

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

30-045-24720

OPERATOR

Initial Report

Final Report

Name of Company: Energen Resources, Inc.	Contact: Ed Hasely
Address: 2010 Afton Place, Farmington, NM 87401	Telephone No: 505-324-4131
Facility Name: Federal 21 #1R	Facility Type: Oil/Gas Well Site

Surface Owner: Federal	Mineral Owner: Federal	Lease No.
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LOCATION OF RELEASE

Unit Letter O	Section 21	Township 25N	Range 9W	Feet from the	North/South Line	Feet from the	East/West Line	County San Juan
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Latitude 36.38248 Longitude -107.79140

NATURE OF RELEASE

Type of Release: Produced Fluids	Volume of Release: Unknown	Volume Recovered: 0 bbls
Source of Release: Production Pit Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 8/24/12
Was Immediate Notice Given?	If YES, To Whom? Jonathon Kelly - OCD	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required		
By Whom? Ed Hasely	Date and Hour: 8/24/12	
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse. NA	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

If a Watercourse was Impacted, Describe Fully.* NA

RCVD SEP 28 '12
OIL CONS. DIV.
DIST. 3

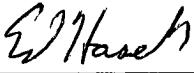
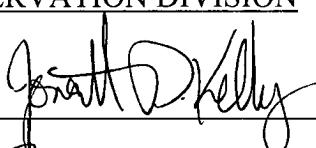
Describe Cause of Problem and Remedial Action Taken.*

Sampling underneath the tank during the below-grade tank closure showed TPH (Method 418.1) results of 113 ppm. According to the Pit Rule, any result over 100 ppm is an indication of a release.

Describe Area Affected and Cleanup Action Taken.*

The sample tested non-detect for TPH utilizing EPA Method 8015, therefore no remediation is necessary. The area was backfilled w/ clean soils. Lab analyses are 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: Ed Hasely	Approved by District Supervisor: 	
Title: Sr. Environmental Engineer	Approval Date: 10/03/2012	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9/26/12 Phone: 505-324-4131 / 505-330-3584(cell)		

* Attach Additional Sheets If Necessary

JK1229733416



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Energen	Project #:	03022-0001
Sample ID:	Pit Comp	Date Reported:	08-21-12
Laboratory Number:	63038	Date Sampled:	08-20-12
Chain of Custody No:	14302	Date Received:	08-20-12
Sample Matrix:	Soil	Date Extracted:	08-21-12
Preservative:	Cool	Date Analyzed:	08-21-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Fedreal 21 #1R



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0001
Sample ID:	Pit Comp	Date Reported:	08-21-12
Laboratory Number:	63038	Date Sampled:	08-20-12
Chain of Custody:	14302	Date Received:	08-20-12
Sample Matrix:	Soil	Date Analyzed:	08-21-12
Preservative:	Cool	Date Extracted:	08-21-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	ND	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	83.9 %
	1,4-difluorobenzene	96.1 %
	Bromochlorobenzene	99.3 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Fedreal 21 #1R



EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Energen	Project #:	03022-0001
Sample ID:	Pit Comp	Date Reported:	08-21-12
Laboratory Number:	63038	Date Sampled:	08-20-12
Chain of Custody No:	14302	Date Received:	08-20-12
Sample Matrix:	Soil	Date Extracted:	08-21-12
Preservative:	Cool	Date Analyzed:	08-21-12
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	113	6.6

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Fedreal 21 #1R**



Chloride

Client:	Energen	Project #:	03022-0001
Sample ID:	Pit Comp	Date Reported:	08-22-12
Lab ID#:	63038	Date Sampled:	08-20-12
Sample Matrix:	Soil	Date Received:	08-20-12
Preservative:	Cool	Date Analyzed:	08-21-12
Condition:	Intact	Chain of Custody:	14302

Parameter	Concentration (mg/Kg)
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Total Chloride	1.18
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Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Fedreal 21 #1R**

Ed Hasely

From: Ed Hasely
Sent: Friday, August 24, 2012 2:27 PM
To: 'Kelly, Jonathan, EMNRD'
Cc: Richard Fairbanks
Subject: Possible Past Release BGT Notification - Julander Federal #1E and Federal 21 #1R

Sampling beneath the BGTs on the two subject well locations revealed 418.1 TPH results of over 100 ppm. Per the Pit Rule, this is an indication of a possible past release. We will proceed per 19.15.29 and 19.15.30.

Ed Hasely
Energen Resources Corporation

From: Ed Hasely
Sent: Wednesday, August 15, 2012 10:53 AM
To: 'Kelly, Jonathan, EMNRD'
Cc: Richard Fairbanks
Subject: BGT Closure Notification - Julander Federal #1E and Federal 21 #1R

Jonathan – This email is to notify the OCD that Energen plans on closing the BGTs on the following locations in the near future.

Julander Federal #1E – Unit Letter K – 31 – 29N – 11W (this was not done earlier in the year as originally planned)

Federal 21 #1R – Unit Letter O – 21 – 25N – 9W

Let me know if you have questions. Thanks.

Ed Hasely
Energen Resources Corporation

From: Ed Hasely
Sent: Friday, March 23, 2012 9:01 AM
To: 'Kelly, Jonathan, EMNRD'
Subject: BGT Closure Notification - Julander Federal #1E

Jonathan – This email is to notify the OCD that Energen plans on closing the BGT on the following location in the near future.

Julander Federal #1E – Unit Letter K – 31 – 29N – 11W

Let me know if you have questions. Thanks.

Ed Hasely
Energen Resources Corporation
Sr. Environmental Engineer
ed.hasely@energen.com