

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 Enervest Operating LLC	Contact Lee Gardner	
Address: 2700 Farmington Ave, Bld K, Suite #1 Farmington NM 87401	Telephone No. 505-325-0318	
Facility Name: Jicarilla Apache 102-30	Facility Type: Gas Well	
Surface Owner Jicarilla Apache Nation	Mineral Owner Jicarilla Apache Nation	API No. 30-039-21582

LOCATION OF RELEASE

Unit Letter G	Section 10	Township 26N	Range 4W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude N 36.50346 Longitude W 107.23460

NATURE OF RELEASE

Type of Release Condensate/ Produced Water	Volume of Release 100 BBL	Volume Recovered 10 BBL
Source of Release: Frozen water drain valve	Date and Hour of Occurrence 2-14-14 Unknown	Date and Hour of Discovery 2-17-14 08:00
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.	

RCVD MAR 12 '14

OIL CONS. DIV.
DIST. 3

If a Watercourse was Impacted, Describe Fully.*

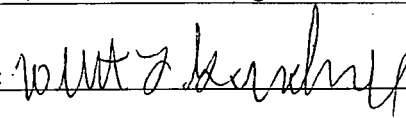
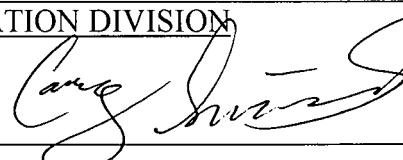
Describe Cause of Problem and Remedial Action Taken.*

The water drain valve frozen and cracked open allowing approximately 100 bbl. of condensate and produced water to leaking into the ground. The tank was drained utilizing a vacuum truck. The valve was replaced.

Describe Area Affected and Cleanup Action Taken.*

The vacuum truck cleaned up any free liquids inside the containment wall. The storage tank was removed from the impacted area. The impacted soil under the storage tank was excavated for disposal. Approximately 900 cubic yards of impacted soil was transported to T-N-T Land Farm for disposal. Replacement soil was obtained from a nearby pond per Jicarilla Apache Tribal Environmental Protection Officer instructions. The site was tested for BTEX, GRO/DRO, Chlorides and Total Petroleum Hydrocarbons. The laboratory analysis is attached.

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 Environmental Specialist: 	
Title: Sr HSE Specialist	Approval Date:	Expiration Date:
E-mail Address: Wgardner@enervest.net	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3-12-2014	Phone: 505-325-0318	

Incident # NCS 1410652223 12



Analytical Report

Report Summary

Client: Enervest Operating
Chain Of Custody Number: 15795
Samples Received: 2/25/2014 2:25:00PM
Job Number: 05123-0002
Work Order: P402083
Project Name/Location: Jic 102 #30

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: 3/5/14

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: Jic 102 #30
Project Number: 05123-0002
Project Manager: W Gardner

Reported:
05-Mar-14 15:25

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
5 Point Banks & Floor	P402083-01A	Soil	02/25/14	02/25/14	Glass Jar, 4 oz.
4 Point Floor	P402083-02A	Soil	02/25/14	02/25/14	Glass Jar, 4 oz.

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Enervest Operating
2700 Farmington Ave.
Farmington NM, 87401

Project Name: Jic 102 #30
Project Number: 05123-0002
Project Manager: W Gardner

Reported:
05-Mar-14 15:25

5 Point Banks & Floor
P402083-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		97.0 %		80-120	1409012	02/26/14	03/05/14	EPA 8021B	
Surrogate: Bromochlorobenzene		103 %		80-120	1409012	02/26/14	03/05/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg	1	1409013	02/26/14	02/27/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	39.9	19.9	mg/kg	1	1410010	03/04/14	03/04/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	37.5	9.96	mg/kg	1	1410009	03/04/14	03/04/14	EPA 300.0	

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jic 102 #30 Project Number: 05123-0002 Project Manager: W Gardner	Reported: 05-Mar-14 15:25
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4 Point Floor
P402083-02 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8021B	
Surrogate: 1,3-Dichlorobenzene		94.9 %		80-120	1409012	02/26/14	03/05/14	EPA 8021B	
Surrogate: Bromochlorobenzene		107 %		80-120	1409012	02/26/14	03/05/14	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	4.98	mg/kg	1	1409012	02/26/14	03/05/14	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	29.9	mg/kg	1	1409013	02/26/14	02/27/14	EPA 8015D	
Total Petroleum Hydrocarbons by 418.1									
Total Petroleum Hydrocarbons	27.9	20.0	mg/kg	1	1410010	03/04/14	03/04/14	EPA 418.1	
Cation/Anion Analysis									
Chloride	27.8	9.83	mg/kg	1	1410009	03/04/14	03/04/14	EPA 300.0	

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Farmington NM, 87401

Project Name: Jic 102 #30
Project Number: 05123-0002
Project Manager: W Gardner

Reported:
05-Mar-14 15:25

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 1409012 - Purge and Trap EPA 5030A

Blank (1409012-BLK1)

Prepared: 26-Feb-14 Analyzed: 27-Feb-14

Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.05	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
Surrogate: 1,3-Dichlorobenzene	50.0		ug/L	50.0		99.9	80-120			
Surrogate: Bromochlorobenzene	51.7		"	50.0		103	80-120			

Duplicate (1409012-DUP1)

Source: P402091-01

Prepared: 26-Feb-14 Analyzed: 27-Feb-14

Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	ND	0.05	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: 1,3-Dichlorobenzene	52.8		ug/L	50.0		106	80-120			
Surrogate: Bromochlorobenzene	56.8		"	50.0		114	80-120			

Matrix Spike (1409012-MS1)

Source: P402091-01

Prepared: 26-Feb-14 Analyzed: 27-Feb-14

Benzene	49.0		ug/L	50.0	ND	97.9	39-150			
Toluene	48.7		"	50.0	ND	97.5	46-148			
Ethylbenzene	49.0		"	50.0	ND	98.0	32-160			
p,m-Xylene	98.5		"	100	ND	98.5	46-148			
o-Xylene	49.7		"	50.0	ND	99.4	46-148			
Surrogate: 1,3-Dichlorobenzene	50.0		"	50.0		100	80-120			
Surrogate: Bromochlorobenzene	53.9		"	50.0		108	80-120			

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401	Project Name: Jic 102 #30 Project Number: 05123-0002 Project Manager: W Gardner	Reported: 05-Mar-14 15:25
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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
Batch 1409012 - Purge and Trap EPA 5030A										
Blank (1409012-BLK1)					Prepared: 26-Feb-14 Analyzed: 27-Feb-14					
Gasoline Range Organics (C6-C10)	ND	4.98	mg/kg							
Duplicate (1409012-DUP1)					Source: P402091-01 Prepared: 26-Feb-14 Analyzed: 27-Feb-14					
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg		ND				30	
Matrix Spike (1409012-MS1)					Source: P402091-01 Prepared: 26-Feb-14 Analyzed: 27-Feb-14					
Gasoline Range Organics (C6-C10)	0.45		mg/L	0.450	ND	99.1	75-125			

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Enervest Operating 2700 Farmington Ave. Farmington NM, 87401.	Project Name: Jic 102 #30 Project Number: 05123-0002 Project Manager: W Gardner	Reported: 05-Mar-14 15:25
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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
Batch 1409013 - DRO Extraction EPA 3550C										
Blank (1409013-BLK1)				Prepared & Analyzed: 26-Feb-14						
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg							
Duplicate (1409013-DUP1)				Source: P402091-01 Prepared & Analyzed: 26-Feb-14						
Diesel Range Organics (C10-C28)	75.1	30.0	mg/kg		97.9			26.4	30	
Matrix Spike (1409013-MS1)				Source: P402091-01 Prepared & Analyzed: 26-Feb-14						
Diesel Range Organics (C10-C28)	178	31.6	mg/kg	263	97.9	30.3	75-125			SPK I

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Enervest Operating
2700 Farmington Ave.
Farmington NM, 87401

Project Name: Jic 102 #30
Project Number: 05123-0002
Project Manager: W Gardner

Reported:
05-Mar-14 15:25

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
Batch 1410010 - 418 Freon Extraction										
Blank (1410010-BLK1)										
					Prepared & Analyzed: 04-Mar-14					
Total Petroleum Hydrocarbons	ND	20.0	mg/kg							
Duplicate (1410010-DUP1)										
					Source: P402063-01 Prepared & Analyzed: 04-Mar-14					
Total Petroleum Hydrocarbons	240	20.0	mg/kg		248			3.29	30	
Matrix Spike (1410010-MS1)										
					Source: P402063-01 Prepared & Analyzed: 04-Mar-14					
Total Petroleum Hydrocarbons	2170	20.0	mg/kg	2000	248	96.4	80-120			

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Enervest Operating
2700 Farmington Ave.
Farmington NM, 87401

Project Name: Jic 102 #30
Project Number: 05123-0002
Project Manager: W Gardner

Reported:
05-Mar-14 15:25

Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1410009 - Anion Extraction EPA 300.0										
Blank (1410009-BLK1)				Prepared & Analyzed: 04-Mar-14						
Chloride	ND	9.87	mg/kg							
LCS (1410009-BS1)				Prepared & Analyzed: 04-Mar-14						
Chloride	473	9.91	mg/kg	496		95.4	90-110			
Matrix Spike (1410009-MS1)				Source: P402063-01		Prepared & Analyzed: 04-Mar-14				
Chloride	633	9.95	mg/kg	498	184	90.3	80-120			
Matrix Spike Dup (1410009-MSD1)				Source: P402063-01		Prepared & Analyzed: 04-Mar-14				
Chloride	655	9.90	mg/kg	495	184	95.0	80-120	3.33	20	

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Enverest Operating
2700 Farmington Ave.
Farmington NM, 87401

Project Name: Jic 102 #30
Project Number: 05123-0002
Project Manager: W Gardner

Reported:
05-Mar-14 15:25

Notes and Definitions

SPK1 The spike recovery for this QC sample is outside of control limits.

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

15795

Client: ENERVEST OPERATING, LLC			Project Name / Location: JIC 102 #30			ANALYSIS / PARAMETERS															
Email results to: Wgardner@enervest.net			Sampler Name: CORY MUNKRES			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact		
Client Phone No.: 505-325-0318			Client No.:																		
Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact
					HNO ₃	HCl															
5 POINT BANKS & FLOOR	2/25/14	12:25 PM	P402083-01					X	X							X	X			✓	✓
A POINT FLOOR	2/25/14	12:35 PM	P402083-02					X	X							X	X			✓	✓
Relinquished by: (Signature) <i>Cory Munkres</i>				Date 2/25/14	Time 2:25 PM	Received by: (Signature) <i>[Signature]</i>				Date 2/25/14	Time 2:25 PM										
Relinquished by: (Signature)						Received by: (Signature)															
Sample Matrix Soil <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.																					



envirotech
Analytical Laboratory

9.7 7.4