

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

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	28	18S	33E					Lea

Latitude 32.772243900 N Longitude -103.66939550 W

NATURE OF RELEASE

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

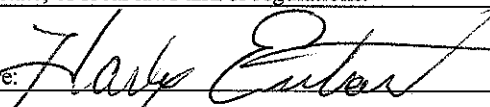

On 4/20/2015, which is the first business day following the release, Frontier made call(s) to NMOCD and to BLM. Excavation commenced to delineate and remove contaminated soils and to restore the integrity of the pipeline.

Describe Area Affected and Cleanup Action Taken.*

RP# 3620

Approximate 336 yd³ 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: 	OIL CONSERVATION DIVISION	
Printed Name: Harley Everhart	Approved by Environmental Specialist: 	
Title: EHS Technician III	Approval Date: 05/21/2015	Expiration Date: //
E-mail Address: heverhart@akaenergy.com	Conditions of Approval: //	Attached <input type="checkbox"/> 1RP-3620
Date: 5/18/2015	Phone: 575-513-4922	

RECEIVED

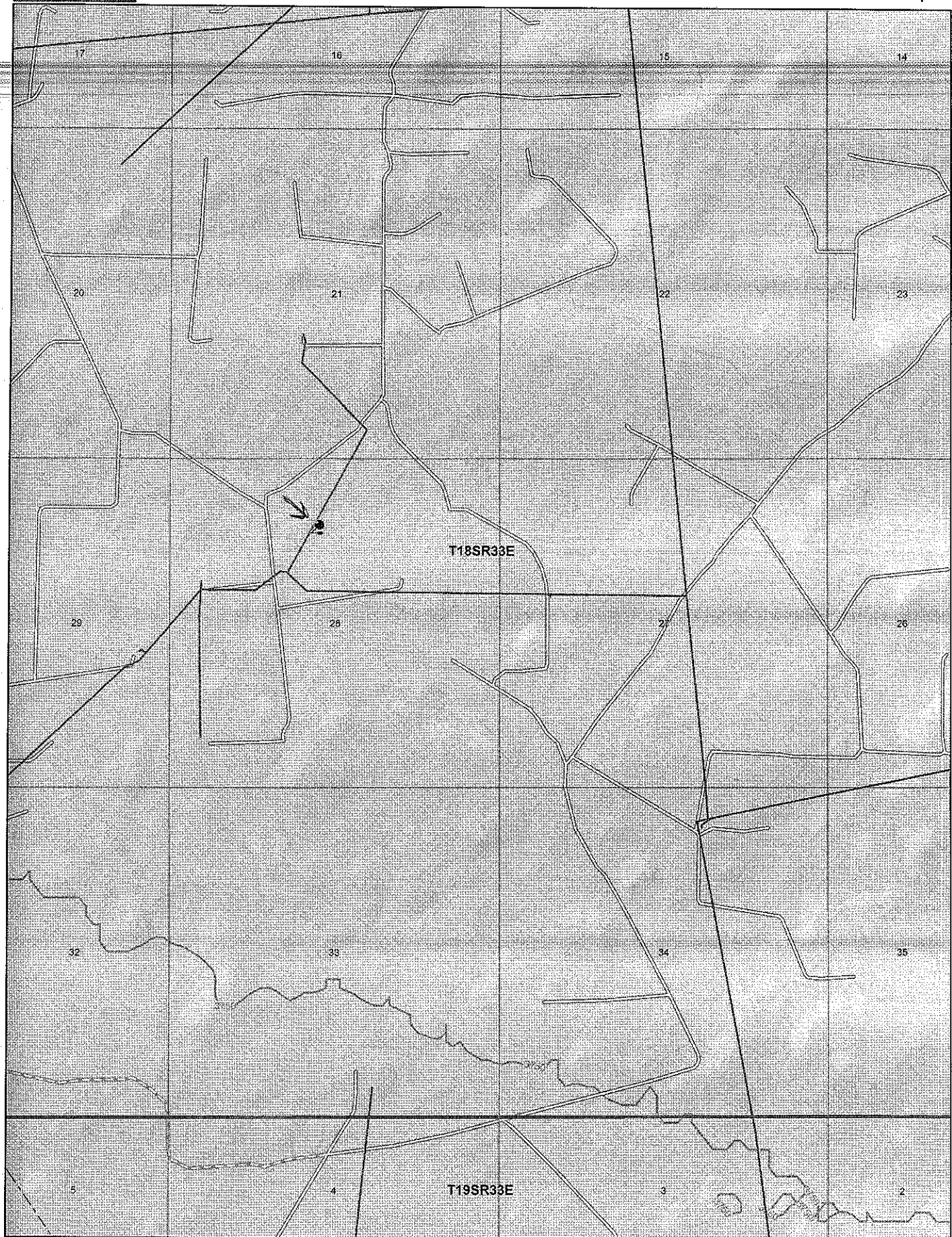
By OCD District 1 at 2:04 pm, May 21, 2015

*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



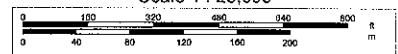
Data use subject to license.

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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

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

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)

BTX 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	
Toluene*	0.130	0.050	04/24/2015	ND	1.88	93.9	2.00	0.287	
Ethylbenzene*	0.252	0.050	04/24/2015	ND	1.76	88.2	2.00	0.848	
Total Xylenes*	0.445	0.150	04/24/2015	ND	5.65	94.1	6.00	1.11	
Total BTX	0.827	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
GRO C6-C10	20.3	10.0	04/24/2015	ND	205	103	200	1.77	
DRO >C10-C28	1670	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	
Toluene*	0.059	0.050	04/27/2015	ND	1.97	98.7	2.00	0.692	
Ethylbenzene*	0.179	0.050	04/27/2015	ND	1.87	93.5	2.00	0.124	
Total Xylenes*	0.341	0.150	04/27/2015	ND	6.03	101	6.00	0.310	
Total BTEX	0.579	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
GRO C6-C10	24.9	10.0	04/24/2015	ND	205	103	200	1.77	
DRO >C10-C28	1090	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

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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)

BTX 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	
Ethylbenzene*	0.077	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 BTX	<0.300	0.300	04/27/2015	ND					

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

Chloride, SM4500CI-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	
DRO >C10-C28	447	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

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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



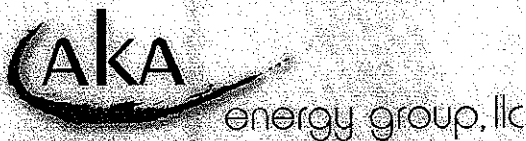
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

[illegible]

Non-Hazardous Oil Field Waste Manifest



Manifest Number
NS 66601

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E
Lease/Site	6" Cavaniss 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 ³
	12 yards

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 ³

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

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Harley E.
Lease/Site	6" Coveness 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 ³
	12 yards

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" Caveness 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

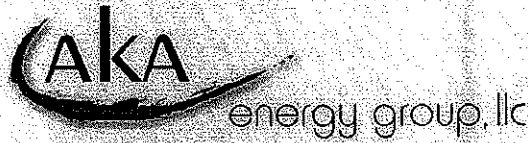
Other	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³
	12 yds

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
12 yards

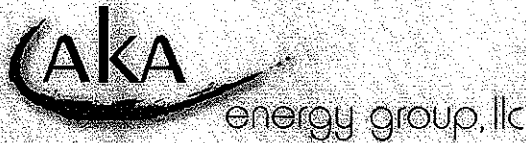
☐ Bbls
☐ Lbs
☐ Ft³

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	Cavaness 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

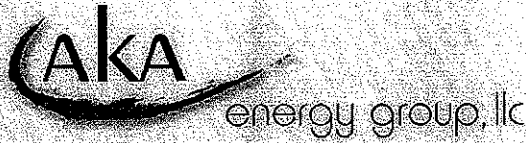
☐ Bbls
☐ Lbs
☐ Ft³

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 ³

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 66608

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

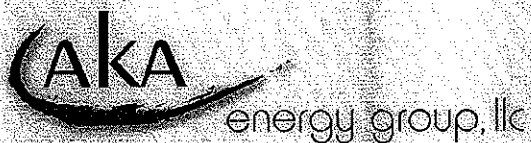
☐ Bbls
☐ Lbs
☐ Ft³

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 66609

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	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

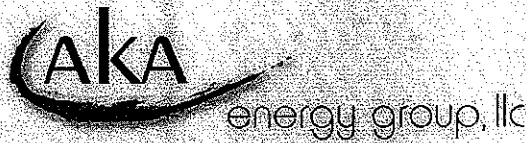
Other	
Volume of Waste	12 yards
	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³

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	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³

12 yards

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	<input type="checkbox"/> BBls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³ 12 yards

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	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> FY

12 yards

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	Coveness 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

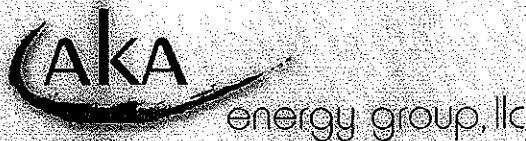
☐ Bbls
☐ Lbs
☐ Ft³

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	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

- ☐ Bbls
☐ Lbs
☐ Ft³

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 86615

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services / Hardey 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				
<table> <tr> <td>Volume of Waste</td> <td> <input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft³ </td> </tr> <tr> <td>12 yards</td> <td></td> </tr> </table>	Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft³	12 yards	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft³			
12 yards				

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 <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³

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
No 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 <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³
	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
Nº 66618

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	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³
	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
NO 66619

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services
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

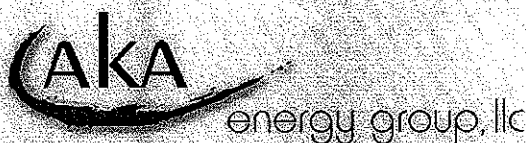
Other	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³
	12 yards

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 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 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
☐ Ft³

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

N2 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

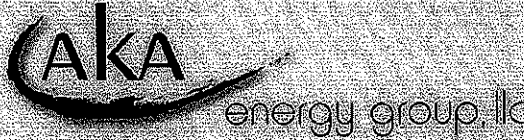
☐ Bbls
☐ Lbs
☐ Ft³

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 ³

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

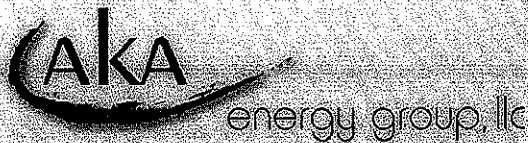
Other	
Volume of Waste	12 yards
	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³

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 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"/> Lbs <input type="checkbox"/> Ft ³

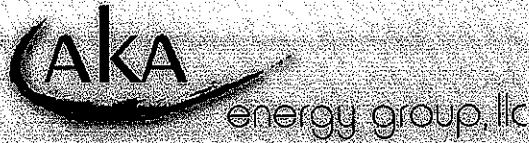
12 yards

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 & 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

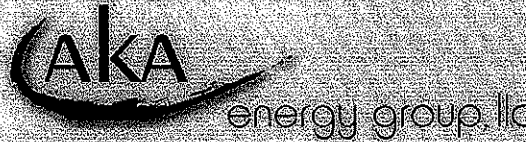
Other	
Volume of Waste	<input type="checkbox"/> Bbls <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³
	12 yards

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 66627

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 <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³

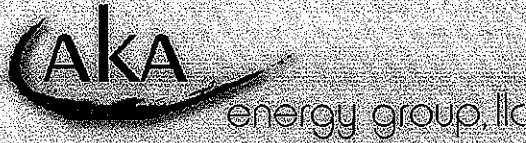
12 yards

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

N2 66628

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 <input type="checkbox"/> Lbs <input type="checkbox"/> Ft ³

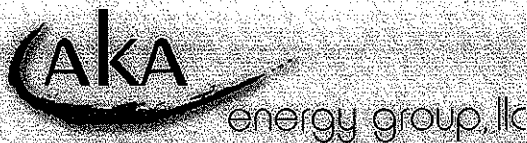
12 yards

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
NS 66629

Please print neatly when filling in information below.

I. Pick-up Location

Field	Frontier Field Services
Lease/Site	Coveness 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
☐ Ft³

III. Destination

- ☐ Operator Present
☒ No Operator Present

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



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