

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

Form C-141  
Revised August 8, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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 <b>Frontier Field Services, LLC</b>	Contact <b>John Prentiss</b>
Address <b>65 Mercado Street, Suite 250, Durango, CO 81301</b>	Telephone No. <b>575-676-3528</b>
Facility Name <b>Caviness Ranch 6" Lateral Pipeline</b>	Facility Type <b>Condensate transport line</b>
Surface Owner <b>BLM</b>	Mineral Owner
	API No. <b>N/A</b>

**LOCATION OF RELEASE**

Unit Letter	Section <b>28</b>	Township <b>18S</b>	Range <b>33E</b>	Feet from the	North/South Line	Feet from the	East/West Line	County <b>Lea</b>
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Latitude 32.772243900 N Longitude -103.66939550 W

**NATURE OF RELEASE**

Type of Release <b>Historic LOPC of condensate from buried pipeline</b>	Volume of Release <b>Estimated &gt;5bbl subsurface</b>	Volume Recovered: <b>0-bbl recovered from surface. Excavation underway.</b>
Source of Release <b>Historic pinhole leak discovered in buried heavy condensate pipeline</b>	Date and Hour of Occurrence <b>Historic</b>	Date and Hour of Discovery <b>4/17/15 @ 17:39 hundred hours</b>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <b>Tomáš Oberding – NMOCD</b>	
By Whom? <b>Greg Busch – EHS Technician III</b>	Date and Hour <b>4/20/15 @ 13:15</b>	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

**APPROVED**

*By OCD District 1 at 2:04 pm, May 21, 2015*

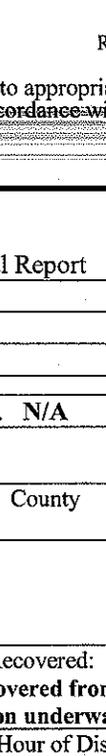
If a Watercourse was Impacted, Describe Fully.\*  
**N/A**

Describe Cause of Problem and Remedial Action Taken.\*  
**On 4/17/2015, Frontier Field Services discovered a historic release along the Caviness 6" Lateral Pipeline. Frontier made the appropriate action and blocked in the line to prevent further leakage.**

**On 4/20/2015, which is the first business day following the release, Frontier made call(s) to NMOCD and to BLM. Excavation commenced to delineate and remove contaminated soils and to restore the integrity of the pipeline.**

Describe Area Affected and Cleanup Action Taken.\*  
**RP# 3620**  
**Approximate 336 yd<sup>3</sup> have been excavated from the area surrounding the pipeline. The excavation material was transported to Gaudy's Land Farm for disposal starting on 4/22/2015 and ending on 4/29/2015. Analytical samples were taken on 4/23/2015 to demonstrate that Chlorides, TPH, BTEX, and Benzene are below the levels outlined in the "NMOCD Guidelines for Remediation of Leaks, Spills, and Releases." The area has been backfilled with clean soil. The completion date is 5/5/2015.**

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Harley Everhart</b>	Approved by Environmental Specialist: 	
Title: <b>EHS Technician III</b>	Approval Date: <b>05/21/2015</b>	Expiration Date: <b>//</b>
E-mail Address: <b>heverhart@akaenergy.com</b>	Conditions of Approval: <b>//</b>	Attached <input type="checkbox"/> <b>1RP-3620</b>
Date: <b>5/18/2015</b>	Phone: <b>575-513-4922</b>	

**RECEIVED**

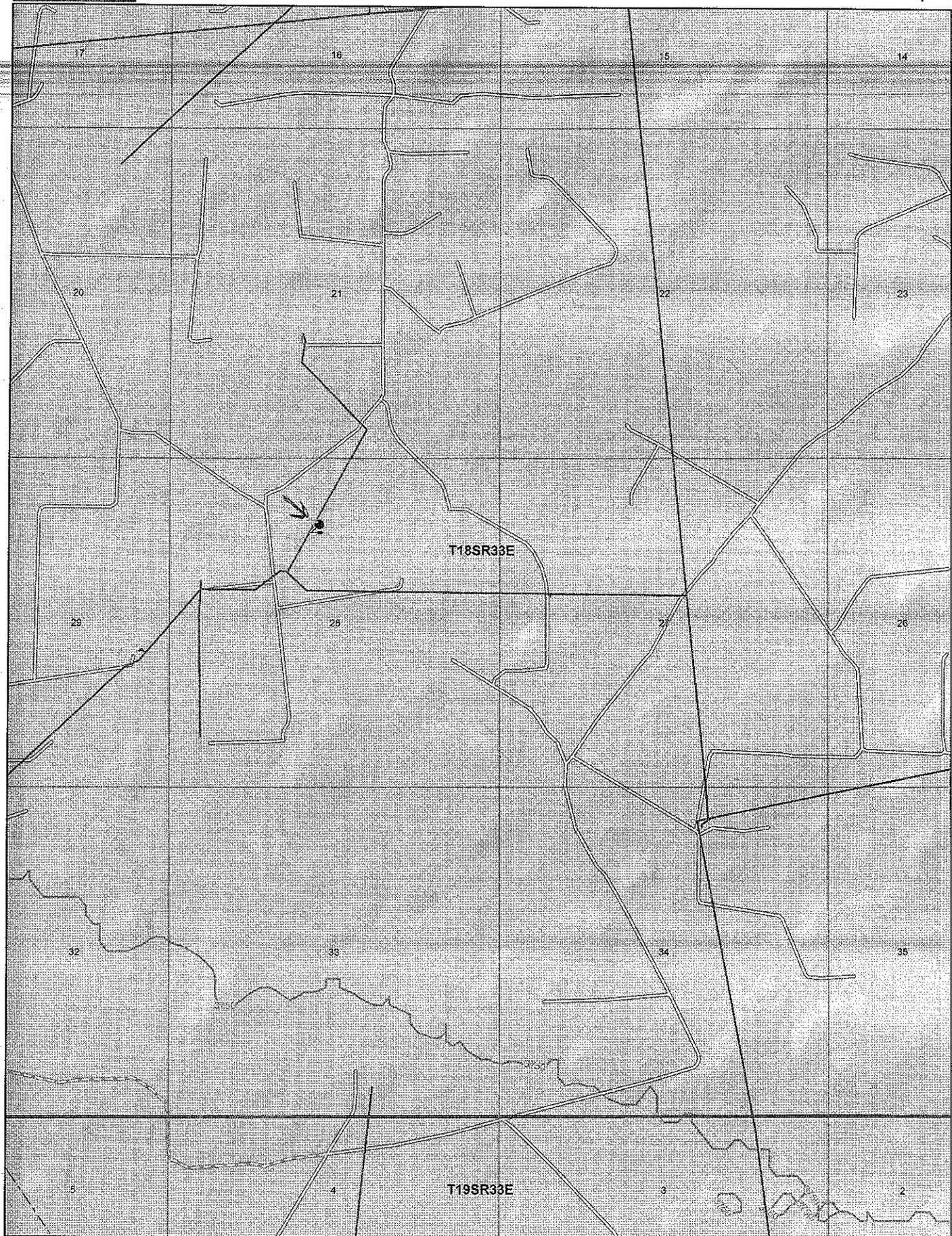
*By OCD District 1 at 2:04 pm, May 21, 2015*

\*Attach Additional Sheets If Necessary

- 1) Sample locations
- 2) Analytical Results
- 3) Manifest
- 4) Completed project pic.

Attachments were emailed to:

Kellie Jones  
Environmental Specialist, District 1  
Oil Conservation Division, EMNRD  
(575) 393-6161 ext. 111  
575-370-3180 (emergency-cell)  
E-Mail: [kellie.jones@state.nm.us](mailto:kellie.jones@state.nm.us)



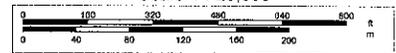
Data use subject to license.

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www.delorme.com



Scale 1 : 25,000



1" = 473.0 ft

Data Zoom 13-0



**Release Notification and Corrective Action-Oil Conservation Division**

	<b>Name of Company:</b>	Frontier Field Services, LLC		<b>LOCATION OF RELEASE</b>								
	<b>Facility Name:</b>	Caviness Ranch 6" Lateral Pipeline		Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	<b>Surface Owner:</b>	BLM			28	18S	33E					Lea
<b>RP #:</b>	3620	<b>Ini C-141:</b>	4/29/2015	<b>Remediation Completion:</b>			5/5/2015	<b>Sampling Date:</b>	4/23/2015	<b>Final C141 Date:</b>	5/18/2015	

April 28, 2015

HARLEY EVERHART  
FRONTIER FIELD SERVICES  
4200 SKELLY DRIVE, SUITE 700  
TULSA, OK 74135

RE: CAVINESS LAT. 6"

Enclosed are the results of analyses for samples received by the laboratory on 04/23/15 14:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 FRONTIER FIELD SERVICES  
 HARLEY EVERHART  
 4200 SKELLY DRIVE, SUITE 700  
 TULSA OK, 74135  
 Fax To: (575) 676-2401

Received:	04/23/2015	Sampling Date:	04/23/2015
Reported:	04/28/2015	Sampling Type:	Soil
Project Name:	CAVINESS LAT. 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CAVINESS REMEDIATION		

**Sample ID: CAVINESS #1 (H501061-01)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/24/2015	ND	2.05	103	2.00	2.65	
<b>Toluene*</b>	<b>0.130</b>	0.050	04/24/2015	ND	1.88	93.9	2.00	0.287	
<b>Ethylbenzene*</b>	<b>0.252</b>	0.050	04/24/2015	ND	1.76	88.2	2.00	0.848	
<b>Total Xylenes*</b>	<b>0.445</b>	0.150	04/24/2015	ND	5.65	94.1	6.00	1.11	
<b>Total BTEX</b>	<b>0.827</b>	0.300	04/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/24/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>20.3</b>	10.0	04/24/2015	ND	205	103	200	1.77	
<b>DRO &gt;C10-C28</b>	<b>1670</b>	10.0	04/24/2015	ND	217	109	200	2.47	

Surrogate: 1-Chlorooctane 111 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 FRONTIER FIELD SERVICES  
 HARLEY EVERHART  
 4200 SKELLY DRIVE, SUITE 700  
 TULSA OK, 74135  
 Fax To: (575) 676-2401

Received:	04/23/2015	Sampling Date:	04/23/2015
Reported:	04/28/2015	Sampling Type:	Soil
Project Name:	CAVINESS LAT. 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CAVINESS REMEDIATION		

**Sample ID: CAVINESS #2 (H501061-02)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2015	ND	2.19	110	2.00	1.10	
<b>Toluene*</b>	<b>0.059</b>	0.050	04/27/2015	ND	1.97	98.7	2.00	0.692	
<b>Ethylbenzene*</b>	<b>0.179</b>	0.050	04/27/2015	ND	1.87	93.5	2.00	0.124	
<b>Total Xylenes*</b>	<b>0.341</b>	0.150	04/27/2015	ND	6.03	101	6.00	0.310	
<b>Total BTEX</b>	<b>0.579</b>	0.300	04/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/24/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>24.9</b>	10.0	04/24/2015	ND	205	103	200	1.77	
<b>DRO &gt;C10-C28</b>	<b>1090</b>	10.0	04/24/2015	ND	217	109	200	2.47	

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 120 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 FRONTIER FIELD SERVICES  
 HARLEY EVERHART  
 4200 SKELLY DRIVE, SUITE 700  
 TULSA OK, 74135  
 Fax To: (575) 676-2401

Received:	04/23/2015	Sampling Date:	04/23/2015
Reported:	04/28/2015	Sampling Type:	Soil
Project Name:	CAVINESS LAT. 6"	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CAVINESS REMEDIATION		

**Sample ID: CAVINESS #3 (H501061-03)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2015	ND	2.19	110	2.00	1.10	
Toluene*	<0.050	0.050	04/27/2015	ND	1.97	98.7	2.00	0.692	
<b>Ethylbenzene*</b>	<b>0.077</b>	0.050	04/27/2015	ND	1.87	93.5	2.00	0.124	
Total Xylenes*	<0.150	0.150	04/27/2015	ND	6.03	101	6.00	0.310	
Total BTEX	<0.300	0.300	04/27/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/24/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/24/2015	ND	205	103	200	1.77	
<b>DRO &gt;C10-C28</b>	<b>447</b>	10.0	04/24/2015	ND	217	109	200	2.47	

Surrogate: 1-Chlorooctane 108 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

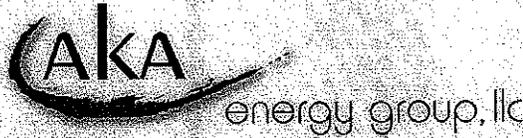


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Celey D. Keene, Lab Director/Quality Manager



Non-Hazardous Oil Field Waste Manifest



Manifest Number
66601

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	U' Cavaniss Lateral
Transporter Name	CJA Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

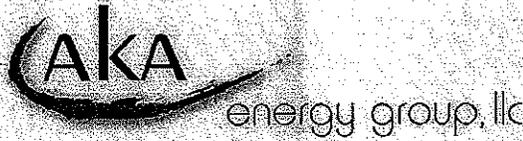
Other:	
Volume of Waste	12 yards
	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land	
Disposal Site Address		
Disposal Site Operator	Date	4-22-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 66602

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E.
Lease/Site	6 Cavaness Lateral
Transporter Name	C + A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

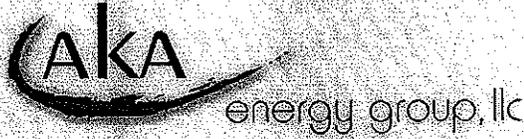
Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls
		<input type="checkbox"/> Lbs
		<input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land	
Disposal Site Address		
Disposal Site Operator	Date	4-22-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number No 66603
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Please print neatly when filling in information below.

I. Pick-up Location

Field Frontier Field Services / Harley E.
Lease/Site 6" Coverness Lateral
Transporter Name C & A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

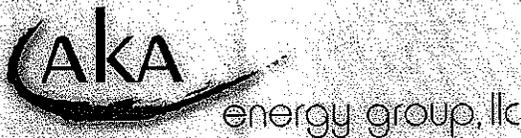
Other
Volume of Waste 12 yards
<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name Gandy's Farm Land	
Disposal Site Address	
Disposal Site Operator	Date 4-23-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
N2 66604

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services
Lease/Site	6" Cavanaugh Lateral
Transporter Name	Rocky Peak LLC

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil-Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other		
Volume of Waste	12 yds	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-22-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
NE 66605

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E.
Lease/Site	Cavaness 6" Lateral
Transporter Name	Triple M Trucking

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

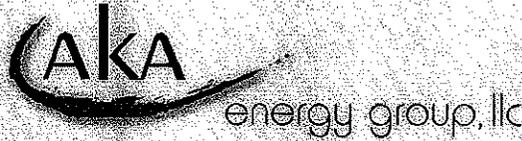
Other	
Volume of Waste	<input type="checkbox"/> Bbls
12 yards	<input type="checkbox"/> Lbs
	<input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Handy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-23-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 66606

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E.
Lease/Site	Caucuss 6" Lateral
Transporter Name	CAK Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

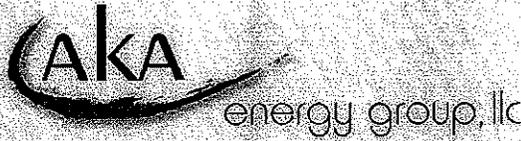
Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land	
Disposal Site Address		
Disposal Site Operator	Date	4-23-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
No 66607

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E.
Lease/Site	Caveness 6" Lateral
Transporter Name	C. A. Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land	
Disposal Site Address		
Disposal Site Operator	Date	4-23-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 86608

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Hardy, E.
Lease/Site	Cavaness 6" Lateral
Transporter Name	Triple M Trucking

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

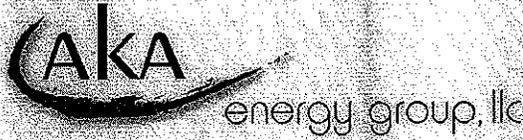
Other	
Volume of Waste	12 yards
	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> FR

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Hardy's Farm Land
Disposal Site Address	
Disposal Site Operator	Date
	4-23-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 66609

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	Coveness 6" Lateral
Transporter Name	Rocky Peak LLC

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

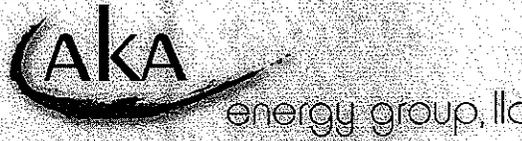
Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's
Disposal Site Address		
Disposal Site Operator	Date	4-23-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
66610

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	Cavaness 6" Lateral
Transporter Name	Triple M Trucking

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

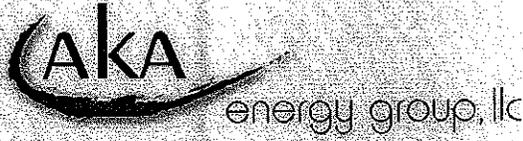
Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls <input type="checkbox"/> Cbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land	
Disposal Site Address		
Disposal Site Operator	Date	4-24-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
Nº 66611

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services
Lease/Site	Cavaniss 6" Lateral
Transporter Name	Triple M Trucking

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

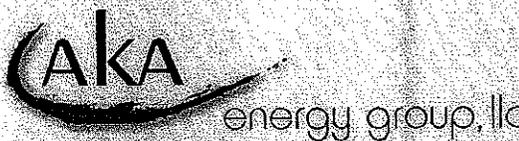
Other		
Volume of Waste	12 yards	<input type="checkbox"/> BBIs <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land	
Disposal Site Address		
Disposal Site Operator	Date	4-24-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
No 66612

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	Caviness 6" Lateral
Transporter Name	C & A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other	
Volume of Waste	12 yards
	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> FY

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-24-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
N2 86613

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	Coverness 6" Lateral
Transporter Name	C + A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

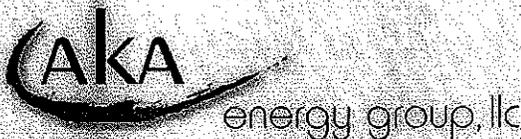
Other	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>
12 yards	

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Handy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-24-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
No. 66614

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	Cavaness 6" Lateral
Transporter Name	C & A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

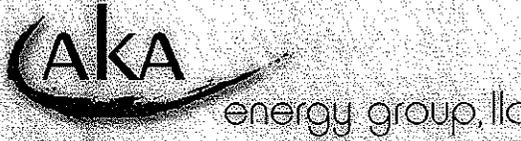
Other	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>
	12 yards

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		
Handy's Farm Land		
Disposal Site Address		
Disposal Site Operator	Date	
		4-24-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 88815

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Marley E.
Lease/Site	Caucness 6" Lateral
Transporter Name	Rocky Peck LLC.

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other	
Volume of Waste	<input type="checkbox"/> Bbls
12 yards	<input type="checkbox"/> Lbs
	<input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land
Disposal Site Address	
Disposal Site Operator	Date
	4-24-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
No 66616

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	Cavaness 6" Lateral
Transporter Name	Triple M Trucking

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

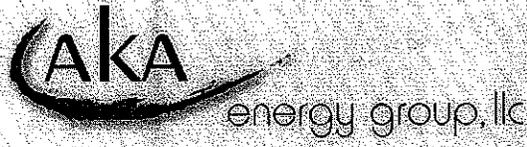
Other	
Volume of Waste	<input type="checkbox"/> Bbls
12 yards	<input type="checkbox"/> Lbs
	<input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land
Disposal Site Address	
Disposal Site Operator	Date
	4-27-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 66617

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E.
Lease/Site	Caviness 6" Lateral
Transporter Name	Triple M Trucking

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

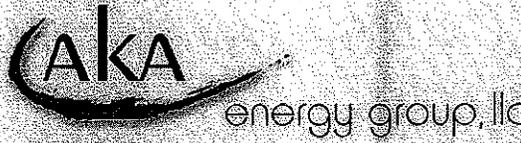
Other	
Volume of Waste	<input type="checkbox"/> Bbls
12 yards	<input type="checkbox"/> Lbs
	<input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-27-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number № 66618
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Please print neatly when filling in information below.

I. Pick-up Location

Field Frontier Field Services / Harley E
Lease/Site Caviness 6" Lateral
Transporter Name C & A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

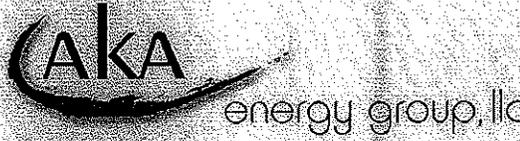
Other
Volume of Waste 12 yards
<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name Gandy's Farm Land	
Disposal Site Address	
Disposal Site Operator	Date 4-27-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 66619

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services
Lease/Site	Cavaness 6" Lateral
Transporter Name	Rocky Peak LLC

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>
12 yards	

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-27-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 66620

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services
Lease/Site	Caviness 6" Lateral
Transporter Name	C & A Martinec

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

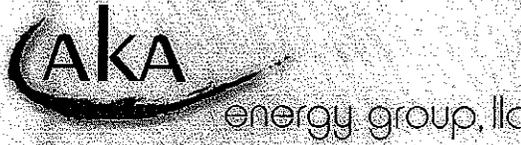
Other	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>
12 yards	

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land
Disposal Site Address	
Disposal Site Operator	Date
	4-27-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
NE 66621

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	Caviness 6" Lateral
Transporter Name	Triple M

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> FT <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-28-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
NO 66622

Please print neatly when filling in information below.

I. Pick-up Location

Field
Frontier Field Services
Lease/Site
Caveness 6" Lateral
Transporter Name
Triple M

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other
Volume of Waste
12 yards
<input type="checkbox"/> Bbls
<input type="checkbox"/> Lbs
<input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name
Gandy's Farm Land
Disposal Site Address
Disposal Site Operator
Date
4-28-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
No. 66623

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley
Lease/Site	Cavaness 6" Lateral
Transporter Name	C + A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

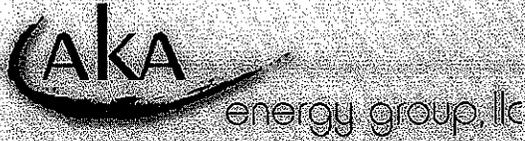
Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Gandy's Farm Land	
Disposal Site Address		
Disposal Site Operator	Date	4-28-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 66624

Please print neatly when filling in information below.

**I. Pick-up Location**

Field	Frontier Field Services / Harley E.
Lease/Site	Cavaniss 6" Lateral
Transporter Name	C & A Martinez

**II. Waste Description**

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Ebs <input type="checkbox"/> Ft <sup>3</sup>
12 yards	

**III. Destination**

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-28-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
No 66625

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley
Lease/Site	Caviness 6" Lateral
Transporter Name	C J A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

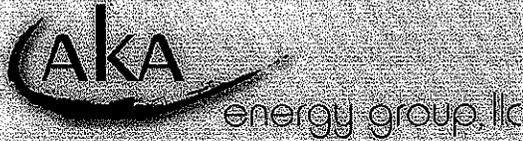
Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-28-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number	№ 66627
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Please print neatly when filling in information below.

**I. Pick-up Location**

Field	Frontier Field Services
Lease/Site	Cavaness 6" Lateral
Transporter Name	C + A Martinez

**II. Waste Description**

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other	
Volume of Waste	12 yards

- Bbls
- Lbs
- Ft<sup>3</sup>

**III. Destination**

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-29-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
NO 88628

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services
Lease/Site	Cavaness 6" Lateral
Transporter Name	C & A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

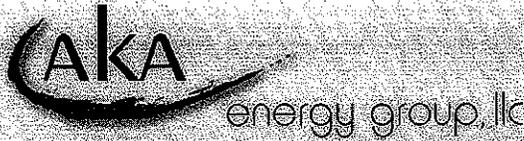
Other	
Volume of Waste	<input type="checkbox"/> Bbls
12 yards	<input type="checkbox"/> Lbs
	<input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name		Gandy's Farm Land
Disposal Site Address		
Disposal Site Operator	Date	4-29-15

Non-Hazardous Oil Field Waste Manifest



Manifest Number
№ 66629

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services
Lease/Site	Covoness 6" Lateral
Transporter Name	C + A Martinez

II. Waste Description

- Tank Bottoms
- 1 Produced Water
- 1 Crude Oil Contaminated Soil
- Drilling Fluids
- Workover Fluids
- Completion Fluids
- Produced Water Contaminated Soil

Other		
Volume of Waste	12 yards	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft <sup>3</sup>

III. Destination

- Operator Present
- No Operator Present

Disposal Site Name	Grandy's Farm Land
Disposal Site Address	
Disposal Site Operator	Date 4-29-15



**Release Notification and Corrective Action-Oil Conservation Division**

	<b>Name of Company:</b>	Frontier Field Services, LLC		<b>LOCATION OF RELEASE</b>								
	<b>Facility Name:</b>	Caviness Ranch 6" Lateral Pipeline		Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	<b>Surface Owner:</b>	BLM			28	18S	33E					Lea
	<b>RP #:</b>	3620	<b>Ini C-141:</b>	4/29/2015	<b>Remediation Completion:</b>		5/5/2015	<b>Sampling Date:</b>	4/23/2015	<b>Final C141 Date:</b>	5/18/2015	