

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

JAN 26 2016

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 Enervest Operating	Contact Michael Dame HSE Associate
Address 2700 Farmington Ave Building K, Suite #1	Telephone No. 505-325-0318
Facility Name Jicarilla A #007F	Facility Type Oil & Gas Production

Surface Owner Jicarilla Tribe	Mineral Owner Jicarilla Tribe	API No. 30-039-31171
-------------------------------	-------------------------------	----------------------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	17	26N	5W					Rio Arriba

Latitude N. 36.49256 Longitude W -107.38475

**NATURE OF RELEASE**

Type of Release - None	Volume of Release - None	Volume Recovered - None
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

The contaminated soil was removed and taken to TNT Land Farm. Soil that was around location was used to back fill the area. A five point composite sample was collect from the excavation and submitted to Envirotech Analytical Laboratory for analysis.

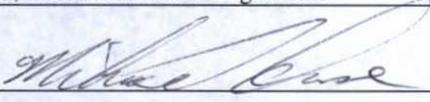
The results are:

Benzene - Non Detect (EPA Method 8021)  
BTEX - Non Detect mg/kg (EPA Method 8021)  
GRO/DRO -Non Detect /kg (EPA 8015)  
Total Petroleum Hydrocarbons - 92.0 mg/kg (EPA Method 418.1)  
Chloride -Non Detect (EPA Method 300.0)

Describe Area Affected and Cleanup Action Taken.\*

After all the contaminated soil was taken off location to a local land farm. We were able to do a 5 point soil sample. After the soil sample results passed inspection, the hole that was dug was covered back up as per NMOCD regulations and the Jicarilla Tribal EPOC's permission.

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: Michael Dame	Approved by Environmental Specialist: 	
Title: HSE Associate	Approval Date: <u>1/27/2016</u>	Expiration Date:
E-mail Address: mdame@enervest.net	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8-24-2015 Phone: 505-325-0318		

NCS 1521552884



\* Attach Additional Sheets If Necessary

## Analytical Report

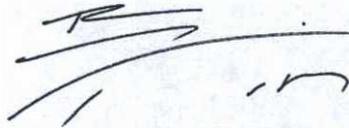
### Report Summary

Client: Enervest Operating  
Chain Of Custody Number:  
Samples Received: 7/24/2015 2:18:00PM  
Job Number: 05123-0002  
Work Order: P507073  
Project Name/Location: Jicarilla A7F

OIL CONS. DIV DIST. 3

JAN 26 2016

Entire Report Reviewed By:



Date: 7/29/15

Tim Cain, Laboratory Manager

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.

Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jicarilla A7F Project Number: 05123-0002 Project Manager: Mike Dame	<b>Reported:</b> 29-Jul-15 17:14
--	---	-------------------------------------

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Jicarilla A7F	P507073-01A	Soil	07/24/15	07/24/15	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Enverest Operating  
2700 Farmington Ave.  
Farmington NM, 87401

Project Name: Jicarilla A7F  
Project Number: 05123-0002  
Project Manager: Mike Dame

Reported:  
29-Jul-15 17:14

**Jicarilla A7F**  
**P507073-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1531006	07/27/15	07/28/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1531006	07/27/15	07/28/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1531006	07/27/15	07/28/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1531006	07/27/15	07/28/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1531006	07/27/15	07/28/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1531006	07/27/15	07/28/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1531006	07/27/15	07/28/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %		50-150	1531006	07/27/15	07/28/15	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1531006	07/27/15	07/28/15	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1531005	07/27/15	07/28/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		68.4 %		50-200	1531005	07/27/15	07/28/15	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		97.6 %		50-150	1531006	07/27/15	07/28/15	EPA 8015D	
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	92.0	35.0	mg/kg	1	1531009	07/28/15	07/28/15	EPA 418.1	
<b>Cation/Anion Analysis</b>									
Chloride	ND	10.0	mg/kg	1	1531004	07/27/15	07/29/15	EPA 300.0	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Enervest Operating  
2700 Farmington Ave.  
Farmington NM, 87401

Project Name: Jicarilla A7F  
Project Number: 05123-0002  
Project Manager: Mike Dame

Reported:  
29-Jul-15 17:14

**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 1531006 - Purge and Trap EPA 5030A**

**Blank (1531006-BLK1)**

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

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	0.320		"	0.320		100	50-150			

**LCS (1531006-BS1)**

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.7	0.10	mg/kg	20.0		108	75-125			
Toluene	21.7	0.10	"	20.0		109	70-125			
Ethylbenzene	22.0	0.10	"	20.0		110	75-125			
p,m-Xylene	44.2	0.20	"	40.0		110	80-125			
o-Xylene	21.6	0.10	"	20.0		108	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.321		"	0.320		100	50-150			

**Matrix Spike (1531006-MS1)**

Source: P507073-01

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.6	0.10	mg/kg	20.0	ND	108	75-125			
Toluene	21.7	0.10	"	20.0	ND	109	70-125			
Ethylbenzene	22.1	0.10	"	20.0	ND	111	75-125			
p,m-Xylene	44.2	0.20	"	39.9	ND	111	80-125			
o-Xylene	21.7	0.10	"	20.0	ND	108	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.321		"	0.320		101	50-150			

**Matrix Spike Dup (1531006-MSD1)**

Source: P507073-01

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.3	0.10	mg/kg	20.0	ND	107	75-125	1.51	15	
Toluene	21.4	0.10	"	20.0	ND	107	70-125	1.59	15	
Ethylbenzene	21.7	0.10	"	20.0	ND	109	75-125	1.59	15	
p,m-Xylene	43.5	0.20	"	40.0	ND	109	80-125	1.59	15	
o-Xylene	21.3	0.10	"	20.0	ND	107	75-125	1.61	15	
Surrogate: 4-Bromochlorobenzene-PID	0.323		"	0.320		101	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Enervest Operating  
2700 Farmington Ave.  
Farmington NM, 87401

Project Name: Jicarilla A7F  
Project Number: 05123-0002  
Project Manager: Mike Dame

Reported:  
29-Jul-15 17:14

**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
<b>Batch 1531005 - DRO Extraction EPA 3550M</b>										
<b>Blank (1531005-BLK1)</b>				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: <i>o</i> -Terphenyl	42.7		"	40.0		107	50-200			
<b>LCS (1531005-BS1)</b>				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Diesel Range Organics (C10-C28)	528	25.0	mg/kg	500		106	38-132			
Surrogate: <i>o</i> -Terphenyl	43.3		"	40.0		108	50-200			
<b>Matrix Spike (1531005-MS1)</b>				Source: P507073-01		Prepared: 27-Jul-15 Analyzed: 28-Jul-15				
Diesel Range Organics (C10-C28)	397	25.0	mg/kg	500	ND	79.4	38-132			
Surrogate: <i>o</i> -Terphenyl	31.6		"	40.0		79.0	50-200			
<b>Matrix Spike Dup (1531005-MSD1)</b>				Source: P507073-01		Prepared: 27-Jul-15 Analyzed: 28-Jul-15				
Diesel Range Organics (C10-C28)	396	25.0	mg/kg	500	ND	79.2	38-132	0.184	20	
Surrogate: <i>o</i> -Terphenyl	32.0		"	40.0		79.9	50-200			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jicarilla A7F Project Number: 05123-0002 Project Manager: Mike Dame	<b>Reported:</b> 29-Jul-15 17:14
--	---	-------------------------------------

**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 1531006 - Purge and Trap EPA 5030A**

<b>Blank (1531006-BLK1)</b>		Prepared: 27-Jul-15 Analyzed: 28-Jul-15								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.312		"	0.320		97.4	50-150			
<b>LCS (1531006-BS1)</b>		Prepared: 27-Jul-15 Analyzed: 28-Jul-15								
Gasoline Range Organics (C6-C10)	471	20.0	mg/kg	449		105	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.313		"	0.320		97.7	50-150			
<b>Matrix Spike (1531006-MS1)</b>		<b>Source: P507073-01</b>		Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Gasoline Range Organics (C6-C10)	472	20.0	mg/kg	449	ND	105	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.313		"	0.320		97.9	50-150			
<b>Matrix Spike Dup (1531006-MSD1)</b>		<b>Source: P507073-01</b>		Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Gasoline Range Organics (C6-C10)	464	20.0	mg/kg	449	ND	103	75-125	1.74	15	
Surrogate: 4-Bromochlorobenzene-FID	0.314		"	0.320		98.1	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jicarilla A7F Project Number: 05123-0002 Project Manager: Mike Dame	<b>Reported:</b> 29-Jul-15 17:14
--	---	-------------------------------------

**Total Petroleum Hydrocarbons by 418.1 - Quality Control**

**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1531009 - 418 Freon Extraction</b>										
<b>Blank (1531009-BLK1)</b>										
Total Petroleum Hydrocarbons	ND	35.0	mg/kg							Prepared & Analyzed: 28-Jul-15
<b>Duplicate (1531009-DUP1)</b>										
Total Petroleum Hydrocarbons	ND	35.0	mg/kg		ND				30	Source: P507070-01 Prepared & Analyzed: 28-Jul-15
<b>Matrix Spike (1531009-MS1)</b>										
Total Petroleum Hydrocarbons	1890	35.0	mg/kg	2030	ND	93.3	80-120			Source: P507070-01 Prepared & Analyzed: 28-Jul-15

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jicarilla A7F Project Number: 05123-0002 Project Manager: Mike Dame	<b>Reported:</b> 29-Jul-15 17:14
--	---	-------------------------------------

**Cation/Anion Analysis - Quality Control**  
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1531004 - Anion Extraction EPA 300.0</b>										
<b>Blank (1531004-BLK1)</b>										
Chloride	ND	9.94	mg/kg							Prepared: 27-Jul-15 Analyzed: 29-Jul-15
<b>LCS (1531004-BS1)</b>										
Chloride	457	9.98	mg/kg	499		91.5	90-110			Prepared: 27-Jul-15 Analyzed: 29-Jul-15
<b>Matrix Spike (1531004-MS1)</b>										
Chloride	640	9.87	mg/kg	493	163	96.7	80-120			Source: P507070-01 Prepared: 27-Jul-15 Analyzed: 29-Jul-15
<b>Matrix Spike Dup (1531004-MSD1)</b>										
Chloride	648	9.99	mg/kg	499	163	97.2	80-120	1.32	20	Source: P507070-01 Prepared: 27-Jul-15 Analyzed: 29-Jul-15

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Enervest Operating  
2700 Farmington Ave.  
Farmington NM, 87401

Project Name: Jicarilla A7F  
Project Number: 05123-0002  
Project Manager: Mike Dame

**Reported:**  
29-Jul-15 17:14

### 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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.