

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Kimbell Oil Company of Texas	Contact: Mr. Jonathan Stickland
Address: 777 Taylor St. Suite P- IIA, Fort Worth TX, 76102	Telephone No. 817-239-0855
Facility Name: Federal #003 E	Facility Type: Gas Well
Surface Owner: Federal	Mineral Owner: Federal + Fee
API No. 30-039-22285	

LOCATION OF RELEASE

Unit Letter I	Section 34	Township 25 N	Range 6W	Feet from the 1820	South Line	Feet from the 1110	East Line	County Rio Arriba
------------------	---------------	------------------	-------------	-----------------------	------------	-----------------------	-----------	----------------------

Latitude 36.34440 Longitude -107.44928

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 900 MCF	Volume Recovered: 0
Source of Release: Low Pressure Flow Line (Separator to Meter Run)	Date and Hour of Occurrence	Date and Hour of Discovery: 9/6/16
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom: Ms. Monica Kuehling (NMOCD)	
By Whom? Earl North	Date and Hour 9/6/16	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

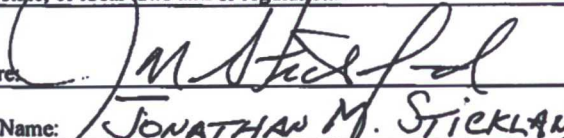
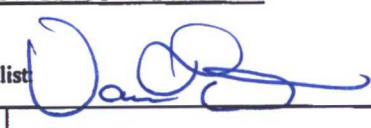
If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken. A Buried low pressure flow line (separator to meter run) failed to hold pressure when tested. Well head was shut in, flow line was excavated, and source of release was identified and replaced. On September 28, 2016, Envirotech collected soil samples (OCD observed) to delineate impacted area. Laboratory results confirm contamination in the area (~20 radius) of the leak in the flow line. Additional excavation of the impacted area will be performed and soil samples will be collected and analyzed to confirm that site has been remediated in accordance with the NMOCD/BLM regulatory standards.

Describe Area Affected and Cleanup Action Taken. On October 10-11, 2016 the impacted area was excavated to the extents of approximately 25' X 36' X 8' deep. Soil samples were collected on October 11, 2016 from the walls and bottom of the excavation (OCD/BLM observed). Samples were analyzed at Envirotech's Laboratory for TPH (8015D) and BTEX (8021B). All samples returned results below the regulatory standard. All impacted soil (~255 cubic yards) was transported and disposed of at Envirotech's NMOCD permitted Landfarm II. The excavated area was then backfilled with virgin BLM certified weed free soil and re-contoured to its pre-incident condition.

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: 		OIL CONSERVATION DIVISION	
Printed Name: JONATHAN M. STICKLAND		Approved by Environmental Specialist: 	
Title: Consulting Ops Mgr		Approval Date: 1/24/2017	Expiration Date:
E-mail Address: jms@kimbelloil.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/27/2016 Phone: 817-335-2591		NVE1627334967	

Attach Additional Sheets If Necessary

Ext. 30.

66



November 2, 2016

Project Number 06011-0012

Ms. Vanessa Fields
Environmental Specialist
New Mexico Oil Conservation Division
1000 Rio Brazos
Aztec, NM 87410

OIL CONS. DIV DIST. 3
NOV 21 2016

Phone: (505) 334-6178
Cell: (505) 419-0463

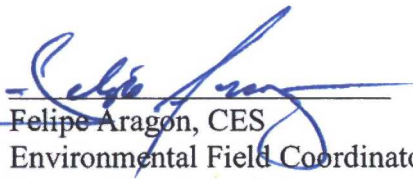
**SPILL ASSESSMENT AND CLOSURE REPORT FOR THE FEDERAL #003E WELL
SITE, RIO ARRIBA COUNTY, NEW MEXICO**

Dear Ms. Fields:

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by Kimbell Oil Company of Texas, LLC (Kimbell) to provide spill assessment and confirmation sampling services for a release due to a leaking production line at the Federal #003E well site located in Section 34, Township 25 North, Range 6 West, Rio Arriba County, New Mexico. Enclosed please find the *Spill Assessment and Closure Report* detailing the activities performed and the analytical results.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.


Felipe Aragon, CES
Environmental Field Coordinator
faragon@envirotech-inc.com

Enclosures: *Spill Assessment and Closure Report*

Cc: Client File Number 06011

**KIMBELL OIL COMPANY OF TEXAS, LLC
SPILL ASSESSMENT AND CLOSURE REPORT
FEDERAL #003E WELL SITE
SECTION 34, TOWNSHIP 25 NORTH, RANGE 6 WEST
RIO ARriba COUNTY, NEW MEXICO**

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 Appendix B, Analytical Results
 Appendix C, Site Photography
 Appendix D, Bill of Ladings/C-138 Request for Approval
 Appendix E, Supporting Documentation (C-141 &3160-5)

INTRODUCTION

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by Kimbell Oil Company of Texas (*Kimbell Oil*) to provide spill assessment and confirmation sampling services for a release due to a leak from the flow line at the Federal #003E Well Site located in Section 34, Township 25 North, Range 6 West, Rio Arriba County, New Mexico; see enclosed **Figure 1, Vicinity Map**. Activities included site assessment, excavation and backfill, sample collection and analysis, documentation and reporting.

ACTIVITIES PERFORMED

Envirotech was contacted on September 13, 2016, with a request to respond to a release that occurred at the above referenced location. Upon arrival on September 28, 2016, a brief site assessment was conducted. Due to the horizontal distance to surface water being between 200 and 1000 feet from the well site, a depth to groundwater between 50 and 100 feet below ground surface (BGS), and the well site is not within a well head protection area, the regulatory standards for the site were determined to be 100 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, 10 ppm benzene and 50 ppm total BTEX; pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases.

First Sampling Event

Prior to Envirotech's arrival on September 28, 2016, the affected flow line was excavated and the leak in the line was repaired see enclosed **Appendix C, Site Photography**. The suspected contaminated area was excavated to the extents of approximately 100 feet by 5 feet by three (3) to five (5) feet below ground surface (BGS) along the flow line; see enclosed **Appendix A, Field Notes**. Three (3) composite samples were collected from the excavated area. One (1) sample (*North Trench*) was collected from the north section of the excavation, one (1) sample (*Impacted Area*) was collected from the area where the flow line was leaking, and one (1) sample was collected from the south section of the excavation; see enclosed **Appendix A, Field Notes**. Additionally, one (1) grab sample was collected from the area of release. The samples were screened in the field for organic vapors using a photoionization detector (PID). All samples returned results above the regulatory standard for organic vapors; see enclosed **Appendix A, Field Notes**. The samples were placed into four (4) ounce, laboratory provided, glass jars, capped headspace free, and transported on ice under chain of custody to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015D (*including gasoline range organics [GRO], diesel range organics [DRO], and oil range organics [ORO]*) and for benzene and total BTEX using USEPA Method 8021B. Both the *Impacted Area* grab sample and composite sample returned a result above the regulatory standard for all constituents analyzed; see enclosed **Table 1, Summary of Analytical Results** and **Appendix B, Analytical Results**. However, the *North Trench* and *South Trench* samples returned results below the regulatory standard for all constituents analyzed; see enclosed **Table 1, Summary of Analytical Results** and **Appendix B, Analytical Results**. Based on the analytical results Envirotech recommends further excavation of the *Impacted Area* and resampling for closure.

Second Sampling Event

On October 10, 2016, Envirotech personnel returned to the above-mentioned site. Envirotech personnel excavated the *Impacted Area* to the extent of approximately 36 feet by 25 feet by eight (8) feet BGS; see enclosed **Appendix A, Field Notes** and **Appendix C, Site Photography**. Three (3) five (5) point composite samples were collected from the *Impacted Area: East Wall, Bottom Composite, and West Wall*. Each sample was screened in the field for organic vapors using a PID and for TPH using USEPA Method 418.1. All three (3) samples returned results below the regulatory standard for organic vapors, but slightly above the regulatory standard for TPH; see enclosed **Appendix A, Field Notes** and **Table 1, Summary of Analytical Results**.

Third Sampling Event

Envirotech personnel returned to the site on October 11, 2016 for closure sampling activities. Ms. Vanessa Fields with NMOCD and Ms. Whitney Thomas with Bureau of Land Management (BLM) were onsite to witness closure sampling activities. Three (3) five (5) point composite samples were collected from the *Impacted Area: East Wall, Bottom Composite, and West Wall*. Each sample was screened in the field for organic vapors using a PID and for TPH using USEPA Method 418.1. All three (3) samples returned results below the regulatory standard for organic vapors, but slightly above the regulatory standard for TPH; see enclosed **Appendix A, Field Notes** and **Table 1, Summary of Analytical Results**. Envirotech recommended submitting the samples for laboratory analysis for closure. Each sample was placed into separate four (4) ounce, laboratory provided, glass jars, capped headspace free, and transported on ice under chain of custody to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015D (*GRO, DRO, & ORO*) and for benzene and total BETX using USEPA Method 8021B. All three (3) samples returned results below the regulatory standard for all constituents analyzed; see enclosed **Table 1, Summary of Analytical Results** and **Appendix B, Analytical Results**. Based on the analytical results Envirotech recommends *No Further Action*. The excavated area was backfilled with BLM certified weed-free virgin backfill soil and contoured to pre-incident conditions; see enclosed **Appendix C, Site Photography**.

Approximately 255 cubic yards of contaminated soil was transported by Envirotech to Envirotech's NMOCD permitted soil remediation facility Landfarm 2, located near Hilltop, New Mexico; see enclosed **Appendix D, Bill of Ladings**. Approximately 255 cubic yards of clean fill soil was transported by Envirotech from Envirotech's landfarm to backfill and re-contour the excavated area to pre-incident conditions; see enclosed **Appendix D, Bill of Ladings**.

SUMMARY AND CONCLUSIONS

Spill assessment and confirmation sampling activities were performed for a release at the Federal #003E well site located in Section 34, Township 25 North, Range 6 West, Rio Arriba County, New Mexico. Contaminated soil was transported to Envirotech's NMOCD permitted soil remediation facility. Envirotech, Inc. recommends that *No Further Action* is required in regards

to this incident. A *NMOCD Final C-141* form and BLM 3160-5 form are included in ***Appendix E, Supporting Documents***.

STATEMENT OF LIMITATIONS

Envirotech, Inc. has completed spill assessment and confirmation sampling activities for a release at the Federal #003E well site located in Section 34, Township 25 North, Range 6 West, Rio Arriba County, New Mexico. The work and services provided by Envirotech, Inc. were in accordance with the New Mexico Oil Conservation Division and Bureau of Land Management standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident.

The undersigned has conducted this service at the above referenced site; this work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

ENVIROTECH, INC.

Reviewed by:



Isaac Garcia
Environmental Field Technician
igarcia@envirotech-inc.com

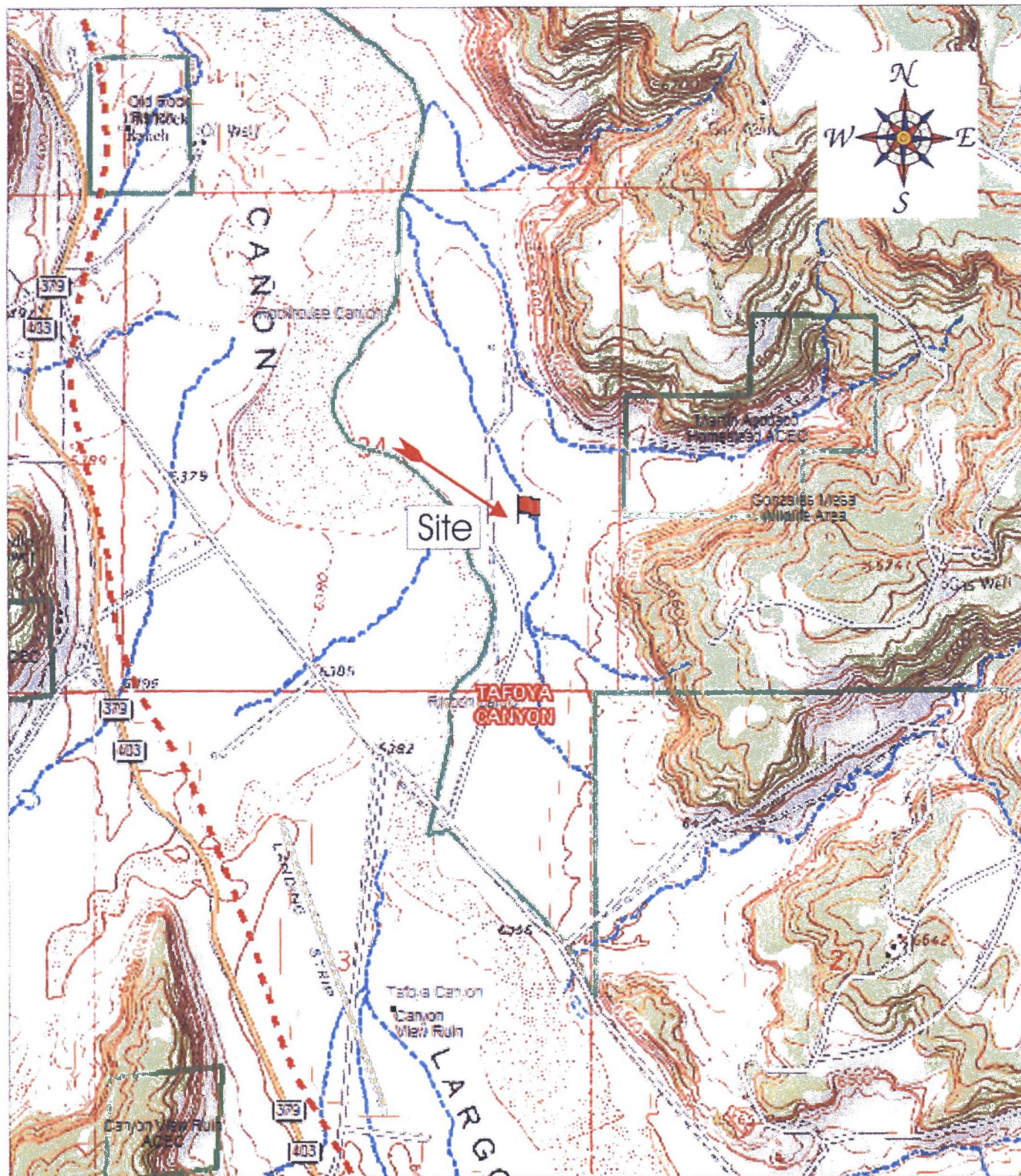


Felipe Aragon, CES
Environmental Field Coordinator
faragon@envirotech-inc.com

FIGURES

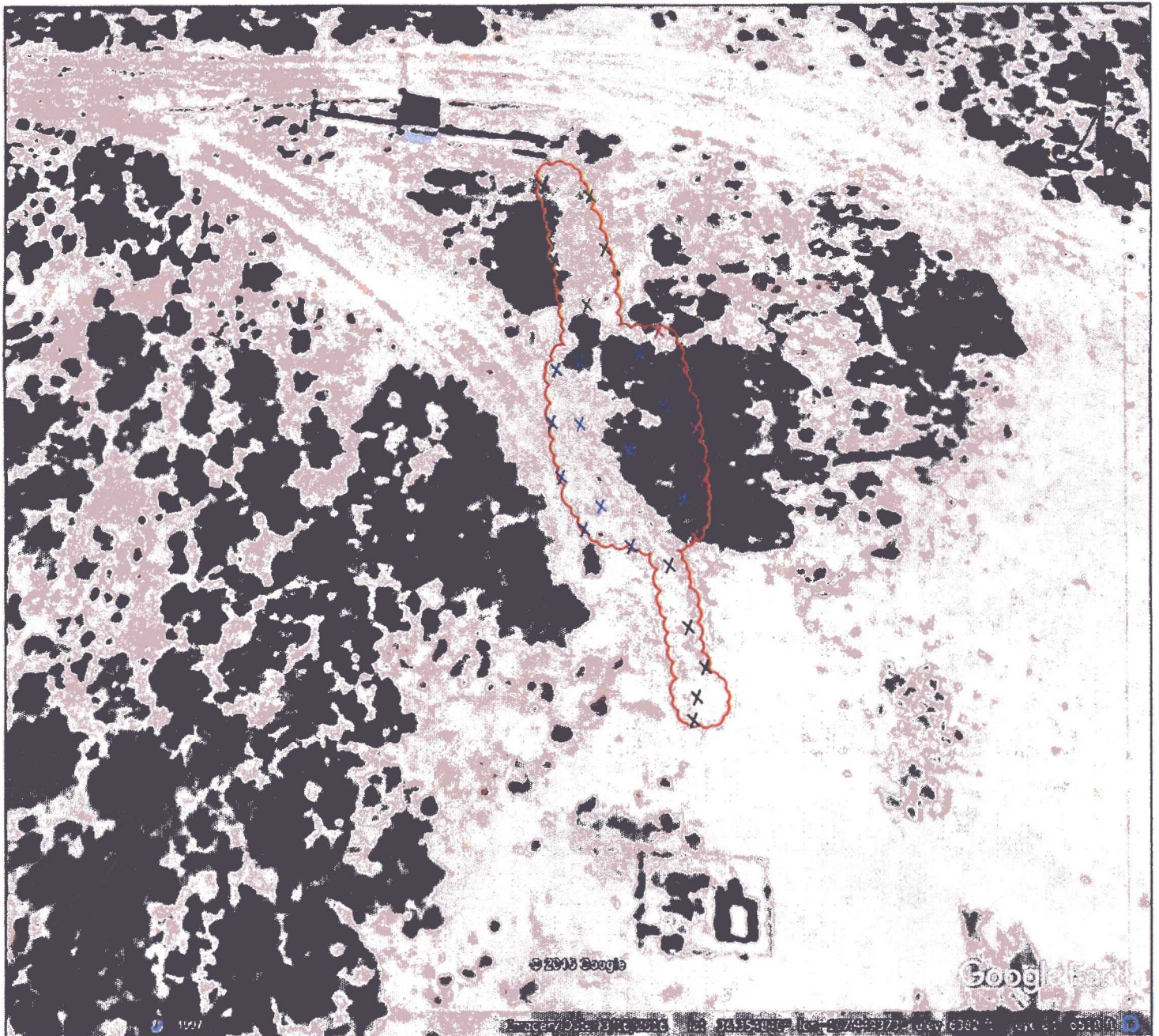
Figure 1, Vicinity Map

Figure 2, Site Map



Source: 7.5 Minute, Tafoya Canyon, New Mexico U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2000'

Kimbell Oil Company Federal #003E Well Site Section 34 Township 25N Range 6W Rio Arriba County, New Mexico	 ENVIRONMENTAL SCIENTISTS & ENGINEERS 5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615	Vicinity Map	
Project Number: 06011-0012 Date Drawn: 11/1/16		Figure #1 DRAWN BY: Isaac Garcia	PROJECT MANAGER: Felipe Aragon



LEGEND

- X North Trench Composite
- X South Trench Composite
- x Bottom Composite
- X East Wall Composite
- X West Wall Composite

SITE MAP Kimbell Oil Company Federal #003E

SECTION 34, TWP 25 NORTH, RANGE 6 WEST
RIO ARriba COUNTY, NEW MEXICO

SCALE: NTS

FIGURE NO. 2

REV

PROJECT NO06011-0012

REVISIONS

NO.	DATE	BY	DESCRIPTION
MAP DRWN	IG	11/1/16	BASE DRWN IG 11/1/16



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

TABLES

Table 1, Summary of Analytical Results

Table 1, Summary of Analytical Results

Kimbell Oil Company

Federal #003E

Confirmation Sampling

Project Number 06011-0012

Date	Sample Description	Sample Number	Organic Vapor (ppm)	USEPA Method 418.1 TPH (mg/kg)	USEPA Method 8015 TPH (mg/kg)	USEPA Method 8021	
						Benzene (mg/kg)	Total BTEX (mg/kg)
	New Mexico Oil Conservation Division standards	NA	100	100	100	10	50
9/28/2016	North Trench	1	>3000	NS	ND	ND	0.44
9/28/2016	South Trench	2	339	NS	ND	ND	ND
9/28/2016	Impacted Area Grab	3	1360	NS	3,470	24.5	364
9/28/2016	Impacted Area Comp	4	2423	NS	5,210	34.9	691
10/10/2016	East Wall	1	0	144	NS	NS	NS
10/10/2016	Bottom Comp	2	0	136	NS	NS	NS
10/10/2016	West Wall	3	1.1	140	NS	NS	NS
10/11/2016	Bottom Comp	1	14.6	192	ND	ND	ND
10/11/2016	East Wall	2	16.4	188	ND	ND	ND
10/11/2016	West Wall	3	10.2	172	ND	ND	ND

*Values in BOLD above regulatory limits

*NS - Parameter not sampled

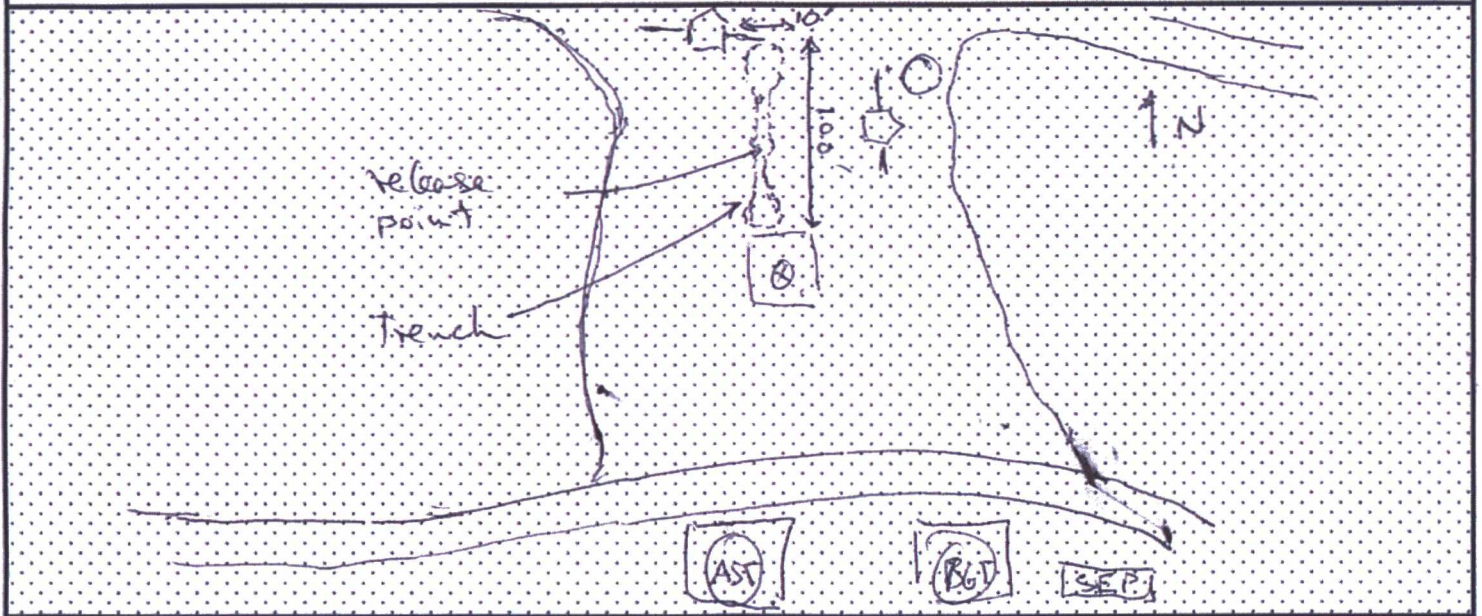
*ND - Parameter not detected

APPENDIX A

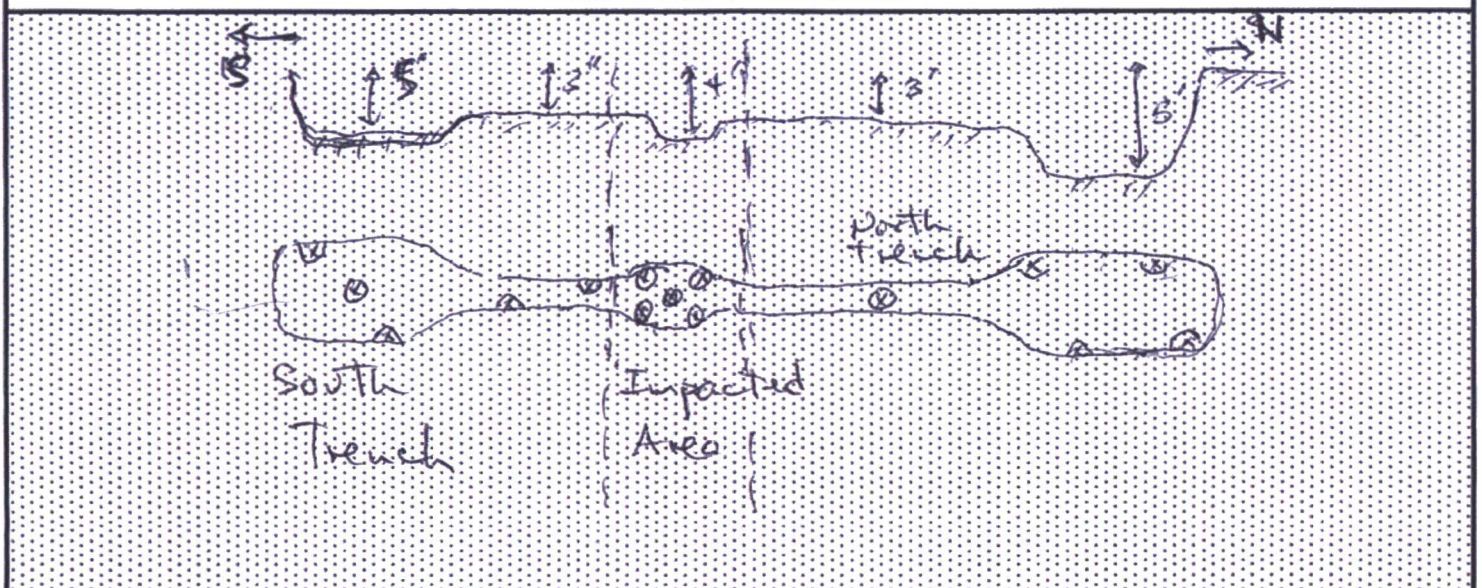
Field Notes

9/28/16

SPILL PERIMETER: Draw a schematic of the spill site. Attach photos and other diagrams as needed.



EXCAVATION PROFILE:



NOTES:

Include number of samples and borings taken, and screening types completed.

Describe spill in narrative format including amount, source and type of product.

	Grab	Composite	Sample Depth	Screening
North trench		SPT	6"	PID
South trench		SPT	6"	PID
Impacted Area	✓	SPT	6"	PID
Excavated soil	✓	SPT	6"	PID

WO #:

Who Ordered/Site Rep:

CLIENT: <u>Kimball Oil</u> CLIENT/JOB #: <u>06011-0012</u> START DATE: <u>10/10/16</u> FINISH DATE: <u>10/10/16</u> Page # <u>1</u> of <u>2</u>	 envirotech <small>(505) 632-0615 (800) 362-1879 5796 U.S. Hwy 64, Farmington, NM 87401</small>	Envmtl. Spclst: <u>B. Garver</u> C.O.C. No: _____ LAT _____ LONG _____
--	---	---

Field Report: Spill Closure Verification

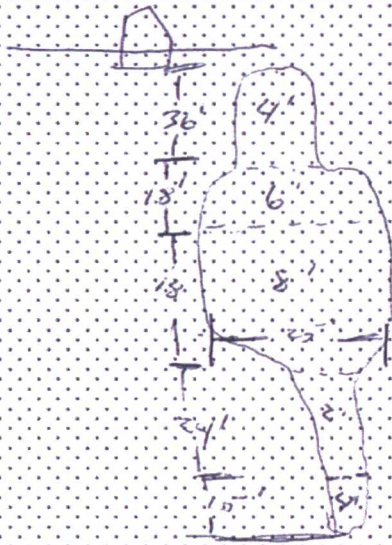
NMOCD Ranking: _____	Depth to GW: _____	WH Protection Area: No Yes
NMOCD TPH Closure Std.: _____	Distance to SW: _____	
LOCATION: Name: _____ Well #: _____ API: _____ County: _____ State: _____		
Cause of Release: _____ Material Released: _____ Amt. Released: _____		
QUAD/UNIT: _____	SEC: _____	TWP: _____ RNG: _____ PM: _____
Wellhead Lat/Long: _____	Land Jurisdiction: _____	QTR Footage: _____
Spill Located Approximately: _____ FT. FROM _____		
Excavation Approx: _____ FT. X _____ FT. X _____ FT.	Cubic Yardage: _____	
Disposal Facility: _____	Remediation Method: _____	
Land Use: _____	Lease: _____	Land Owner: _____

FIELD 418.1 ANALYSIS

SAMPLE DESCRIPTION	TIME	SAMPLE I.D.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
200 Standard	2:11	—	—	—	—	213	
East Wall	2:31	—	5	20	4	36	144
Bottom Comp	2:34		5	20	4	34	136
West Wall	2:37		5	20	4	35	140

OVM Results				Lab Testing		
Sample ID	Field Headspace PID (ppm)	Sample ID	Field Headspace PID (ppm)	Sample ID	Analysis Type	Time
East Wall	0.0					
Bottom	0.0					
West Wall	1.1					

SPILL PERIMETER: *Draw a schematic of the spill site. Attach photos and other diagrams as needed.*



EXCAVATION PROFILE:

NOTES:

Include number of samples and borings taken, and screening types completed.

Describe spill in narrative format including amount, source and type of product.

WO #:

Who Ordered/Site Rep:

10/11/16

500

Time
Breeding
Total

215

146

4804 = 192

164

4904 = 188

10.2

4804 = 172

10.1

10.3

200 Standard

Bottom

East Wall

West Wall

APPENDIX B

Analytical Results



CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 10-Oct-16

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	213
	200	
	500	
	1000	
	5000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

11/1/2016

Date

Isaac Garcia

Print Name

Review

11/1/2016

Date

Felipe Aragon, CES

Print Name



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: Kimbell Oil Company
Sample No.: 1
Sample ID: East Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 06011-0012
Date Reported: 11/1/2016
Date Sampled: 10/10/2016
Date Analyzed: 10/10/2016
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	144	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Federal #003E**

Instrument calibrated to 200 ppm standard and zeroed before each sample.



Analyst

Isaac Garcia

Printed



Review

Felipe Aragon, CES

Printed



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: Kimbell Oil Company
Sample No.: 2
Sample ID: Bottom Comp
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 06011-0012
Date Reported: 11/1/2016
Date Sampled: 10/10/2016
Date Analyzed: 10/10/2016
Analysis Needed: TPH-418.1


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	136	5.0

ND = Parameter not detected at the stated detection limit.

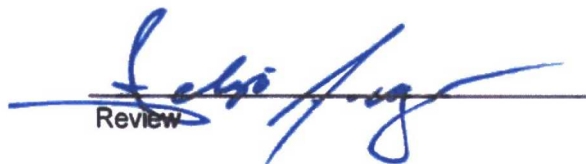
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Federal #003E**

Instrument calibrated to 200 ppm standard and zeroed before each sample.


Analyst

Isaac Garcia
Printed


Review

Felipe Aragon, CES
Printed



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client: Kimbell Oil Company
Sample No.: 3
Sample ID: West Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 06011-0012
Date Reported: 11/1/2016
Date Sampled: 10/10/2016
Date Analyzed: 10/10/2016
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	140	5.0

ND = Parameter not detected at the stated detection limit.

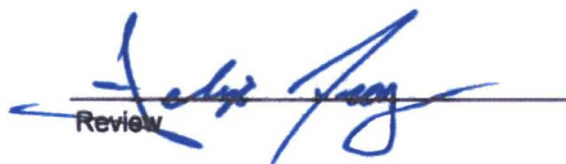
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Federal #003E**

Instrument calibrated to 200 ppm standard and zeroed before each sample.


Analyst

Isaac Garcia
Printed


Review

Felipe Aragon, CES
Printed



Analytical Report

Report Summary

Client: Kimbell Oil Company

Chain Of Custody Number:

Samples Received: 9/28/2016 3:30:00PM

Job Number: 06011-0012

Work Order: P609077

Project Name/Location: Federal #3E Confirmation
Sampling

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', written over a horizontal line.

Walter Hinchman, Laboratory Director

Date: 10/7/16

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

Tim Cain, Quality Assurance Officer

Date: 10/7/16

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.



envirotech

Analytical Laboratory

Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E Confirmation Sampling
Project Number: 06011-0012
Project Manager: Felipe Aragon

Reported:
07-Oct-16 10:21

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Impacted Area Grab	P609077-01A	Solid	09/28/16	09/28/16	Glass Jar, 4 oz.
Impacted Area Composite	P609077-02A	Solid	09/28/16	09/28/16	Glass Jar, 4 oz.
North Trench	P609077-03A	Solid	09/28/16	09/28/16	Glass Jar, 4 oz.
South Trench	P609077-04A	Solid	09/28/16	09/28/16	Glass Jar, 4 oz.

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5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com

Kimbell Oil Company
 777 Taylor Street, Suite P-11A
 Fort Worth TX, 76102

 Project Name: Federal #3E Confirmation Sampling
 Project Number: 06011-0012
 Project Manager: Felipe Aragon

 Reported:
 07-Oct-16 10:21

Impacted Area Grab
P609077-01 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	24.5	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Toluene	82.8	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Ethylbenzene	26.2	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
p,m-Xylene	173	20.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
o-Xylene	57.6	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Total Xylenes	230	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Total BTEX	364	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %		50-150	1641001	10/04/16	10/06/16	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	2310	2000	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8015D	
Diesel Range Organics (C10-C28)	1160	25.0	mg/kg	1	1641003	10/03/16	10/04/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		121 %		50-150	1641001	10/04/16	10/06/16	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1641003	10/03/16	10/04/16	EPA 8015D	
Surrogate: n-Nonane		211 %		50-200	1641003	10/03/16	10/04/16	EPA 8015D	Surr2

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 laboratory@envirotech-inc.com

Kimbell Oil Company
 777 Taylor Street, Suite P-11A
 Fort Worth TX, 76102

 Project Name: Federal #3E Confirmation Sampling
 Project Number: 06011-0012
 Project Manager: Felipe Aragon

 Reported:
 07-Oct-16 10:21

Impacted Area Composite
P609077-02 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	34.9	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Toluene	192	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Ethylbenzene	46.4	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
p,m-Xylene	330	20.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
o-Xylene	88.4	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Total Xylenes	418	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Total BTEX	691	10.0	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %		50-150	1641001	10/04/16	10/06/16	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	3490	2000	mg/kg	100	1641001	10/04/16	10/06/16	EPA 8015D	
Diesel Range Organics (C10-C28)	1720	25.0	mg/kg	1	1641003	10/03/16	10/04/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		114 %		50-150	1641001	10/04/16	10/06/16	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1641003	10/03/16	10/04/16	EPA 8015D	
Surrogate: n-Nonane		473 %		50-200	1641003	10/03/16	10/04/16	EPA 8015D	Surr2

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Kimbell Oil Company
 777 Taylor Street, Suite P-11A
 Fort Worth TX, 76102

 Project Name: Federal #3E Confirmation Sampling
 Project Number: 06011-0012
 Project Manager: Felipe Aragon

 Reported:
 07-Oct-16 10:21

North Trench
P609077-03 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
p,m-Xylene	0.29	0.20	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
o-Xylene	0.15	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Total Xylenes	0.44	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Total BTEX	0.44	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		100 %		50-150	1641001	10/04/16	10/05/16	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1641003	10/03/16	10/04/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		118 %		50-150	1641001	10/04/16	10/05/16	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1641003	10/03/16	10/04/16	EPA 8015D	
Surrogate: n-Nonane		130 %		50-200	1641003	10/03/16	10/04/16	EPA 8015D	

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Kimbell Oil Company
 777 Taylor Street, Suite P-11A
 Fort Worth TX, 76102

 Project Name: Federal #3E Confirmation Sampling
 Project Number: 06011-0012
 Project Manager: Felipe Aragon

 Reported:
 07-Oct-16 10:21

South Trench
P609077-04 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %		50-150	1641001	10/04/16	10/05/16	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1641001	10/04/16	10/05/16	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1641003	10/03/16	10/04/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		114 %		50-150	1641001	10/04/16	10/05/16	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1641003	10/03/16	10/04/16	EPA 8015D	
Surrogate: n-Nonane		132 %		50-200	1641003	10/03/16	10/04/16	EPA 8015D	

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Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E Confirmation Sampling
Project Number: 06011-0012
Project Manager: Felipe Aragon

Reported:
07-Oct-16 10:21

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 1641001 - Purge and Trap EPA 5030A

Blank (1641001-BLK1)

Prepared: 03-Oct-16 Analyzed: 05-Oct-16

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	7.84		"	8.00		98.0	50-150			

LCS (1641001-BS1)

Prepared: 03-Oct-16 Analyzed: 05-Oct-16

Benzene	5.55	0.10	mg/kg	5.00		111	70-130			
Toluene	5.44	0.10	"	5.00		109	70-130			
Ethylbenzene	5.26	0.10	"	5.00		105	70-130			
p,m-Xylene	10.5	0.20	"	10.0		105	70-130			
o-Xylene	5.17	0.10	"	5.00		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.96		"	8.00		99.5	50-150			

Matrix Spike (1641001-MS1)

Source: P609072-01

Prepared: 03-Oct-16 Analyzed: 05-Oct-16

Benzene	5.64	0.10	mg/kg	5.00	ND	113	54.3-133			
Toluene	5.53	0.10	"	5.00	ND	111	61.4-130			
Ethylbenzene	5.33	0.10	"	5.00	ND	107	61.4-133			
p,m-Xylene	10.6	0.20	"	10.0	ND	106	63.3-131			
o-Xylene	5.24	0.10	"	5.00	ND	105	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.03		"	8.00		100	50-150			

Matrix Spike Dup (1641001-MSD1)

Source: P609072-01

Prepared: 03-Oct-16 Analyzed: 05-Oct-16

Benzene	5.21	0.10	mg/kg	5.00	ND	104	54.3-133	8.02	20	
Toluene	5.10	0.10	"	5.00	ND	102	61.4-130	8.02	20	
Ethylbenzene	4.92	0.10	"	5.00	ND	98.4	61.4-133	8.13	20	
p,m-Xylene	9.77	0.20	"	10.0	ND	97.7	63.3-131	8.12	20	
o-Xylene	4.85	0.10	"	5.00	ND	97.1	63.3-131	7.72	20	
Surrogate: 4-Bromochlorobenzene-PID	8.00		"	8.00		100	50-150			

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Kimbell Oil Company
 777 Taylor Street, Suite P-11A
 Fort Worth TX, 76102

 Project Name: Federal #3E Confirmation Sampling
 Project Number: 06011-0012
 Project Manager: Felipe Aragon

 Reported:
 07-Oct-16 10:21

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 1641001 - Purge and Trap EPA 5030A										
Blank (1641001-BLK1)				Prepared: 03-Oct-16 Analyzed: 05-Oct-16						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.54		"	8.00		119	50-150			
LCS (1641001-BS1)				Prepared: 03-Oct-16 Analyzed: 05-Oct-16						
Gasoline Range Organics (C6-C10)	72.0	20.0	mg/kg	60.9		118	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.03		"	8.00		113	50-150			
Matrix Spike (1641001-MS1)				Source: P609072-01		Prepared: 03-Oct-16 Analyzed: 05-Oct-16				
Gasoline Range Organics (C6-C10)	73.3	20.0	mg/kg	60.9	ND	120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.09		"	8.00		114	50-150			
Matrix Spike Dup (1641001-MSD1)				Source: P609072-01		Prepared: 03-Oct-16 Analyzed: 05-Oct-16				
Gasoline Range Organics (C6-C10)	70.7	20.0	mg/kg	60.9	ND	116	70-130	3.68	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.45		"	8.00		118	50-150			

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 Fort Worth TX, 76102

 Project Name: Federal #3E Confirmation Sampling
 Project Number: 06011-0012
 Project Manager: Felipe Aragon

 Reported:
 07-Oct-16 10:21

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 1641003 - DRO Extraction EPA 3570										
Blank (1641003-BLK1)				Prepared: 03-Oct-16 Analyzed: 04-Oct-16						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	"							
Surrogate: n-Nonane	56.2		"	50.0		112	50-200			
LCS (1641003-BS1)				Prepared: 03-Oct-16 Analyzed: 04-Oct-16						
Diesel Range Organics (C10-C28)	474	25.0	mg/kg	500		94.8	38-132			
Surrogate: n-Nonane	55.5		"	50.0		111	50-200			
Matrix Spike (1641003-MS1)				Source: P609072-01		Prepared: 03-Oct-16 Analyzed: 04-Oct-16				
Diesel Range Organics (C10-C28)	466	25.0	mg/kg	500	ND	93.2	38-132			
Surrogate: n-Nonane	53.2		"	50.0		106	50-200			
Matrix Spike Dup (1641003-MSD1)				Source: P609072-01		Prepared: 03-Oct-16 Analyzed: 04-Oct-16				
Diesel Range Organics (C10-C28)	469	25.0	mg/kg	500	ND	93.8	38-132	0.692	20	
Surrogate: n-Nonane	54.8		"	50.0		110	50-200			

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Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E Confirmation Sampling
Project Number: 06011-0012
Project Manager: Felipe Aragon

Reported:
07-Oct-16 10:21

Notes and Definitions

Surr2 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

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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Page 11 of 12

Client: Kimball Oil
 Project: Podiatry #3E Confirmation Sampling
 Sampler: RGR
 Phone: 805 947 5660
 Email(s): rgc@envirotech-inc.com
 Project Manager: FA / G612

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method						Lab Only	
Lab WO#		GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0	ERO by 8015	Hold for 60 days	Lab Number	Correct Cont./Prsv (s) Y/N
Job Number									
P609077									
06011 - 0012									
Page (of)									

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTX by 8021	TPH by 418.1	Chloride by 300.0	ERO by 8015	Hold for 60 days	Lab Number	Correct Cont./Prsv (s) Y/N
Impacted Area Grab	9/28/16	11:20	Soil	402 Jar/Cool	X	X			X	X	1	X
Impacted Area Composite		11:40			X	X			X	X	2	
North Trench		12:00			X	X			X	X	3	
South Trench		12:20			X	X			X	X	4	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only		
<i>[Signature]</i>	9/28/16	15:30	<i>[Signature]</i>	9/28/16	15:30	**Received on Ice Y/ N		
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1	T2	T3
						AVG Temp °C <i>15</i>		

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

<input type="checkbox"/> Sample(s) dropped off after hours to a secure drop off area.	Chain of Custody	Notes/Billing info:
---	------------------	---------------------



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CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 11-Oct-16

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	218
	200	
	500	
	1000	
	5000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

11/1/2016

Date

Isaac Garcia

Print Name

Review

11/1/2016

Date

Felipe Aragon, CES

Print Name



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Kimbell Oil Company	Project #:	06011-0012
Sample No.:	1	Date Reported:	11/1/2016
Sample ID:	Bottom Comp	Date Sampled:	10/11/2016
Sample Matrix:	Soil	Date Analyzed:	10/11/2016
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons	192	5.0
------------------------------	-----	-----

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Federal #003E**

Instrument calibrated to 200 ppm standard and zeroed before each sample.



Analyst

Isaac Garcia

Printed



Review

Felipe Aragon, CES

Printed



**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client: Kimbell Oil Company
Sample No.: 2
Sample ID: East Wall
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 06011-0012
Date Reported: 11/1/2016
Date Sampled: 10/11/2016
Date Analyzed: 10/11/2016
Analysis Needed: TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------


Total Petroleum Hydrocarbons	188	5.0
------------------------------	-----	-----

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Federal #003E**


Instrument calibrated to 200 ppm standard and zeroed before each sample.



Analyst

Isaac Garcia

Printed



Review

Felipe Aragon, CES

Printed



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client	Kimbell Oil Company	Project #:	06011-0012
Sample No.:	3	Date Reported:	11/1/2016
Sample ID:	West Wall	Date Sampled:	10/11/2016
Sample Matrix:	Soil	Date Analyzed:	10/11/2016
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	172	5.0

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

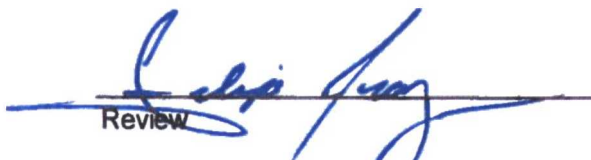
Comments: **Federal #003E**

Instrument calibrated to 200 ppm standard and zeroed before each sample.



Analyst

Isaac Garcia
Printed



Review
Felipe Aragon, CES
Printed



Analytical Report

Report Summary

Client: Kimbell Oil Company
Chain Of Custody Number:
Samples Received: 10/11/2016 3:20:00PM
Job Number: 06011-0012
Work Order: P610012
Project Name/Location: Federal #3E

Report Reviewed By:

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

Date: 10/17/16

Walter Hinchman, Laboratory Director

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

Date: 10/17/16

Tim Cain, Quality Assurance Officer

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.



Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E
Project Number: 06011-0012
Project Manager: Isaac Garcia

Reported:
17-Oct-16 13:39

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bottom	P610012-01A	Soil	10/11/16	10/11/16	Glass Jar, 4 oz.
West Wall	P610012-02A	Soil	10/11/16	10/11/16	Glass Jar, 4 oz.
East Wall	P610012-03A	Soil	10/11/16	10/11/16	Glass Jar, 4 oz.

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Analytical Laboratory

Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E
Project Number: 06011-0012
Project Manager: Isaac Garcia

Reported:
17-Oct-16 13:39

Bottom P610012-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %		50-150	1642010	10/12/16	10/12/16	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1642013	10/13/16	10/13/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		101 %		50-150	1642010	10/12/16	10/12/16	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1642013	10/13/16	10/13/16	EPA 8015D	
Surrogate: n-Nonane		111 %		50-200	1642013	10/13/16	10/13/16	EPA 8015D	

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laboratory@envirotech-inc.com



Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E
Project Number: 06011-0012
Project Manager: Isaac Garcia

Reported:
17-Oct-16 13:39

West Wall
P610012-02 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	10/12/16	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	10/12/16	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	10/12/16	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1642010	10/12/16	10/12/16	10/12/16	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	10/12/16	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	10/12/16	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	10/12/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		99.0 %		50-150	1642010	10/12/16	10/12/16	10/12/16	EPA 8021B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1642010	10/12/16	10/12/16	10/12/16	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1642013	10/13/16	10/13/16	10/13/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %		50-150	1642010	10/12/16	10/12/16	10/12/16	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1642013	10/13/16	10/13/16	10/13/16	EPA 8015D	
Surrogate: n-Nonane		109 %		50-200	1642013	10/13/16	10/13/16	10/13/16	EPA 8015D	

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Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E
Project Number: 06011-0012
Project Manager: Isaac Garcia

Reported:
17-Oct-16 13:39

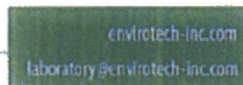
East Wall
P610012-03 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %		50-150	1642010	10/12/16	10/12/16	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1642010	10/12/16	10/12/16	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1642013	10/13/16	10/13/16	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.4 %		50-150	1642010	10/12/16	10/12/16	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1642013	10/13/16	10/13/16	EPA 8015D	
Surrogate: n-Nonane		110 %		50-200	1642013	10/13/16	10/13/16	EPA 8015D	

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Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E
Project Number: 06011-0012
Project Manager: Isaac Garcia

Reported:
17-Oct-16 13:39

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1642010 - Purge and Trap EPA 5030A

Blank (1642010-BLK1)

Prepared & Analyzed: 12-Oct-16

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	7.65		"	8.00		95.6	50-150			

LCS (1642010-BS1)

Prepared & Analyzed: 12-Oct-16

Benzene	4.80	0.10	mg/kg	5.00		96.1	70-130			
Toluene	4.66	0.10	"	5.00		93.3	70-130			
Ethylbenzene	4.64	0.10	"	5.00		92.9	70-130			
p,m-Xylene	9.13	0.20	"	10.0		91.4	70-130			
o-Xylene	4.49	0.10	"	5.00		89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.81		"	8.00		97.6	50-150			

Matrix Spike (1642010-MS1)

Source: P610010-01

Prepared & Analyzed: 12-Oct-16

Benzene	5.15	0.10	mg/kg	5.00	ND	103	54.3-133			
Toluene	5.08	0.10	"	5.00	ND	102	61.4-130			
Ethylbenzene	5.17	0.10	"	5.00	0.19	99.6	61.4-133			
p,m-Xylene	10.7	0.20	"	10.0	0.98	97.2	63.3-131			
o-Xylene	4.80	0.10	"	5.00	ND	96.0	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.29		"	8.00		104	50-150			

Matrix Spike Dup (1642010-MSD1)

Source: P610010-01

Prepared & Analyzed: 12-Oct-16

Benzene	5.18	0.10	mg/kg	5.00	ND	104	54.3-133	0.455	20	
Toluene	5.11	0.10	"	5.00	ND	102	61.4-130	0.613	20	
Ethylbenzene	5.22	0.10	"	5.00	0.19	101	61.4-133	1.11	20	
p,m-Xylene	10.7	0.20	"	10.0	0.98	96.8	63.3-131	0.367	20	
o-Xylene	4.83	0.10	"	5.00	ND	96.7	63.3-131	0.722	20	
Surrogate: 4-Bromochlorobenzene-PID	8.26		"	8.00		103	50-150			

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Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3F
Project Number: 06011-0012
Project Manager: Isaac Garcia

Reported:
17-Oct-16 13:39

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 1642010 - Purge and Trap EPA 5030A										
Blank (1642010-BLK1)										
					Prepared & Analyzed: 12-Oct-16					
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		"	8.00		95.5	50-150			
LCS (1642010-BS1)										
					Prepared & Analyzed: 12-Oct-16					
Gasoline Range Organics (C6-C10)	55.7	20.0	mg/kg	60.9		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		"	8.00		97.0	50-150			
Matrix Spike (1642010-MS1)										
			Source: P610010-01		Prepared & Analyzed: 12-Oct-16					
Gasoline Range Organics (C6-C10)	79.9	20.0	mg/kg	60.9	21.6	95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		"	8.00		97.8	50-150			
Matrix Spike Dup (1642010-MSD1)										
			Source: P610010-01		Prepared & Analyzed: 12-Oct-16					
Gasoline Range Organics (C6-C10)	80.0	20.0	mg/kg	60.9	21.6	96.0	70-130	0.125	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		"	8.00		98.0	50-150			

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Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E
Project Number: 06011-0012
Project Manager: Isaac Garcia

Reported:
17-Oct-16 13:39

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 1642013 - DRO Extraction EPA 3570										
Blank (1642013-BLK1)				Prepared & Analyzed: 13-Oct-16						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	"							
Surrogate: n-Nonane	54.4		"	50.0		109	50-200			
LCS (1642013-BS1)				Prepared & Analyzed: 13-Oct-16						
Diesel Range Organics (C10-C28)	441	25.0	mg/kg	500		88.1	38-132			
Surrogate: n-Nonane	54.6		"	50.0		109	50-200			
Matrix Spike (1642013-MS1)				Source: P610012-01	Prepared & Analyzed: 13-Oct-16					
Diesel Range Organics (C10-C28)	467	25.0	mg/kg	500	ND	93.4	38-132			
Surrogate: n-Nonane	52.9		"	50.0		106	50-200			
Matrix Spike Dup (1642013-MSD1)				Source: P610012-01	Prepared & Analyzed: 13-Oct-16					
Diesel Range Organics (C10-C28)	469	25.0	mg/kg	500	ND	93.8	38-132	0.394	20	
Surrogate: n-Nonane	53.4		"	50.0		107	50-200			

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Kimbell Oil Company
777 Taylor Street, Suite P-11A
Fort Worth TX, 76102

Project Name: Federal #3E
Project Number: 06011-0012
Project Manager: Isaac Garcia

Reported:
17-Oct-16 13:39

Notes and Definitions

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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laboratory@envirotech-inc.com

Project Manager: Felipe Aragon

3d

Page 10 of 10

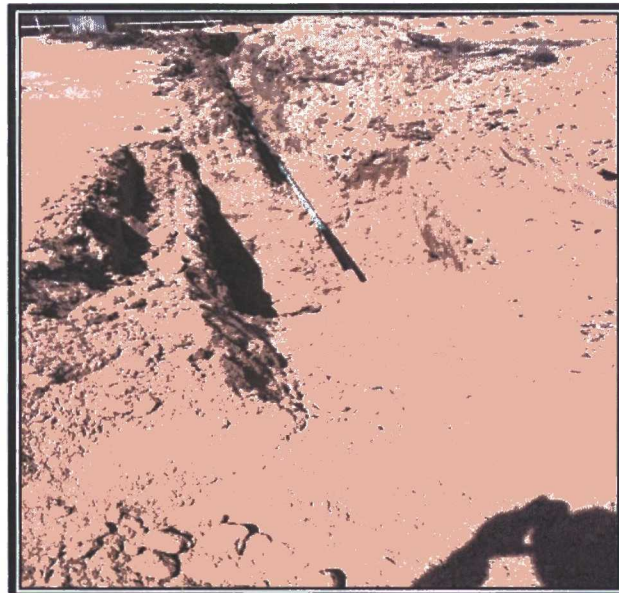
APPENDIX C

Site Photography

Site Photography
Kimbell Oil Company of Texas, LLC
Federal #003E Well Site
Spill Assessment and Confirmation Sampling Report
Project No. 06011-0012



Picture 1: Excavation Overview (9/28/16)



Picture 2: South Trench (9/28/16)

Site Photography
Kimbell Oil Company of Texas, LLC
Federal #003E Well Site
Spill Assessment and Confirmation Sampling Report
Project No. 06011-0012



Picture 3: North Trench (9/28/16)



Picture 4: Impacted Area (9/28/16)

Site Photography
Kimbell Oil Company of Texas, LLC
Federal #003E Well Site
Spill Assessment and Confirmation Sampling Report
Project No. 06011-0012



Picture 5: Impacted Area Extended: View 1 (10/10/16)



Picture 6: Impacted Area: View 2 (10/10/16)

Site Photography
Kimbell Oil Company of Texas, LLC
Federal #003E Well Site
Spill Assessment and Confirmation Sampling Report
Project No. 06011-0012



Picture 7: East Wall (10/10/16)

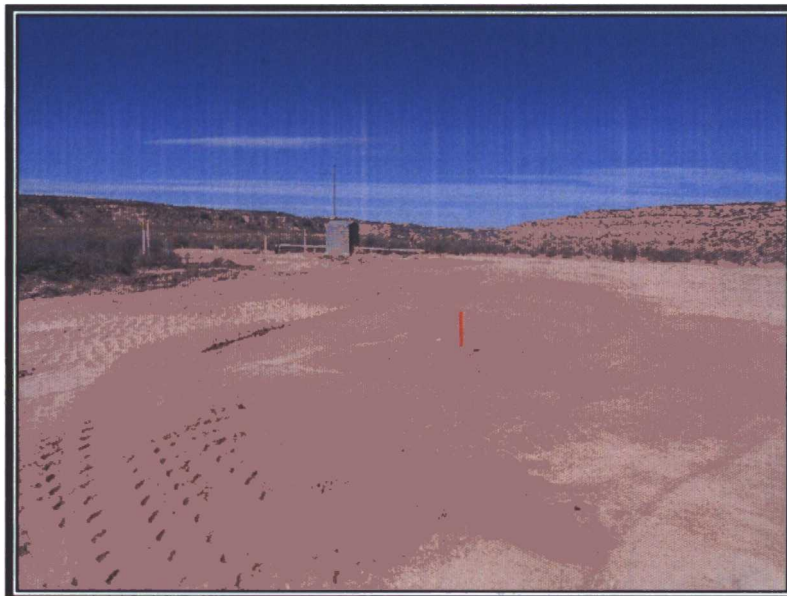


Picture 8: West Wall (10/10/16)

Site Photography
Kimbell Oil Company of Texas, LLC
Federal #003E Well Site
Spill Assessment and Confirmation Sampling Report
Project No. 06011-0012



Picture 9: Backfill and Re-contouring: View 1 (10/18/16)



Picture 10: Final Backfill and Re-contouring: View 2 (10/18/16)

APPENDIX D

Bill of Ladings/ C-138 Request for Approval

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

RECEIVED OCT 10 2016 Form C-138
Revised August 1, 2011

*Surface Waste Management Facility Operator
and Generator shall maintain and make this
documentation available for Division inspection.

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address: <u>Kimbell Oil Company of Texas</u> <u>777 TAYLOR ST., Suite P-IIA, FORT WORTH Texas 76102</u>	
2. Originating Site: <u>GAS Well Location, Buried GAS Flow Line, Low Pressure, Federal #3E Well site, Section 34-T25N-R6W, Rio Arriba Co., New Mexico. LAT. 36.35440 Long. 107.44928</u>	
3. Location of Material (Street Address, City, State or ULSTR): <u>UNIT I, Section 34, Township 25N, Range 6W. Rio Arriba Co., N.M.</u>	
4. Source and Description of Waste: <u>IMPACTED SOILS excavated FROM AROUND Steel Low Pressure GAS Flowline buried on Location (2.5-3.0 feet) Soil excavated from 10' wide x 6' deep x 200' long TRENCH AFTER LINE REMOVED</u> Estimated Volume <u>600</u> yd ³ / <u>600</u> bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd ³ / bbls	
5. <u>JONATHAN STICKELAND</u> GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS I, <u>JM Stickland</u> , representative or authorized agent for <u>Kimbell Oil Company of Texas</u> do hereby PRINT & SIGN NAME COMPANY NAME certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) <input checked="" type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load <input type="checkbox"/> RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) <input type="checkbox"/> MSDS Information <input type="checkbox"/> RCRA Hazardous Waste Analysis <input type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description in Box 4) 6. <u>JM Stickland</u> GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS I, <u>JM Stickland</u> , representative for <u>Kimbell Oil Company of TX</u> authorize Envirotech to Generator Signature complete the required testing/sign the Generator Waste Testing Certification. I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.	
5. Transporter:	

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: Envirotech Inc Soil Remediation Facility Permit # NM-01-0011

Address of Facility: #43 Road 7175, South of Bloomfield NM

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☐ APPROVED

☐ DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: _____ TITLE: _____ DATE: _____

SIGNATURE: _____ TELEPHONE NO.: _____
Surface Waste Management Facility Authorized Agent



Bill of Lading

MANIFEST # 55269

GENERATOR Kimbell

POINT OF ORIGIN Fed 3-E

TRANSPORTER E. tech

DATE 10-10-16 JOB # 06611-0012

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact	Phone
--------------------------	-------

Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records, **Yellow** - Billing, **Pink** - Customer, **Goldenrod** - LF Copy



Bill of Lading

MANIFEST # **55278**
GENERATOR Kimbell
POINT OF ORIGIN Fed 3-E
TRANSPORTER E-tech
DATE 10-11-16 JOB # 06011-0012

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII-5	CON ¹ +SOIL	CC-19	20	-	-	636	1105	Mike Hoyt
2	LFII-5	" "	CC-19	20	-	-	609	1117	
3	LFII-5	" "	CC-19	20	-	-	663	1335	Therone
4	LFII-5	" "	CC-19	20	-	-	609	1443	
5	LFII-5	" "	CC-19	20	-	-	636	1453	Mike Hoyt
				<u>100</u>					
RESULTS		LANDFARM EMPLOYEE		NOTES					
<u>< 305</u>	CHLORIDE TEST	<u>2</u>	Garry Robinson ^{EL} Certification of above receipt & placement						
	PAINT FILTER TEST	<u>2</u>							

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy



Bill of Lading

MANIFEST # **55292**
GENERATOR Kimbell
POINT OF ORIGIN Fed 3-E
TRANSPORTER E. tech
DATE 10-12-16 JOB # 06011-0002

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII.5	Cont Soil	t-17	20	-	-	609	1145	
2	LFII.5	" "	t-17	20	-	-	636	1145	
3	"	"	t-17	20	-	-	609	15:45	
4	"	"	t-17	20	-	-	636	15:45	
				80					
RESULTS		LANDFARM EMPLOYEE		 Certification of above receipt & placement		NOTES			
2305	CHLORIDE TEST	1							
	PAINT FILTER TEST	2							

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy



Bill of Lading

MANIFEST # 55313

GENERATOR Kimbell

POINT OF ORIGIN Fed 3-ETRANSPORTER E-tech

DATE 10-13-16 JOB # 06011-0012

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact	Phone
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Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records, **Yellow** - Billing, **Pink** - Customer, **Goldenrod** - LF Copy



MANIFEST # 55266

MANIFEST # 55200
GENERATOR Etech

POINT OF ORIGIN Fed 3E land Farm

TRANSPORTER E. tech

DATE 636-10-10 JOB# 06011-0012

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records, **Yellow** - Billing, **Pink** - Customer, **Goldenrod** - LF Copy



envirotech

Bill of Lading

MANIFEST # 55274

MANIFEST # 33214
GENERATOR E.tech

POINT OF ORIGIN ~~K. Abet~~ land

TRANSPORTER E-tech Farm

DATE 10-11-16 JOB # 06011-0012

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Kimbell Fed 3-E	Clean Fill 50.L	-	20	-	-	636	750	mike RLA
2	" "	" " "	-	20	-	-	609	750	[Signature]
3	" "	" " "	-	20	-	-	663	750	Drew ney
4	" "	" " "	-	20	-	-	636	1105	mike Hoyt
5	" "	" " "	-	20	-	-	609	1117	[Signature]
6	" "	" " "	-	20 100	-	-			
RESULTS		LANDFARM EMPLOYEE	Gary Robinson EL Certification of above receipt & placement					NOTES	
<input checked="" type="checkbox"/>	CHLORIDE TEST								
<input checked="" type="checkbox"/>	PAINT FILTER TEST	<input checked="" type="checkbox"/>							

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact	Phone
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Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records, **Yellow** - Billing, **Pink** - Customer, **Goldenrod** - LF Copy



Bill of Lading

MANIFEST # 55286


MANIFEST # 00000
GENERATOR Etech

POINT OF ORIGIN Land Farm

TRANSPORTER Etech

DATE 10-12-16 JOB # 06011-0012

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Kimbell Fed 3-E	Clean Fill Soil	—	20	—		636	730	mike Hest
2	" "	" " "	—	20	—		609	758	
3	" "	" " "	—	20	—		609	1145	
4	" "	" " "	—	<u>20</u>	—		636	1145	
				80					

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact	Phone

Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records, **Yellow** - Billing, **Pink** - Customer, **Goldenrod** - LF Copy



Bill of Lading

MANIFEST # 55306

GENERATOR E.tech

POINT OF ORIGIN Land Farm

TRANSPORTER E.tech

DATE 10-13-16 JOB # 06011-0012

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact	Phone
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Signatures required prior to distribution of the legal document.

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APPENDIX E

Supporting Documentation

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
SF-080138

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Kimbell Oil Company of Texas

3a. Address
777 Taylor St. Suite P-11A, Fort Worth, TX, 76102

3b. Phone No. (include area code)
817-335-2591

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1820' FSL & 1110' FEL Section 34- T25N-R6W (Lat. 38.35440 : Lon. -107.44928)

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Federal # 003 E

9. API Well No.
30-039-22285

10. Field and Pool or Exploratory Area
Basin Dakota

11. Country or Parish, State
Rio Arriba, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

A buried low pressure flow line (separator to meter run) failed to hold pressure when tested. Well head was shut in, flow line was excavated, and source of release was identified and replaced. On September 28, 2016, Envirotech collected soil samples (OCD observed) to delineate impacted area. Laboratory results confirm contamination in the area (~20 radius) of the leak in the flow line. Additional excavation of the impacted area will be performed and soil samples will be collected and analyzed to confirm that site has been remediated in accordance with the NMOCD/BLM regulatory standards.

On October 10-11, 2016 the impacted area was excavated to the extents of approximately 25' X 36' X 8' deep. On October 11, 2016, soil samples were collected from the walls and bottom of the excavation (OCD/BLM observed). Samples were analyzed at Envirotech's Laboratory for TPH (8015D) and BTEX (21B). All samples returned results below the regulatory standard. All impacted soil (~ 255 cubic yards) was transported and disposed of at Envirotech's NMOCD permitted Landfarm II. The excavated area was then backfilled with virgin, BLM certified weed free soil and re-contoured to its pre-incident condition.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
JONATHAN M. STICKLAND

Title
Consulting Ops. Mgr.

Signature

Date
10/27/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)