

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

30-039-23482

**OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company: Enervest Operating LLC	Contact: Lee Gardner
Address: 2700 Farmington Ave Bldg K Suite 1 Farmington NM 87401	Telephone No.: 505-325-0318
Facility Name: Jicarilla Tribal 396 Well No 8	Facility Type: Gas production well

Surface Owner: Jicarilla Apache Nation	Mineral Owner: Jicarilla Apache Nation	Lease No. 396
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**LOCATION OF RELEASE**

Unit Letter K	Section 17	Township 23N	Range 3W	Feet from the 2060	North/South Line South	Feet from the 1820	East/West Line West	County Rio Arriba
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Latitude N 36.22218\_ Longitude W 107.19167\_\_

**NATURE OF RELEASE**

Type of Release Oil/Water Release	Volume of Release 160 BBL	Volume Recovered 40 BBL
Source of Release Frozen water valve on 400 bbl storage tank	Date and Hour of Occurrence 12-13-2012, 16:00 HR	Date and Hour of Discovery 12-13-2012 16:00 HR
Was Immediate Notice Given? X <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
By Whom? William Julian - Production Foreman	Date and Hour 11:00 HR 12-14-2012	
Was a Watercourse Reached? <input type="checkbox"/> Yes X <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* Not Applicable		

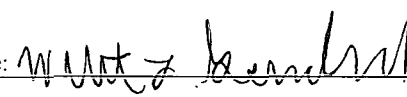
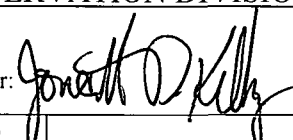
OIL CONS. DIV DIST. 3

AUG 12 2013

Describe Cause of Problem and Remedial Action Taken.\* Water valve on storage tank froze and broke

Describe Area Affected and Cleanup Action Taken.\*  
Approximately 160 BBL of water and oil were released into the spill containment area. The liquid topped the containment and flowed approximately 175 yards off site. The free liquid was collected. The impacted area off site has been scrapped and the contaminated soil stockpiled on site for transport to an approved land farm.  
UP DATE - 4-29-2013: Hauled approximately 620 yards of impacted soil to T-N-T land farm. Tested the pit for TPH, BTEX and Chlorides. The soil sampling was witnessed by the Jicarilla Tribal Environmental Officer. Upon tribal approval of the test results, (see attachment) the excavation was back filled with soil from a nearby borrow site. The surface production facilities were re-build away from the impacted site.

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: Wilbert L Gardner		Approved by District Supervisor: 	
Title: Sr HSE Specialist		Approval Date: 9/18/2013	Expiration Date:
E-mail Address: wgardner@enervest.net		Conditions of Approval:	
Date 4-29-2013 Phone: 505-325-0318 ext 13		Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

NJK1326153306



ENERVEST

September 11, 2013

RCVD SEP 13 '13  
OIL CONS. DIV.  
DIST. 3

Jonathan Kelly  
Deputy Oil & Gas Inspector  
State Of New Mexico  
Oil Conservation Division  
1000 Rio Brazos RD  
Aztec, New Mexico 87410

Re: Sample Results for the Jicarilla Tribal 396-8 Release

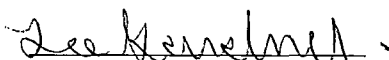
Dear Mr. Kelly:

Attached is a copy of the soil test results for the Jicarilla Tribal 396-8 (API# 30-039-23482).

The final C-141 for this event was filed on August 12, 2013.

If you have any question please contact me that telephone number listed below.

Thank you.

  
Lee Gardner CSP CHMM  
Sr. HSE Specialist.



RCVD SEP 13 '13  
OIL CONS. DIV.  
DIST. 3

## Analytical Report

### Report Summary

Client: Enervest Operating  
Chain Of Custody Number: 14299  
Samples Received: 3/28/2013 3:42:00PM  
Job Number: 05123-0002  
Work Order: P303105  
Project Name/Location: 396 #8 Spill Clean Up

Entire Report Reviewed By:

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

Tim Cain, Laboratory Manager

Date: 4/2/13

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: 396 #8 Spill Clean Up  
Project Number: 05123-0002  
Project Manager: W Gardner

**Reported:**  
02-Apr-13 16:16

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
396 #8	P303105-01A	Soil	03/28/13	03/28/13	Glass Jar, 4 oz.

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





Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: 396 #8 Spill Clean Up Project Number: 05123-0002 Project Manager: W Gardner	Reported: 02-Apr-13 16:16
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**396 #8**  
**P303105-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	50.0	ug/L	1	1314002	01-Apr-13	01-Apr-13	EPA 8021B	
Toluene	ND	50.0	ug/L	1	1314002	01-Apr-13	01-Apr-13	EPA 8021B	
Ethylbenzene	ND	50.0	ug/L	1	1314002	01-Apr-13	01-Apr-13	EPA 8021B	
p,m-Xylene	ND	50.0	ug/L	1	1314002	01-Apr-13	01-Apr-13	EPA 8021B	
o-Xylene	ND	50.0	ug/L	1	1314002	01-Apr-13	01-Apr-13	EPA 8021B	
Total BTEX	ND	50.0	ug/L	1	1314002	01-Apr-13	01-Apr-13	EPA 8021B	
Surrogate: Bromochlorobenzene		98.9 %	80-120		1314002	01-Apr-13	01-Apr-13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.9 %	80-120		1314002	01-Apr-13	01-Apr-13	EPA 8021B	
Surrogate: Fluorobenzene		89.9 %	80-120		1314002	01-Apr-13	01-Apr-13	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1	1314001	01-Apr-13	01-Apr-13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	5.00	mg/kg	1	1314001	01-Apr-13	01-Apr-13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.00	mg/kg	1	1314001	01-Apr-13	01-Apr-13	EPA 8015D	
<b>Cation/Anion Analysis</b>									
Chloride	74.8	1.00	mg/kg	1	1314003	01-Apr-13	01-Apr-13	EPA 300.0	

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: 396 #8 Spill Clean Up Project Number: 05123-0002 Project Manager: W Gardner	Reported: 02-Apr-13 16:16
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### 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 1314002 - Purge and Trap EPA 5030A

<b>Blank (1314002-BLK1)</b>				Prepared & Analyzed: 01-Apr-13						
Benzene	ND	50.0	ug/L							
Toluene	ND	50.0	"							
Ethylbenzene	ND	50.0	"							
p,m-Xylene	ND	50.0	"							
o-Xylene	ND	50.0	"							
Total BTEX	ND	50.0	"							
Surrogate: Bromochlorobenzene	49.1		"	50.0		98.2	80-120			
Surrogate: 1,4-Difluorobenzene	45.5		"	50.0		90.9	80-120			
Surrogate: Fluorobenzene	45.0		"	50.0		90.0	80-120			

<b>Duplicate (1314002-DUP1)</b>				Source: P303105-01		Prepared & Analyzed: 01-Apr-13				
Benzene	ND	50.0	ug/L		ND				30	
Toluene	ND	50.0	"		ND				30	
Ethylbenzene	ND	50.0	"		ND				30	
p,m-Xylene	ND	50.0	"		ND				30	
o-Xylene	ND	50.0	"		ND				30	
Surrogate: Bromochlorobenzene	50.2		"	50.0		100	80-120			
Surrogate: 1,4-Difluorobenzene	48.2		"	50.0		96.4	80-120			
Surrogate: Fluorobenzene	47.7		"	50.0		95.4	80-120			

<b>Matrix Spike (1314002-MS1)</b>				Source: P303105-01		Prepared: 01-Apr-13 Analyzed: 02-Apr-13				
Benzene	50.6		ug/L	50.0	0.19	101	39-150			
Toluene	49.9		"	50.0	0.52	98.7	46-148			
Ethylbenzene	49.5		"	50.0	0.10	98.9	32-160			
p,m-Xylene	99.4		"	100	0.37	99.1	46-148			
o-Xylene	50.7		"	50.0	0.40	101	46-148			
Surrogate: Bromochlorobenzene	54.5		"	50.0		109	80-120			
Surrogate: 1,4-Difluorobenzene	51.7		"	50.0		103	80-120			
Surrogate: Fluorobenzene	51.8		"	50.0		104	80-120			

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: 396 #8 Spill Clean Up Project Number: 05123-0002 Project Manager: W Gardner	Reported: 02-Apr-13 16:16
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### 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
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#### Batch 1314001 - GRO/DRO Extraction EPA 3550C

##### Blank (1314001-BLK1)

Prepared & Analyzed: 01-Apr-13

Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg
Diesel Range Organics (C10-C28)	ND	5.00	"
GRO and DRO Combined Fractions	ND	5.00	"

##### Duplicate (1314001-DUP1)

Source: P303105-01

Prepared & Analyzed: 01-Apr-13

Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	ND	30
Diesel Range Organics (C10-C28)	ND	5.00	"	ND	30

##### Matrix Spike (1314001-MS1)

Source: P303105-01

Prepared & Analyzed: 01-Apr-13

Gasoline Range Organics (C6-C10)	246	mg/L	250	0.26	98.1	75-125
Diesel Range Organics (C10-C28)	250	"	250	0.61	99.9	75-125

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Enervest Operating	Project Name:	396 #8 Spill Clean Up	Reported: 02-Apr-13 16:16
2700 Farmington Ave.	Project Number:	05123-0002	
Farmington NM, 87401	Project Manager:	W Gardner	

**Cation/Anion Analysis - 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 1314003 - Anion Extraction EPA 300.0**

**Blank (1314003-BLK1)**

Prepared & Analyzed: 01-Apr-13

Chloride	ND	1.00	mg/kg
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**Duplicate (1314003-DUP1)**

Source: P303105-01

Prepared & Analyzed: 01-Apr-13

Chloride	74.8	1.00	mg/kg	74.8	0.00648	30
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Enervest Operating  
2700 Farmington Ave.  
Farmington NM, 87401

Project Name: 396 #8 Spill Clean Up  
Project Number: 05123-0002  
Project Manager: W Gardner

**Reported:**  
02-Apr-13 16:16

#### 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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# CHAIN OF CUSTODY RECORD

14299

Page 8 of 8

Client: <u>ENERVEST</u>			Project Name / Location: <u>396 #8 SPILL CLEAN UP</u>			ANALYSIS / PARAMETERS															
Email results to: <u>WGARDNER@ENERVEST</u>			Sampler Name: <u>LEE GARDNER</u>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	FCl	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE				Sample Cool	Sample Intact	
Client Phone No.: <u>505-320-7424</u>			Client No.: <u>05123-0002</u>																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative																
					HgCl <sub>2</sub>	HCl															
<u>396 #8</u>	<u>3/26/13</u>	<u>11:30</u>	<u>P303105-01</u>	<u>11</u>	<u>4.02</u>																
Relinquished by: (Signature) <u>[Signature]</u>				Date <u>3/26/13</u>	Time <u>3:42 PM</u>	Received by: (Signature) <u>[Signature]</u>				Date <u>3/26/13</u>	Time <u>3:42 PM</u>										
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time										
Sample Matrix Solid <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																					
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																					



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