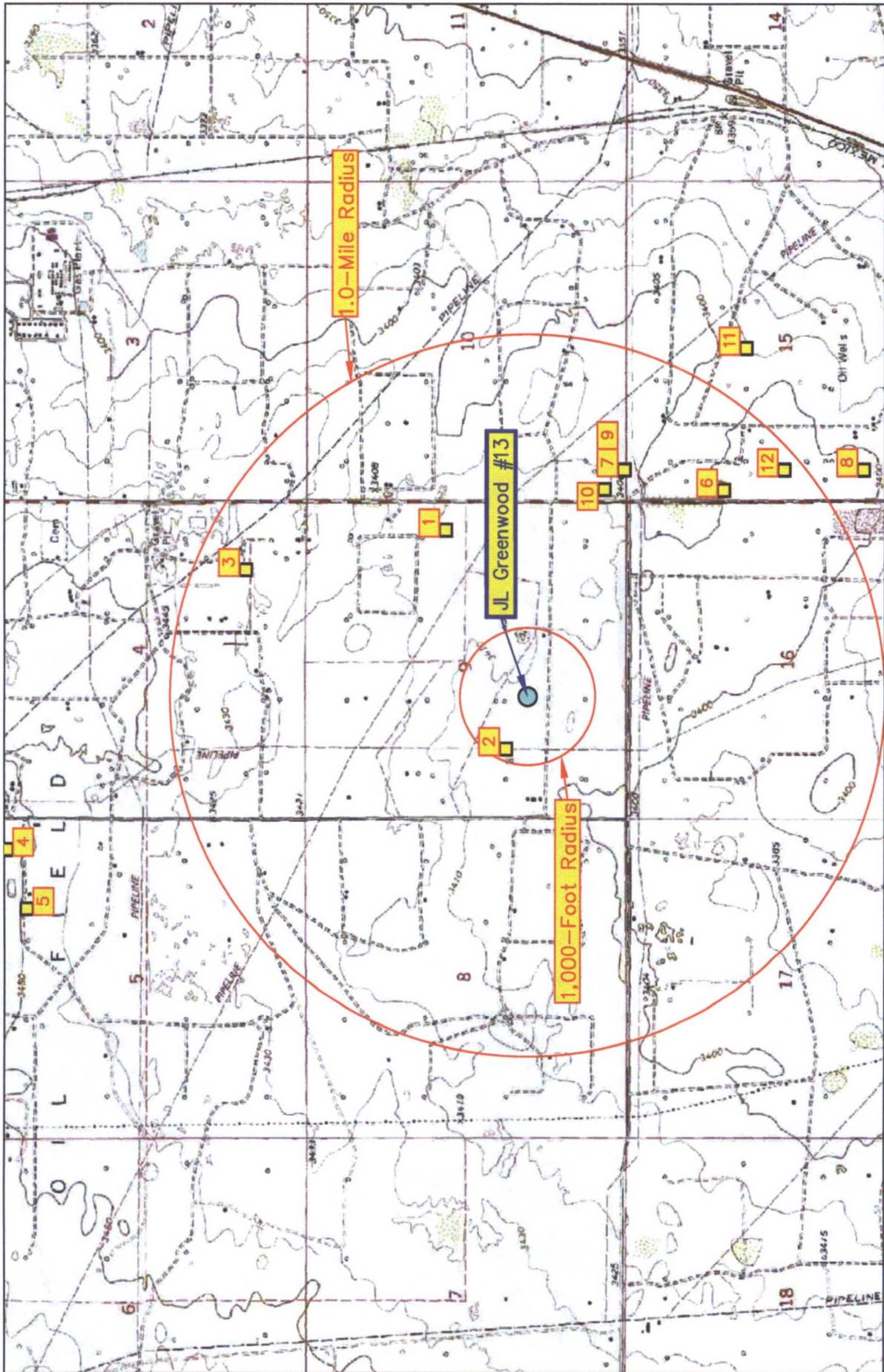
REVISED:  
 DWG By: D Dominguez  
 October 2013



SHEET  
 1 of 1

Lea County, New Mexico  
 NE 1/4 of SW 1/4, Sec. 9, T22S, R37E  
 N 32° 24' 12.06" W 103° 10' 09.76"  
 Elevation: 3,412 feet amsl

Figure 1  
 Area Map  
 XTO Energy  
 JL Greenwood #13



<p>Figure 2 Site Location Map XTO Energy JL Greenwood #13</p>	<p>Lea County, New Mexico NE 1/4 of SW 1/4, Sec. 9, T22S, R37E N 32° 24' 12.06" W 103° 10' 09.76" Elevation: 3,412 feet amsl</p>		<p>REVISED:</p>
	<p>DWG By: D Dominguez October 2013</p>	<p>0 2,000 4,000 Feet</p>	<p>SHEET 1 of 1</p>

Release Area  
(~31,100-square feet)



LEGEND



REVISED:  
120 SHEET  
1 of 1

DWG By: D Dominguez  
October 2013

0 60 120  
Feet

Lea County, New Mexico  
NE 1/4 of SW 1/4, Sec. 9, T22S, R37E  
N 32° 24' 12.06" W 103° 10' 09.76"  
Elevation: 3,412 feet amsl

Figure 3  
Site Map  
XTO Energy  
JL Greenwood #13

TABLE 1

Well Data

XTO Energy - JL Greenwood #13

Ref #	Well Number	Diversions <sup>A</sup>	Owner	Use	Twp	Rng	Sec	q64	q16	q4	Easting	Northing	Date Measured	Surface Elevation <sup>B</sup>	Depth to Water	
															(ft)	(ft bgs)
1	CP 00756	3	CHARLIE BETTIS	DOL	22S	37E	9	2	2	4	672999	3586863	30-Oct-90	3,415	85	
2	CP 00871	3	BARBARA TRULL	DOM	22S	37E	9	3	3	3	671902	3586541	29-Sep-97	3,408	94	
3	CP 00422	3	PRISCILLA B MOODY	STK	22S	37E	4	3	4	4	672777	3587870	25-Mar-67	3,430	92	
4	CP 00481	3	NIX OSBORN	DOM	22S	37E	5	4	2	2	671349	3589047	11-Apr-70	3,451	90	
5	CP 00666	3	LARRY HENSON	DOM	22S	37E	5	5	2	2	671055	3588939	27-Aug-84	3,450	79	
6	CP 00662	3	GEORGE L SCHELLER	DOL	22S	37E	15	3	3	1	673223	3585464	20-Jul-83	3,400	150	
7	CP 00674	3	WARREN HUGHES	DOM	22S	37E	15	1	1	1	673316	3585967	27-Mar-85	3,406	75	
8	CP 00679	3	FRED FERBRACHE	DOM	22S	37E	15	3	3	3	673338	3584760	20-May-85	3,400	98	
9	CP 00684	3	WARREN HUGHES	MUL	22S	37E	15	1	1	1	673316	3585967	01-Aug-85	3,406	180	
10	CP 00699	3	MARTIN CARRASCO	DOM	22S	37E	15	1	1	1	673215	3586066	02-Jun-86	3,410	100	
11	CP 00708	3	ROBERT A. CUETO	DOL	22S	37E	15	1	1	1	673941	3585363	15-Apr-87	3,390	185	
12	CP 00709	3	JAMES D. SMITH	DOM	22S	37E	15	1	3	3	673331	3585163	29-Apr-87	3,405	87	

\* = Data obtained from the New Mexico Office of the State Engineer Website ([http://iwaters.ose.state.nm.us:7001/IWATERS/wr\\_RegisServlet1](http://iwaters.ose.state.nm.us:7001/IWATERS/wr_RegisServlet1)) and USGS Database

<sup>A</sup> = In acre feet per annum

<sup>B</sup> = Elevation interpolated from USGS topographical map based on referenced location.

DOL = 72-12-1 Domestic and Livestock watering

DOM = 72-12-1 Domestic one household

STK = 72-12-1 Livestock watering

MUL = 72-12-1 Multiple domestic households

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are smallest to biggest



Photograph #1- Looking north-west across release area.



Photograph #2- Looking west across release area.



Photograph #3- Looking west across release area.



Photograph #4- Looking west across release area.

<b>Incident Date:</b> 10/25/13	<b>NMOCD Notified:</b> 10/25/13
-----------------------------------	------------------------------------

Information and Metrics

<b>Site:</b> JL Greenwood #13		<b>Assigned Site Reference #:</b>	
<b>Company:</b> XTO Energy			
<b>Street Address:</b>			
<b>Mailing Address:</b> P.O. Box 700			
<b>City, State, Zip:</b> Eunice, New Mexico 88231			
<b>Representative:</b> Guy Pearce			
<b>Representative Telephone:</b> (575) 394-2089 Ext 2203			
<b>Telephone:</b>			
<b>Fluid volume released (bbls):</b> ~5 bbls		<b>Recovered (bbls):</b> 0 barrels	
<b>&gt;25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days.</b> <b>(Also applies to unauthorized releases &gt;500 mcf Natural Gas)</b>			
<b>5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)</b>			
<b>Leak, Spill, or Pit (LSP) Name:</b> JL Greenwood #13			
<b>Source of contamination:</b> Steel line sidewall split			
<b>Land Owner, i.e., BLM, ST, Fee, Other:</b> Charlie Bettis			
<b>LSP Dimensions:</b> ~350 feet by 105 feet			
<b>LSP Area:</b> ~31,100 ft <sup>2</sup>			
<b>Location of Reference Point (RP):</b>			
<b>Location distance and direction from RP:</b>			
<b>Latitude:</b> N 32° 24' 12.06"			
<b>Longitude:</b> W 103° 10' 09.76"			
<b>Elevation above mean sea level:</b> 3,412 feet			
<b>Feet from North Section Line:</b>			
<b>Feet from West Section Line:</b>			
<b>Location- Unit or ¼¼:</b> NE¼ of the SW¼		<b>Unit Letter:</b> K	
<b>Location- Section:</b> 9			
<b>Location- Township:</b> T22S			
<b>Location- Range:</b> R37E			
<b>Surface water body within 1000' radius of site:</b> none			
<b>Domestic water wells within 1000' radius of site:</b> one (reference <i>Figure 2</i> and <i>Table 1</i> )			
<b>Agricultural water wells within 1000' radius of site:</b> none			
<b>Public water supply wells within 1000' radius of site:</b> none			
<b>Depth from land surface to ground water (DG):</b> ~ 85'			
<b>Depth of contamination (DC):</b> unknown			
<b>Depth to ground water (DG - DC = DtGW):</b> ~ 85'			
<b>1. Ground Water</b>			<b>2. Wellhead Protection Area</b>
If Depth to GW <50 feet: <i>20 points</i>		If <1000' from water source, or; <200' from private domestic water source: <i>20 points</i>	<b>3. Distance to Surface Water Body</b>
If Depth to GW 50 to 99 feet: <i>10 points</i>		If >1000' from water source, or; >200' from private domestic water source: <i>0 points</i>	<200 horizontal feet: <i>20 points</i>
If Depth to GW >100 feet: <i>0 points</i>			200-100 horizontal feet: <i>10 points</i>
			>1000 horizontal feet: <i>0 points</i>
<b>Site Rank (1+2+3) = 10 + 20 + 0 = 30</b>			
<b>Total Site Ranking Score and Acceptable Concentrations</b>			
Parameter	<b>&gt;19</b>	10-19	0-9
Benzene <sup>1</sup>	<b>10 ppm</b>	10 ppm	10 ppm
BTEX <sup>1</sup>	<b>50 ppm</b>	50 ppm	50 ppm
TPH	<b>100 ppm</b>	1,000 ppm	5,000 ppm
<sup>1</sup> 100 ppm field VOC headspace measurement may be substituted for lab analysis			

HOBBS OCD

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

OCT 30 2013 Form C-141  
Revised October 10, 2003

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

RECEIVED

Release Notification and Corrective Action

OPERATOR  Initial Report  Final Report

Name of Company: XTO Energy	Contact: Guy Pearce
Address: P.O. Box 700 Eunice, NM 88231	Telephone No.: (575) 394 - 2089 Ext 2203
Facility Name: JL Greenwood #13	Facility Type: Oil well

Surface Owner: Charlie Bettis	Mineral Owner:	API:
-------------------------------	----------------	------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	9	22S	37E					Lea

Latitude: N 32° 24' 12.06" Longitude: W 103° 10' 09.76"

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 5 bbls	Volume Recovered: 0 bbls
Source of Release: sidewall of steel flow-line split	Date and Hour of Occurrence: 10/25/13 @ 14:00pm	Date and Hour of Discovery: 10/25/13 @ 14:00pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Geoff Leking	
By Whom? Guy Pearce	Date and Hour: 10/25/13	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	

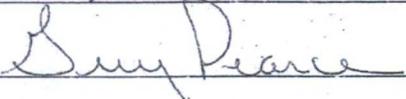
Depth to Water. ~85 ft bgs

If a Watercourse was Impacted, Describe Fully.\* Not Applicable

Describe Cause of Problem and Remedial Action Taken.\* Approximately 5 bbls of oil were released when the sidewall of a steel flow-line split. There was no volume recovered. An Emergency Response Team arrived at the release area and began continuous abatement of the impacted area. Visibly stained soil was excavated and hauled away for disposal at a state approved facility.

Describe Area Affected and Cleanup Action Taken.\* Approximately 31,100 square feet of surface area was impacted by the release. No volume of water was recovered from the site. Soil samples will be collected from release area and submitted to Cardinal Laboratories for testing. Upon receipt of laboratory analytical data from soil samples collected during delineation operations, EPI will prepare and present a Remediation Proposal for approval.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC 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>OIL CONSERVATION DIVISION</u>		
Printed Name: Guy Pearce	Approved by District Supervisor:		
Title: Production Foreman	Approval Date:	Expiration Date:	
E-mail Address: <a href="mailto:guy_pearce@xtoenergy.com">guy_pearce@xtoenergy.com</a>	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	Phone: (575) 394-2089 Ext 2203		

\* Attach Additional Sheets If Necessary