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: JC Gordon D #2E (30-045-24100)	Facility Type: Gas Well (Dakota, Gallup)

Surface Owner: Federal Land	Mineral Owner:	Lease No.: NMSF-077952

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	22	27 N	10W	1120	FSL	790	FWL	San Juan

Latitude: N 36.55645 Longitude W 107.88868

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: Unknown	Volume Recovered: 15 BBLS
Source of Release: BGT	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: February 5, 2013
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Brandon Powell (NMOCD)	
By Whom? Logan Hixon (XTO)	Date and Hour: February 6, 2013, 9:22 A.M.	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

RCVD MAR 14 '13
OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A leak was discovered at the JC Gordon D #2E below grade tank on February 5, 2013. The volume released is unknown; 15 barrels were recovered on February 5, 2013. 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 depth 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. Clean up actions began on February 13, 2013.

Describe Area Affected and Cleanup Action Taken.*
*See attached cleanup actions taken

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: Logan Hixon	OIL CONSERVATION DIVISION Approved by District Supervisor: Jonathan D. Kelly
Printed Name: Logan Hixon	
Title: Environmental Technician	Approval Date: 3/26/2013 Expiration Date:
E-mail Address: Logan_Hixon@xtoenergy.com	Conditions of Approval: Attached ☐
Date: 3-11-13 Phone: 505-333-3683	

NSR 1308549874

Affected Area and Cleanup Actions

February 5, 2013

A leak the below grade tank was reported at the JC Gordon D #2E on February 5, 2013. There was approximately 15 BBLS recovered from the below grade tank on February 5, 2013.

February 5, 2013-

Logan Hixon (XTO) was on site to perform assessment of overflow. It was visually confirmed that a release had occurred and that remediation activities would be needed. A confirmation composite sample of the BGT cellar was collected for laboratory analysis for TPH via USEPA Method 418.1 and USEPA Method 8015, benzene and BTEX via USEPA Method 8021, and Chlorides. 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 depth to groundwater of less than 50 feet. This set the closure standard to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX, or 100 ppm organic vapors (OV).

February 6, 2013-

Logan Hixon (XTO) sent a 48 hour leak notification to Brandon Powell (NMOCD) and BLM of the leak and that the BGT at the JC Gordon D #2E would be removed and brought above grade due to the leak of the BGT. *See attached.

February 13, 2013-

Logan Hixon (XTO) was on site to begin cleanup activities of the leak of the BGT. The excavation had reached an extent of 15'x15'x8'. A composite sample was taken of the four walls and of the bottom of the excavation where sandstone was reached. OV sampling was completed on the five composite samples. The samples from the bottom, north, east, and west walls respectively returned results below the OV standard outlined in the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The sample collected from the south wall returned results above the OV standard determined for this site. The samples from the bottom, north, east and west walls were sent in for TPH and BTEX analysis via US EPA Method 8015 and 8021 respectively. The excavation continued to the extent of 16'x 15'x 8'. A sample was then collected from the south wall and analyzed for OV. The sample returned results under the standards for OV determined for this site. The sample from the south wall was sent for TPH and BTEX analysis via US EPA Method 8015 and USEPA Method 8021 respectively. Approximately 60 CY of soil was disposed of at Envirotech land farm. *Field notes attached.

February 14, 2013-

The sample returned laboratory results beneath the standards determined for this site for the bottom, west, north, and south walls. The sample for the east wall of the excavation returned results above the standards determined for this site for TPH. *Lab analysis attached.

February 15, 2013-

Logan Hixon (XTO) was on-site to oversee the continued excavation of the impacted soil. The excavation reached an extent of 17'x 15' x 8', where a hard sandstone bottom was exposed. A Composite sample was taken of the east wall of the excavation. OV sampling was completed on the composite sample. The composite sample returned results above the OV standard determined for this site. The excavation continued to the extent of 18'x15'x8', where a composite sample was collected of the east wall. OV sampling was completed on the composite sample. The composite sample returned results below the OV standard determined for this site. The composite sample was sent in to the lab for TPH analysis via USEPA method 8015. Approximately 30 CY of soil was removed and disposed of at Envirotech land farm. *See attached field sheet.

February 18, 2013-

The sample returned laboratory results above the standards determined for this site for the east wall for TPH by 5 ppm. The sample was comprised of 5 ppm gasoline range organics and 100 ppm diesel range organics. Diesel range organics are less mobile and with a hard sandstone layer is not believed to be a threat to fresh waters, public health or the environment. OV sampling was completed on the sample on February 15, 2013 and returned results below the regulatory standards set for this site, which does not require benzene or BTEX to be laboratory analyzed pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. Brandon Powell (NMOCD) approved closure of excavation with values slightly above the NMOCD standard of 100 ppm TPH determined for this site on the east wall.*Lab analysis attached.

February 25, 2013-

Reclamation of the excavated area was completed and the BGT was brought above grade for continued operations.

XTO Energy On-Site Form

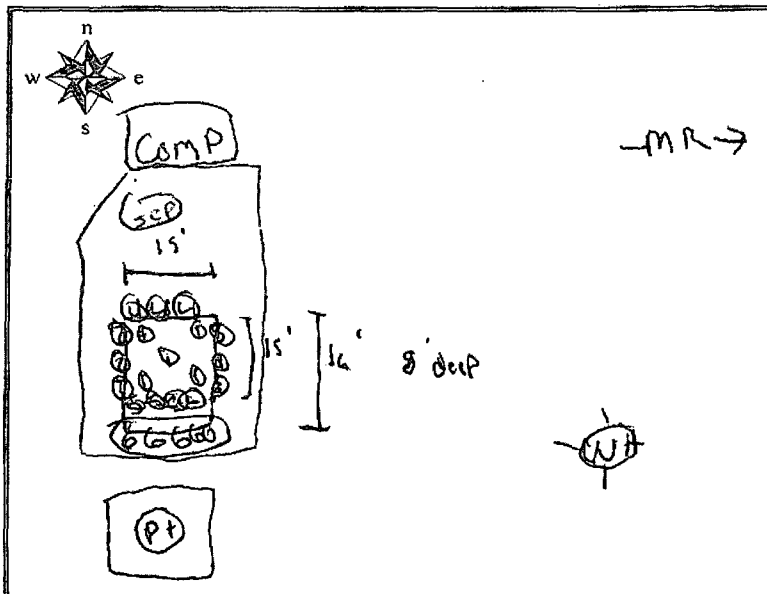
Well Name JC Gordon D #2E API # 30-045-24100

Section 22 (M) Township 27 Range 10 County SJ

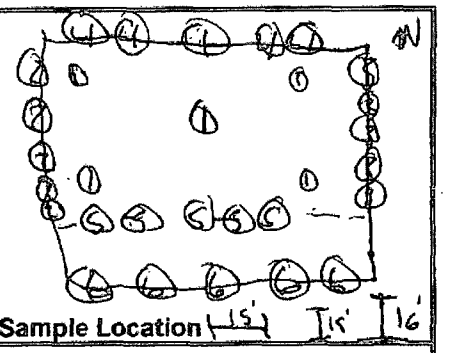
Contractors On-Site TPC Time On-Site 9:45 Time Off-Site 14:00

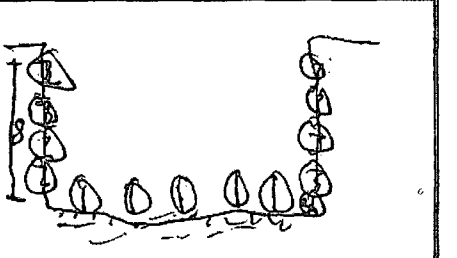
Spill Amount UNK bbls Spilled (Oil/Produced W/Other _____) RCVRD 15

Land Use (Range / Residential / Tribe _____) Excavation 16 x 15 x 8' deep



Site Diagram





Sample Location

Comments

4

Number of Photos Taken

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
10:15	NA	100 Standard	NA	98.1	NA
11:00	1	15X15 X8' Sandstone bottom	rock, sandstone	17.4	8015, 8021
11:15	2	15X15'X6' N. wall	Sand stone Rock	48.6	8015, 8021
11:30	3	15X15'X8' E wall	Sand, Rock	32.8	8015, 802
11:45	4	15X15X8' N wall	Sand, Roc	7.4	8015 8021
12:00	5	15X15X8' S wall	Sand, Rock	3683	
12:00	6	16X15 X8 S wall	Sand, Rock	49.3	8015 802
	7				
	8				

Name (Print) Logan Hixon Date 7-13-11

Name (Signature) _____ Company XTO

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

February 15, 2013

Logan Hixon
XTO Energy
382 County Road 3100
Aztec, NM 87410
TEL: (505) 386-8018
FAX (505) 333-3280

RE: JC Gordon D #2E OrderNo.: 1302480

Dear Logan Hixon:

Hall Environmental Analysis Laboratory received 5 sample(s) on 2/14/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1302480**
Date Reported: **2/15/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: JC Gordon D #2E
Lab ID: 1302480-001 **Matrix:** SOIL

Client Sample ID: Bottom 15x15x8
Collection Date: 2/13/2013 11:00:00 AM
Received Date: 2/14/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/14/2013 12:31:06 PM
Surr: DNOP	111	72.4-120		%REC	1	2/14/2013 12:31:06 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/14/2013 11:26:55 AM
Surr: BFB	104	84-116		%REC	1	2/14/2013 11:26:55 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	2/14/2013 11:26:55 AM
Toluene	ND	0.050		mg/Kg	1	2/14/2013 11:26:55 AM
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2013 11:26:55 AM
Xylenes, Total	ND	0.10		mg/Kg	1	2/14/2013 11:26:55 AM
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	2/14/2013 11:26:55 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: JC Gordon D #2E
Lab ID: 1302480-002 **Matrix:** SOIL

Client Sample ID: W Wall 15x15x8
Collection Date: 2/13/2013 11:15:00 AM
Received Date: 2/14/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	27	10		mg/Kg	1	2/14/2013 12:53:03 PM
Surr: DNOP	117	72.4-120		%REC	1	2/14/2013 12:53:03 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/14/2013 11:55:42 AM
Surr: BFB	114	84-116		%REC	1	2/14/2013 11:55:42 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	2/14/2013 11:55:42 AM
Toluene	ND	0.050		mg/Kg	1	2/14/2013 11:55:42 AM
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2013 11:55:42 AM
Xylenes, Total	ND	0.10		mg/Kg	1	2/14/2013 11:55:42 AM
Surr: 4-Bromofluorobenzene	108	80-120		%REC	1	2/14/2013 11:55:42 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: JC Gordon D #2E
Lab ID: 1302480-003 **Matrix:** SOIL

Client Sample ID: E Wall 15x15x8
Collection Date: 2/13/2013 11:30:00 AM
Received Date: 2/14/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	390	48		mg/Kg	5	2/14/2013 1:14:43 PM
Surr: DNOP	238	72.4-120	S	%REC	5	2/14/2013 1:14:43 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	16	5.0		mg/Kg	1	2/14/2013 12:24:25 PM
Surr: BFB	194	84-116	S	%REC	1	2/14/2013 12:24:25 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	2/14/2013 12:24:25 PM
Toluene	ND	0.050		mg/Kg	1	2/14/2013 12:24:25 PM
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2013 12:24:25 PM
Xylenes, Total	ND	0.10		mg/Kg	1	2/14/2013 12:24:25 PM
Surr: 4-Bromofluorobenzene	111	80-120		%REC	1	2/14/2013 12:24:25 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: JC Gordon D #2E
Lab ID: 1302480-004 **Matrix:** SOIL

Client Sample ID: N Wall 15x15x8
Collection Date: 2/13/2013 11:45:00 AM
Received Date: 2/14/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	21	9.8		mg/Kg	1	2/14/2013 1:36:22 PM
Surr: DNOP	118	72.4-120		%REC	1	2/14/2013 1:36:22 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/14/2013 1:21:55 PM
Surr: BFB	107	84-116		%REC	1	2/14/2013 1:21:55 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	2/14/2013 1:21:55 PM
Toluene	ND	0.050		mg/Kg	1	2/14/2013 1:21:55 PM
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2013 1:21:55 PM
Xylenes, Total	ND	0.10		mg/Kg	1	2/14/2013 1:21:55 PM
Surr: 4-Bromofluorobenzene	105	80-120		%REC	1	2/14/2013 1:21:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: JC Gordon D #2E
Lab ID: 1302480-005 **Matrix:** SOIL

Client Sample ID: S Wall 16x15x8
Collection Date: 2/13/2013 1:00:00 PM
Received Date: 2/14/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	16	10		mg/Kg	1	2/14/2013 1:57:58 PM
Surr: DNOP	122	72.4-120	S	%REC	1	2/14/2013 1:57:58 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	2/14/2013 1:50:47 PM
Surr: BFB	114	84-116		%REC	1	2/14/2013 1:50:47 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.050		mg/Kg	1	2/14/2013 1:50:47 PM
Toluene	ND	0.050		mg/Kg	1	2/14/2013 1:50:47 PM
Ethylbenzene	ND	0.050		mg/Kg	1	2/14/2013 1:50:47 PM
Xylenes, Total	ND	0.10		mg/Kg	1	2/14/2013 1:50:47 PM
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	2/14/2013 1:50:47 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1302480**

15-Feb-13

Client: XTO Energy

Project: JC Gordon D #2E

Sample ID **MB-6121**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **6121**	RunNo: **8646**
Prep Date: **2/14/2013**	Analysis Date: **2/14/2013**	SeqNo: **248522** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		103	72.4	120			

Sample ID **LCS-6121**	SampType: **LCS**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **6121**	RunNo: **8646**
Prep Date: **2/14/2013**	Analysis Date: **2/14/2013**	SeqNo: **248527** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	107	47.4	122			
Surr: DNOP	5.6		5.000		112	72.4	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1302480**

15-Feb-13

Client: XTO Energy

Project: JC Gordon D #2E

Sample ID **MB-6112**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **PBS**	Batch ID: **R8650**	RunNo: **8650**
Prep Date: **2/13/2013**	Analysis Date: **2/14/2013**	SeqNo: **248847** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		106	84	116			

Sample ID **LCS-6112**	SampType: **LCS**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R8650**	RunNo: **8650**
Prep Date: **2/13/2013**	Analysis Date: **2/14/2013**	SeqNo: **248848** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	62.6	136			
Surr: BFB	1100		1000		112	84	116			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1302480**

15-Feb-13

Client: XTO Energy
Project: JC Gordon D #2E

Sample ID **MB-6112** SampType: **MBLK** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS** Batch ID: **R8650** RunNo: **8650**
Prep Date: **2/13/2013** Analysis Date: **2/14/2013** SeqNo: **248862** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Sample ID **LCS-6112** SampType: **LCS** TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS** Batch ID: **R8650** RunNo: **8650**
Prep Date: **2/13/2013** Analysis Date: **2/14/2013** SeqNo: **248863** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.050	1.000	0	94.2	80	120			
Toluene	0.93	0.050	1.000	0	92.7	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.6	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

Chain-of-Custody Record

Client: XTO

Mailing Address:

Phone #: (505) 3968018

email or Fax#: logan_hixon@xtoenergy.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time: Same
☐ Standard ☒ Rush 1day

Project Name: JC Gordon D #2E

Project #:

Project Manager: Logan Hixon

Sampler: Logan Hixon

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.1

02/14/13

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1302486	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / ~~MRO~~)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F^-,Cl^-,NO_3^-,NO_2^-,PO_4^{3-},SO_4^{2-})	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
2-13	11:00	Soil	Bottom 15X15X8	1-4oz MeoH Kt	Cool	-001	X		X													
2-13	11:15	Soil	W. Wall 15X15X8'	1-4oz	↓	-002	X		X													
2-13	11:30	Soil	E wall 15X15'X8	1-4oz		-003	X		X													
2-13	11:45	Soil	N wall 15X15X8	1-4oz		-004	X		X													
2-13	13:00	Soil	S wall 16X15X8	1-4oz		-005	X		X													

Date:	Time:	Relinquished by:	Received by:	Date	Time
2.13	14:45		Christie Waeta	2/13/13	1445
Date:	Time:	Relinquished by:	Received by:	Date	Time
2/13/13	1717	Christie Waeta		02/14/13	1000

Remarks:

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.

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

XTO Energy On-Site Form

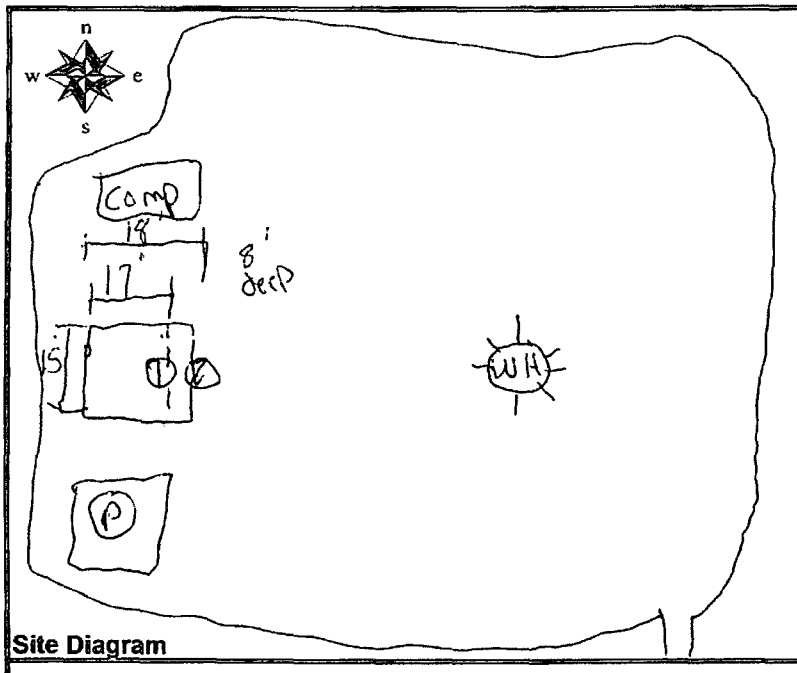
Well Name Jc Gordon D #2E API # 30-045-24100

Section 22 (M) Township 27N Range 10W County SJ

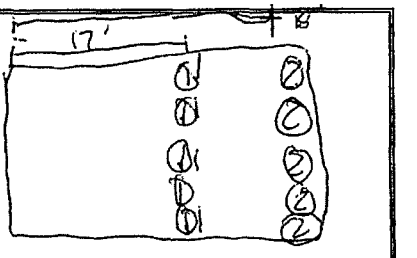
Contractors On-Site TPC Time On-Site 8:00 Time Off-Site 11:00

Spill Amount UNK bbls Spilled (Oil/Produced W/Other _____) RCVRD YS

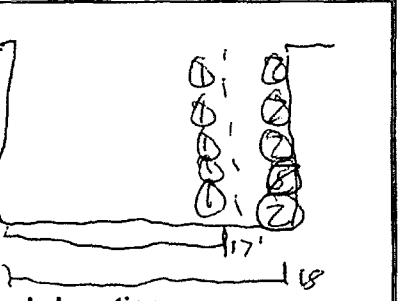
Land Use (Range / Residential / Tribe _____) Excavation Start 16' X 15' X 8' 18' x 15' x 8' deep



Site Diagram



Sample Location



Sample Location

Comments

Number of Photos Taken

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
8:15	NA	100 Standard	NA		NA
8:50	①	Ewall 18X15X8'	Sandstone	109	[redacted] - 8015
10:30	②	Ewall 18X15X8	Sandstone	54.5	

Name (Print) Logan Hixon Date 2-15-13

Name (Signature) _____ Company XTO

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

February 19, 2013

Logan Hixon
XTO Energy
382 County Road 3100
Aztec, NM 87410
TEL: (505) 386-8018
FAX (505) 333-3280

RE: JC Gordon D #2E OrderNo.: 1302555

Dear Logan Hixon:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/16/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1302555**
Date Reported: **2/19/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: XTO Energy
Project: JC Gordon D #2E
Lab ID: 1302555-001 **Matrix:** SOIL

Client Sample ID: E Wall 18 x 15 x 8'
Collection Date: 2/15/2013 10:30:00 AM
Received Date: 2/16/2013 11:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **MMD**
Diesel Range Organics (DRO)	100	9.9		mg/Kg	1	2/18/2013 10:57:59 AM
Surr: DNOP	126	72.4-120	S	%REC	1	2/18/2013 10:57:59 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	5.4	5.0		mg/Kg	1	2/18/2013 12:19:35 PM
Surr: BFB	125	84-116	S	%REC	1	2/18/2013 12:19:35 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1302555**

19-Feb-13

Client: XTO Energy

Project: JC Gordon D #2E

Sample ID **MB-6146**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **6146**	RunNo: **8700**
Prep Date: **2/18/2013**	Analysis Date: **2/18/2013**	SeqNo: **249650** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		102	72.4	120			

Sample ID **LCS-6146**	SampType: **LCS**	TestCode: **EPA Method 8015B: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **6146**	RunNo: **8700**
Prep Date: **2/18/2013**	Analysis Date: **2/18/2013**	SeqNo: **249651** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	105	47.4	122			
Surr: DNOP	5.4		5.000		109	72.4	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1302555**

19-Feb-13

Client: XTO Energy

Project: JC Gordon D #2E

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **PBS**	Batch ID: **R8705**	RunNo: **8705**
Prep Date:	Analysis Date: **2/18/2013**	SeqNo: **249934** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	84	116			

Sample ID **2.5UG GRO LCS**	SampType: **LCS**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R8705**	RunNo: **8705**
Prep Date:	Analysis Date: **2/18/2013**	SeqNo: **249935** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	117	62.6	136			
Surr: BFB	1100		1000		108	84	116			

Sample ID **1302555-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **E Wall 18 x 15 x 8'**	Batch ID: **R8705**	RunNo: **8705**
Prep Date:	Analysis Date: **2/18/2013**	SeqNo: **249937** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	34	5.0	23.47	5.416	120	70	130			
Surr: BFB	1300		938.7		138	84	116			S

Sample ID **1302555-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015B: Gasoline Range**
Client ID: **E Wall 18 x 15 x 8'**	Batch ID: **R8705**	RunNo: **8705**
Prep Date:	Analysis Date: **2/18/2013**	SeqNo: **249938** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	33	5.0	23.47	5.416	119	70	130	0.504	22.1	
Surr: BFB	1300		938.7		140	84	116	0	0	S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

Chain-of-Custody Record

Client: XTO

Mailing Address: 382 Road 3100 Aztec NM 87410

Phone #: (505) 386-8018

email or Fax#: logan_hixon@xtoenergy.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☒ Rush ~~Today~~ Sameday

Project Name: JC Gordon D #2E

Project #:

Project Manager: Logan

Sampler: Logan Hixon

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and # (02/18/13 Alcott Kit)	Preservative Type	HEAL No. 1302555	Analysis Request: BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel) (No DRO)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
2-15-13	10:30	Soil	E. Wall 18X15X8'	1-402	Cool	-001			X													

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
2-15-13	12:00	Logan Hixon	Christine Walker	2/15/13	1700	
2/15/13	1721	Christine Walker		02/16/13	7:00	

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.

Hixon, Logan

From:	Hixon, Logan
Sent:	Wednesday, February 06, 2013 9:22 AM
To:	BRANDON POWELL (brandon.powell@state.nm.us)
Cc:	MARK KELLY (mark_kelly@blm.gov); McDaniel, James; Hoekstra, Kurt
Subject:	JC Gordon D #2E-required 48hr spill Notification and 24 hr Closure Notification for BGT.

Good Morning Brandon and Mark,
This is the required notification for a leak of a below grade tank on February 5, 2013, as well as the required 24 hour notification for BGT closure activities at the following site:

JC Gordon D #2E (API 30-045-24100) Located in Section 22(M), Township 27N, Range 10W, San Juan County, New Mexico.

On February 5, 2013 a leak was discovered from the BGT at this site. Approximately 15 barrels were recovered from the cellar on February 5, 2013, and an unknown amount was lost. A composite sample was collected beneath the location of the on-site BGT on February 5, 2013 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 site was 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 depth 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. The BGT will be removed due to the leak, and the BGT will be closed, and the pit tank will be brought above grade. Clean-up activities are on-going. If you have any questions or concerns do not hesitate to contact me at any time. Thank you very much for the help!

Thank You!
Logan Hixon
Western Division
382 CR 3100
Aztec NM 87410
Office (505)333-3683

Well Below Tank Inspection Report

RouteName	StopName	Pumper	Foreman	WellName	APIWellNumber	Section	Range	Township
DEN NM Run 44B	GORDON JC D 002E	Yancey, Dusten	Mulnix, John	JC GORDON D 02E	3004524100	22	10W	27N

InspectorName	Inspection Date	Inspection Time	Visible LinerTears	VisibleTankLeak Overflow	Collection OfSurfaceRun	Visible LayerOil	Visible Leak	Freeboard EstFT	PitLocation	PitType	Notes
Ken Mills	08/20/2008	11:40	No	Yes	Yes	Yes	No	2			
Ken Mills	09/11/2008	09:05	No	Yes	Yes	Yes	No	2			
ERIC SCHUSTER	10/28/2008	11:40	No	Yes	Yes	Yes	No	2			
ERIC SCHUSTER	11/22/2008	12:00	No	No	No	Yes	No	3	Well Water	Below Ground	
ERIC SCHUSTER	12/15/2008	12:25	No	No	No	Yes	No	2	Compresso	Below Ground	
KEN MILLS	01/15/2009	09:35	No	No	No	Yes	No	4	Compresso	Below Ground	
KEN MILLS	02/28/2009	08:50	No	No	No	Yes	No	3	Compresso	Below Ground	
KEN MILLS	03/27/2009	11:20	No	No	No	Yes	No	4	Compresso	Below Ground	
KEN MILLS	04/23/2009	09:00	No	No	No	Yes	No	4	Compresso	Below Ground	
J CHENAULT	05/27/2009	11:00	No	No	No	Yes	No	4	Compresso	Below Ground	
KEN MILLS	06/20/2009	10:15	No	No	No	Yes	No	3	Compresso	Below Ground	
JC	07/31/2009	02:15	No	No	No	Yes	No	2	Compresso	Below Ground	
JC	08/31/2009	01:45	No	No	No	Yes	No	2	Compresso	Below Ground	
JC	09/10/2009	01:40	No	No	No	Yes	No	3	Compresso	Below Ground	
JC	10/15/2009	02:15	No	No	No	Yes	No	3	Compresso	Below Ground	
JC	11/20/2009	02:45	No	No	No	Yes	No	1	Compresso	Below Ground	
JC	12/21/2009	10:40	No	No	No	Yes	No	3	Compresso	Below Ground	
KM	01/08/2010	09:15	No	No	No	Yes	No	3	Compresso	Below Ground	
KM	02/10/2010	09:40	No	No	No	Yes	No	2	Compresso	Below Ground	
KM	03/22/2010	09:45	No	No	No	Yes	No	3	Compresso	Below Ground	
KM	04/21/2010	12:35	No	No	No	Yes	No	2	Compresso	Below Ground	
KM	05/28/2010	01:25	No	No	No	Yes	No	1	Compresso	Below Ground	
KM	06/07/2010	08:15	No	No	No	Yes	No	3	Compresso	Below Ground	
KM	07/07/2010	08:45	No	No	No	Yes	No	4	Compresso	Below Ground	
KM	08/09/2010	10:15	No	No	No	Yes	No	2	Compresso	Below Ground	
KM	09/16/2010	02:20	No	No	No	Yes	No	1	Compresso	Below Ground	
KM	10/27/2010	10:35	No	No	No	Yes	No	2	Compresso	Below Ground	
KM	11/30/2010	12:30	No	No	No	Yes	No	1	Compresso	Below Ground	
KM	12/29/2010	01:20	No	No	No	Yes	No	2	Compresso	Below Ground	
KM	01/24/2011	02:15	No	No	No	Yes	No	3	Compresso	Below Ground	
KM	02/13/2011	02:20	No	No	No	Yes	No	2	Compresso	Below Ground	
KM	03/29/2011	03:15	No	No	No	Yes	No	3	Compresso	Below Ground	
DYANCEY	05/26/2011	03:15	No	No	No	Yes	No	3	Compresso	Below G DY	
DYANCEY	06/14/2011	02:00	No	No	No	Yes	No	4	Compresso	Below G DY	
DYANCEY	07/12/2011	03:00	No	No	No	Yes	No	3	Compresso	Below G DY	
DYANCEY	08/23/2011	11:00	No	No	No	Yes	No	3	Compresso	Below G DY	
DYANCEY	10/03/2011	12:00	No	No	No	Yes	No	3	Compresso	Below G DY	
DYANCEY	12/15/2011	02:00	No	No	No	Yes	No	2	Compresso	Below G DY	
DYANCEY	01/11/2012	02:00	No	No	No	Yes	No	4	Compresso	Below G DY	
DYANCEY	02/14/2012	11:00	No	No	No	Yes	No	3	Compresso	Below G DY	
DYANCEY	04/09/2012	11:00	No	No	No	Yes	No	4	Compresso	Below G DY	
DYANCEY	06/13/2012	11:00	No	No	No	Yes	No	2	Compresso	Below G DY	
DYANCEY	08/15/2012	11:00	No	No	No	Yes	No	3	Compresso	Below G DY	
DYANCEY	09/12/2012	10:00	No	No	No	Yes	No	3	Compresso	Below G DY	
DYANCEY	11/12/2012	10:00	No	No	No	Yes	No	3	Compresso	Below G DY	
DYANCEY	02/11/2013	10:00	No	No	No	Yes	No	0	Compresso	Below G dy	replacing tank

XTO Energy, Inc.
JC Gordon D #2E
Section 22 (M), Township 27N, Range 10W
Closure Date 2-25-2013

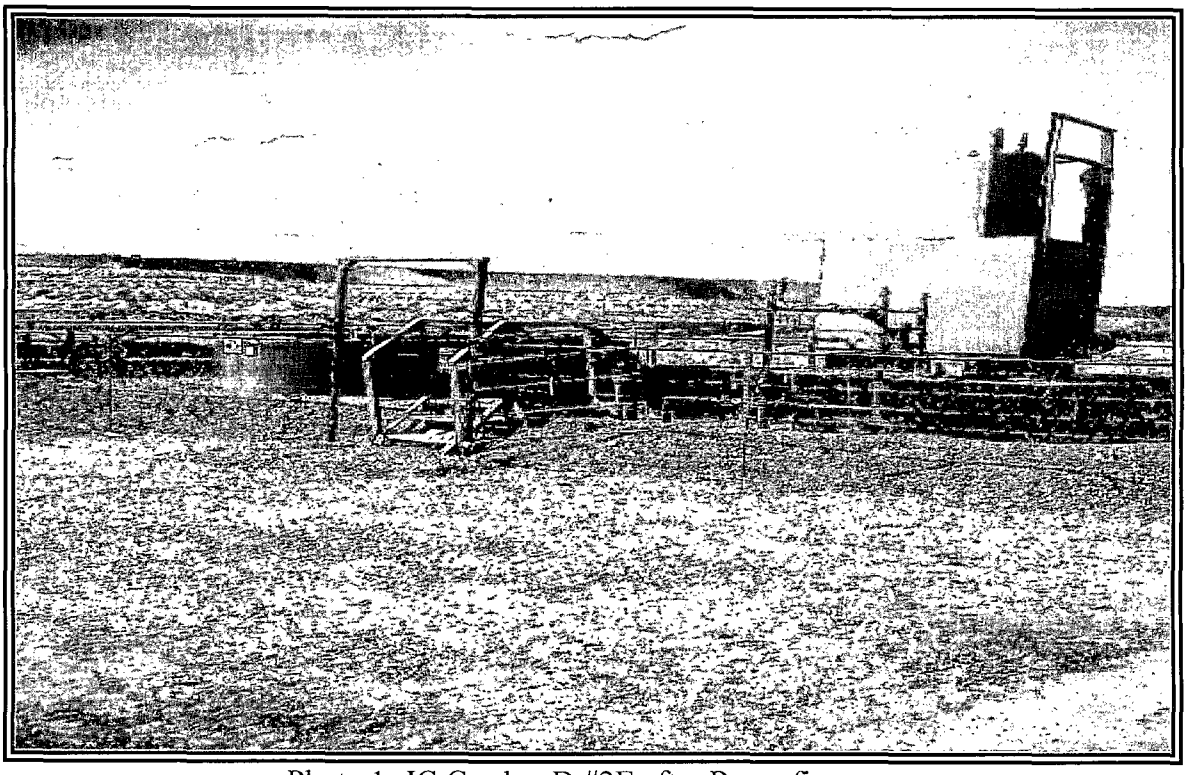


Photo 1: JC Gordon D #2E after Reconfigure.

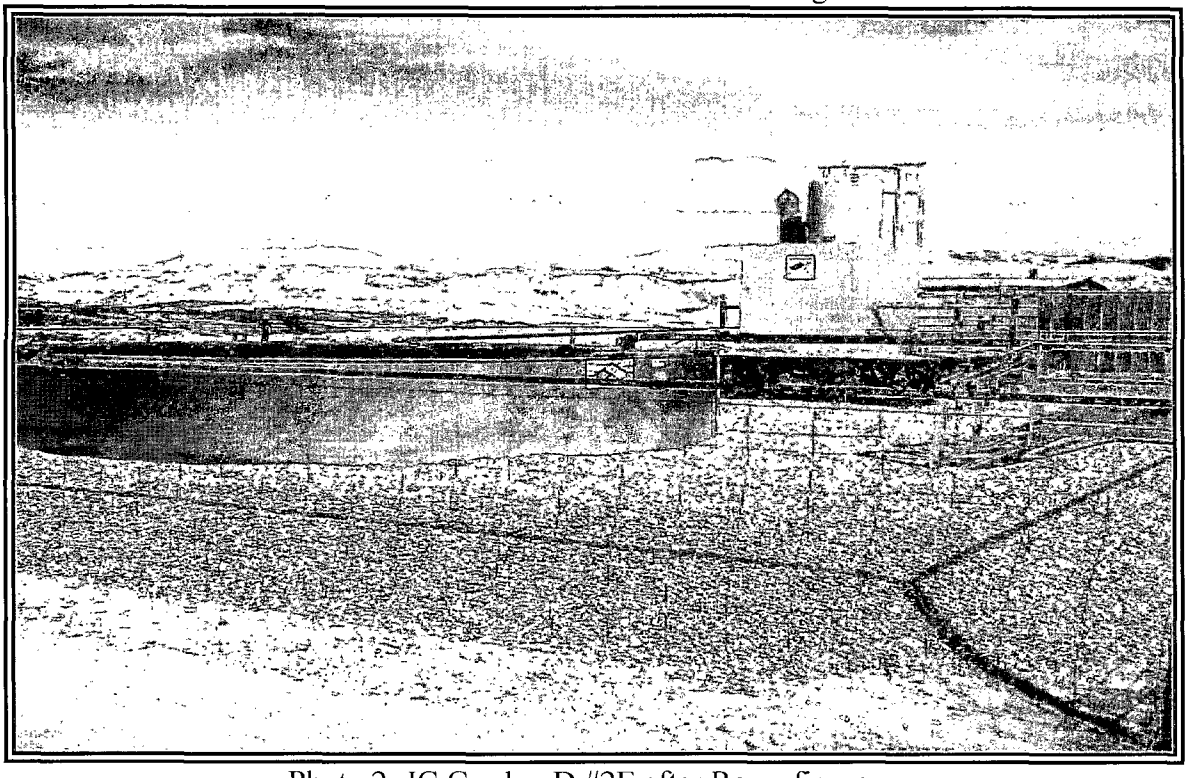


Photo 2: JC Gordon D #2E after Reconfigure.

XTO Energy, Inc.
JC Gordon D #2E
Section 22 (M), Township 27N, Range 10W
Closure Date 2-25-2013

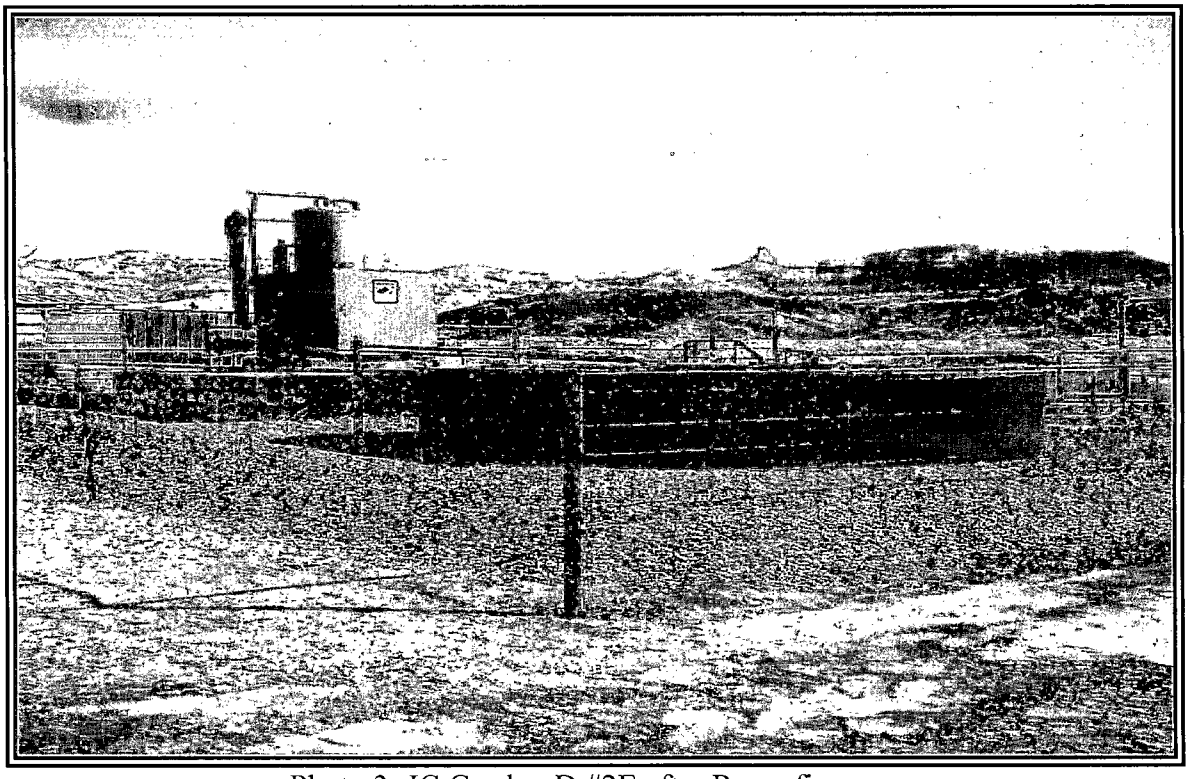


Photo 3: JC Gordon D #2E after Reconfigure.

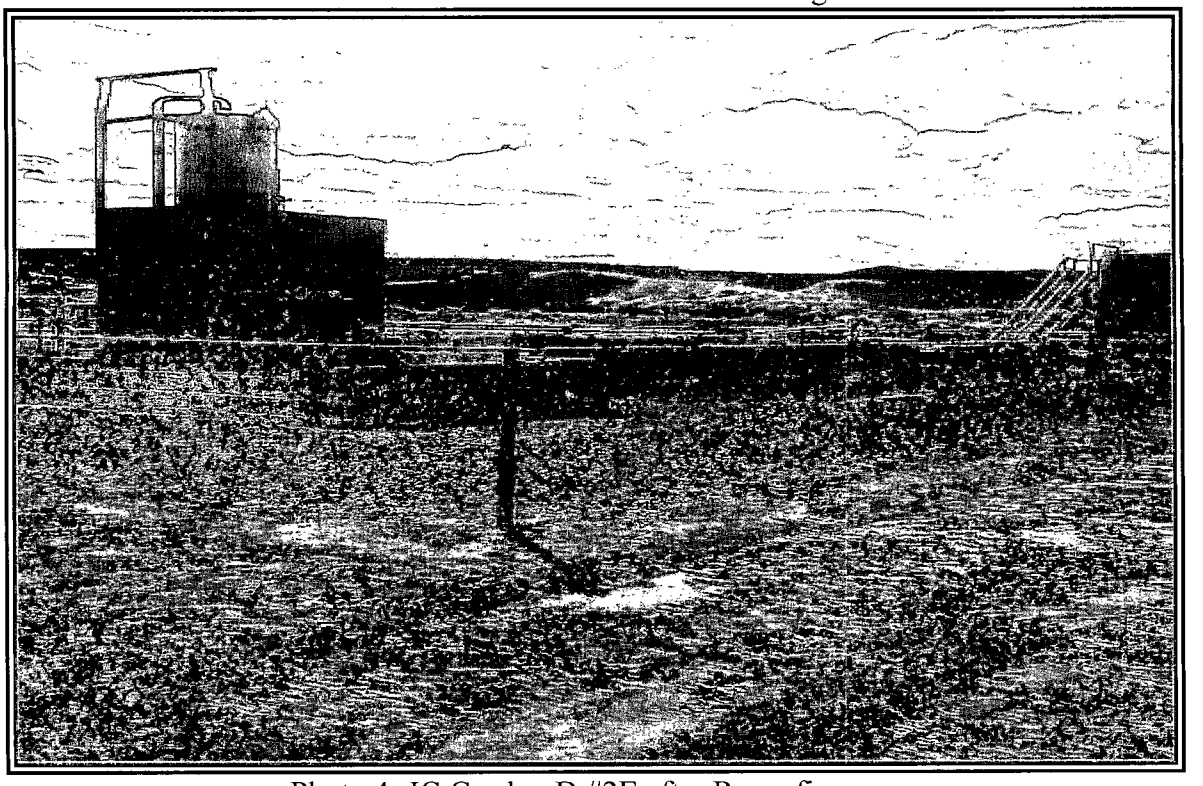


Photo 4: JC Gordon D #2E after Reconfigure.