

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 20 2018

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
SF- 078464

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
Cain #001E

9. API Well No.
30-045-24321

10. Field and Pool, or Exploratory Area

11. County or Parish, State
San Juan County, New Mexico

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Enervest Operating LLC

3a Address
2700 Farmington Ave, Bldg K, Suite 1

3b. Phone No. (include area code)
505-325-0318

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**UL-I, Sec 25 T31N, R13W
36.8675060 -108.1506068**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Below Grade Pit Closure
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Enervest Operating LLC removed a 90 BBL below grade pit due to the structural integrity of the boards and side walls that contained the tank. The tank was removed on or about February 1, 2018.

A soil sample was taken and analyzed by Envirotech Laboratory, which passed closure standards, see attached lab report.

The excavation was back filled on February 14th, 2018. The

NMOC

APR 30 2018

DISTRICT III

Entered into AFMS

APR 27 2018

By: A. Wellington

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Michael Dame

Title HSE Specialist

Signature

Michael Dame

Date

4/20/18

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Supervisor

Title

Supervisor

Date

4/20/18

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOC



Analytical Report

Report Summary

Client: Enervest Operating
Chain Of Custody Number:
Samples Received: 2/5/2018 10:44:00AM
Job Number: 05123-0002
Work Order: P802010
Project Name/Location: Cain #1E

Report Reviewed By:  Date: 2/13/18
Walter Hinchman, Laboratory Director

 Date: 2/13/18
Tim Cain, Quality Assurance Officer

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: Cain #1E Project Number: 05123-0002 Project Manager: Mike Dame	Reported: 13-Feb-18 16:31
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Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Cain #1E	P802010-01A	Soil	02/05/18	02/05/18	Glass Jar, 4 oz.
	P802010-01B	Soil	02/05/18	02/05/18	Glass Jar, 4 oz.

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**Cain #1E
P802010-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	100	ug/kg	1	1806002	02/05/18	02/08/18	EPA 8021B	
Toluene	ND	100	ug/kg	1	1806002	02/05/18	02/08/18	EPA 8021B	
Ethylbenzene	ND	100	ug/kg	1	1806002	02/05/18	02/08/18	EPA 8021B	
p,m-Xylene	ND	200	ug/kg	1	1806002	02/05/18	02/08/18	EPA 8021B	
o-Xylene	ND	100	ug/kg	1	1806002	02/05/18	02/08/18	EPA 8021B	
Total Xylenes	ND	100	ug/kg	1	1806002	02/05/18	02/08/18	EPA 8021B	
Total BTEX	ND	100	ug/kg	1	1806002	02/05/18	02/08/18	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %		50-150	1806002	02/05/18	02/08/18	EPA 8021B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1806002	02/05/18	02/08/18	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1805024	02/05/18	02/06/18	EPA 8015D	
Oil Range Organics (C28-C40+)	ND	50.0	mg/kg	1	1805024	02/05/18	02/06/18	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.5 %		50-150	1806002	02/05/18	02/08/18	EPA 8015D	
<i>Surrogate: n-Nonane</i>		97.4 %		50-200	1805024	02/05/18	02/06/18	EPA 8015D	

Anions by 300.0

Chloride	115	20.0	mg/kg	1	1807003	02/12/18	02/12/18	EPA 300.0	
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Total Petroleum Hydrocarbons by 418.1

Total Petroleum Hydrocarbons	ND	40.0	mg/kg	1	1806011	02/08/18	02/09/18	EPA 418.1	
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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 1806002 - Purge and Trap EPA 5030A

Blank (1806002-BLK1)				Prepared: 05-Feb-18 Analyzed: 08-Feb-18						
Benzene	ND	100	ug/kg							
Toluene	ND	100	"							
Ethylbenzene	ND	100	"							
p,m-Xylene	ND	200	"							
o-Xylene	ND	100	"							
Total Xylenes	ND	100	"							
Total BTEX	ND	100	"							
Surrogate: 4-Bromochlorobenzene-PID	7720		"	8000		96.5	50-150			

LCS (1806002-BS1)				Prepared: 05-Feb-18 Analyzed: 08-Feb-18						
Benzene	4980	100	ug/kg	5000	ND	99.7	70-130			
Toluene	4900	100	"	5000	ND	98.0	70-130			
Ethylbenzene	4910	100	"	5000	ND	98.3	70-130			
p,m-Xylene	9820	200	"	10000	ND	98.2	70-130			
o-Xylene	4830	100	"	5000	ND	96.6	70-130			
Total Xylenes	14600	100	"	15000	ND	97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7850		"	8000		98.1	50-150			

Matrix Spike (1806002-MS1)				Source: P802007-01		Prepared: 05-Feb-18 Analyzed: 08-Feb-18				
Benzene	4960	100	ug/kg	5000	ND	99.2	54.3-133			
Toluene	4880	100	"	5000	ND	97.7	61.4-130			
Ethylbenzene	4890	100	"	5000	ND	97.9	61.4-133			
p,m-Xylene	9770	200	"	10000	ND	97.7	63.3-131			
o-Xylene	4800	100	"	5000	ND	96.0	63.3-131			
Total Xylenes	14600	100	"	15000	ND	97.2	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	7790		"	8000		97.3	50-150			

Matrix Spike Dup (1806002-MSD1)				Source: P802007-01		Prepared: 05-Feb-18 Analyzed: 08-Feb-18				
Benzene	4950	100	ug/kg	5000	ND	99.1	54.3-133	0.177	20	
Toluene	4860	100	"	5000	ND	97.3	61.4-130	0.354	20	
Ethylbenzene	4880	100	"	5000	ND	97.7	61.4-133	0.168	20	
p,m-Xylene	9750	200	"	10000	ND	97.5	63.3-131	0.195	20	
o-Xylene	4790	100	"	5000	ND	95.9	63.3-131	0.0834	20	
Total Xylenes	14500	100	"	15000	ND	97.0	63.3-131	0.158	20	
Surrogate: 4-Bromochlorobenzene-PID	7800		"	8000		97.5	50-150			

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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 1805024 - DRO Extraction EPA 3570										
Blank (1805024-BLK1)					Prepared & Analyzed: 05-Feb-18					
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40+)	ND	50.0	"							
<i>Surrogate: n-Nonane</i>	58.5		"	50.0		117	50-200			
LCS (1805024-BS1)					Prepared & Analyzed: 05-Feb-18					
Diesel Range Organics (C10-C28)	491	25.0	mg/kg	500		98.2	38-132			
<i>Surrogate: n-Nonane</i>	40.7		"	50.0		81.4	50-200			
Matrix Spike (1805024-MS1)					Source: P801048-01		Prepared & Analyzed: 05-Feb-18			
Diesel Range Organics (C10-C28)	4780	250	mg/kg	500	4300	95.7	38-132			
<i>Surrogate: n-Nonane</i>	78.9		"	50.0		158	50-200			
Matrix Spike Dup (1805024-MSD1)					Source: P801048-01		Prepared & Analyzed: 05-Feb-18			
Diesel Range Organics (C10-C28)	5210	250	mg/kg	500	4300	181	38-132	8.51	20	SPK2
<i>Surrogate: n-Nonane</i>	74.6		"	50.0		149	50-200			

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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 1806002 - Purge and Trap EPA 5030A										
Blank (1806002-BLK1)										
Prepared: 05-Feb-18 Analyzed: 08-Feb-18										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		"	8.00		96.9	50-150			
LCS (1806002-BS2)										
Prepared: 05-Feb-18 Analyzed: 08-Feb-18										
Gasoline Range Organics (C6-C10)	46.7	20.0	mg/kg	50.0		93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		"	8.00		99.9	50-150			
Matrix Spike (1806002-MIS2)										
Source: P802007-01 Prepared: 05-Feb-18 Analyzed: 08-Feb-18										
Gasoline Range Organics (C6-C10)	46.9	20.0	mg/kg	50.0	ND	93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.11		"	8.00		101	50-150			
Matrix Spike Dup (1806002-MSD2)										
Source: P802007-01 Prepared: 05-Feb-18 Analyzed: 08-Feb-18										
Gasoline Range Organics (C6-C10)	47.6	20.0	mg/kg	50.0	ND	95.3	70-130	1.63	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.22		"	8.00		103	50-150			

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Anions by 300.0 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1807003 - Anion Extraction EPA 300.0/9056A										
Blank (1807003-BLKI) Prepared & Analyzed: 12-Feb-18										
Chloride	ND	20.0	mg/kg							
LCS (1807003-BS1) Prepared & Analyzed: 12-Feb-18										
Chloride	246	20.0	mg/kg	250		98.6	90-110			
Matrix Spike (1807003-MS1) Source: P802010-01 Prepared & Analyzed: 12-Feb-18										
Chloride	400	20.0	mg/kg	250	115	114	80-120			
Matrix Spike Dup (1807003-MSD1) Source: P802010-01 Prepared & Analyzed: 12-Feb-18										
Chloride	379	20.0	mg/kg	250	115	106	80-120	5.30	20	

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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 1806011 - 418 Freon Extraction										
Blank (1806011-BLK1)					Prepared: 08-Feb-18 Analyzed: 09-Feb-18					
Total Petroleum Hydrocarbons	ND	40.0	mg/kg							
LCS (1806011-BS1)					Prepared: 08-Feb-18 Analyzed: 09-Feb-18					
Total Petroleum Hydrocarbons	930	40.0	mg/kg	1000		93.0	80-120			
Matrix Spike (1806011-MS1)					Source: P802010-01 Prepared: 08-Feb-18 Analyzed: 09-Feb-18					
Total Petroleum Hydrocarbons	974	40.0	mg/kg	1000	ND	97.4	70-130			
Matrix Spike Dup (1806011-MSD1)					Source: P802010-01 Prepared: 08-Feb-18 Analyzed: 09-Feb-18					
Total Petroleum Hydrocarbons	960	40.0	mg/kg	1000	ND	96.0	70-130	1.45	30	

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Notes and Definitions

- SPK2 The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to native analyte concentration at 4 times or greater than the spike concentration.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference

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