

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**

30-045-13087

**OPERATOR**

☐ Initial Report ☒ Final Report

<b>Name of Company:</b> Energen Resources, Inc.	<b>Contact:</b> Ed Hasely	
<b>Address:</b> 2010 Afton Place, Farmington, NM 87401	<b>Telephone No:</b> 505-324-4131	
<b>Facility Name:</b> Martin Federal Com #1 (API# 3004513087)	<b>Facility Type:</b> Oil/Gas Well Site	
<b>Surface Owner:</b> Federal	<b>Mineral Owner:</b> Federal	<b>Lease No.</b> NM-3717A

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	13	29N	11W	2310	North	990	East	San Juan

Latitude 36.72651

Longitude -107.93673

**NATURE OF RELEASE**

<b>Type of Release:</b> Produced Fluids	<b>Volume of Release:</b> Unknown	<b>Volume Recovered:</b> 0 bbls
<b>Source of Release:</b> Production Pit Tank	<b>Date and Hour of Occurrence:</b> Unknown	<b>Date and Hour of Discovery:</b> 9/13/10
<b>Was Immediate Notice Given?</b> X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<b>If YES, To Whom?</b> Brandon Powell - OCD	
<b>By Whom?</b> Ed Hasely	<b>Date and Hour:</b> 9/13/10 10 09 am	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse.</b> NA	

**If a Watercourse was Impacted, Describe Fully.\*** NA

RCVD OCT 27 '10  
OIL CONS. DIV.

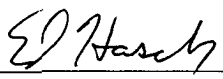
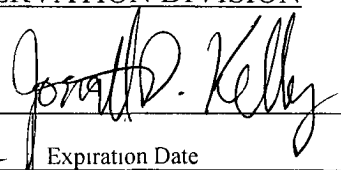
**Describe Cause of Problem and Remedial Action Taken.\***

DIST. 3

Sampling underneath the tank during the below-grade tank closure showed TPH (Method 418.1) results of 134 ppm. According to the Pit Rule, any result over 100 ppm is an indication of a release.

**Describe Area Affected and Cleanup Action Taken.\*** GRO/DRO (Method 8015) was 0.8 ppm, which is below remediation levels per the "Guidelines for Remediation of Leaks, Spills and Releases." No remediation required. Area is needed for operations. Upon abandonment, seeding will be deferred to the BLM / Tribal requirements per the BLM / OCD MOU.

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.

<b>Signature</b> 	<b>OIL CONSERVATION DIVISION</b>	
<b>Printed Name</b> Ed Hasely	<b>Approved by District Supervisor</b> 	
<b>Title</b> Sr. Environmental Engineer	<b>Approval Date</b> 3/06/2012	<b>Expiration Date</b>
<b>E-mail Address.</b> ed.hasely@energen.com	<b>Conditions of Approval:</b>	<b>Attached</b> <input type="checkbox"/>
<b>Date</b> 10/25/10	<b>Phone.</b> 505-324-4131 / 505-330-3584 (cell)	

\* Attach Additional Sheets If Necessary

NJK 1206635993



EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0168
Sample ID:	BGT	Date Reported:	08-20-10
Laboratory Number:	55611	Date Sampled:	08-18-10
Chain of Custody:	10219	Date Received:	08-19-10
Sample Matrix:	Soil	Date Analyzed:	08-20-10
Preservative:	Cool	Date Extracted:	08-20-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	5.9	1.0
Ethylbenzene	2.2	1.0
p,m-Xylene	2.8	1.2
o-Xylene	3.4	0.9
Total BTEX	14.3	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	101 %
	1,4-difluorobenzene	106 %
	Bromochlorobenzene	96.1 %

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: Martin Fed. Com #1

Analyst

Review



**EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**


Client:	Energen	Project #:	03022-0168
Sample ID:	BGT	Date Reported:	08-20-10
Laboratory Number:	55611	Date Sampled:	08-18-10
Chain of Custody No:	10219	Date Received:	08-19-10
Sample Matrix:	Soil	Date Extracted:	08-20-10
Preservative:	Cool	Date Analyzed:	08-20-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.3	0.2
Diesel Range (C10 - C28)	0.5	0.1
Total Petroleum Hydrocarbons	0.8	0.2

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: **Martin Fed. Com #1**

  
Analyst

  
Review



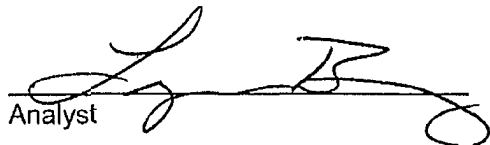
## Chloride

Client:	Energen	Project #:	03022-0168
Sample ID:	BGT	Date Reported:	08-20-10
Lab ID#:	55611	Date Sampled:	08-18-10
Sample Matrix:	Soil	Date Received:	08-19-10
Preservative:	Cool	Date Analyzed:	08-20-10
Condition:	Intact	Chain of Custody:	10219

Parameter	Concentration (mg/Kg)
Total Chloride	40

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: **Martin Fed. Com #1**

  
Analyst

  
Review



EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

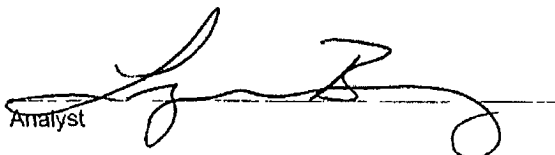
Client:	Energen	Project #:	03022-0168
Sample ID:	BGT	Date Reported:	08-20-10
Laboratory Number:	55611	Date Sampled:	08-18-10
Chain of Custody No:	10219	Date Received:	08-19-10
Sample Matrix:	Soil	Date Extracted:	08-20-10
Preservative:	Cool	Date Analyzed:	08-20-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	134	12.7

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: **Martin Fed. Com #1**

Analyst 

Review 

## Ed Hasely

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**From:** Ed Hasely  
**Sent:** Monday, August 23, 2010 11 10 AM  
**To:** 'Powell, Brandon, EMNRD'  
**Subject:** RE BGT Closure Notifications - Possible Release Notification

Brandon – This note is to let you know that the lab analysis of the sample collected below the BGT on the Martin Federal Com #1 tested 134 ppm for TPH using the 418.1 method. Per the Pit Rule, this is an indication of a past release. We will proceed following 19.15.29 and 19.15.30. Thanks.

## Ed Hasely Energen Resources Corporation

**From:** Ed Hasely  
**Sent:** Thursday, August 12, 2010 4:46 PM  
**To:** 'Powell, Brandon, EMNRD'  
**Subject:** BGT Closure Notifications

Brandon – This email is your notification that Energen plans to close the BGT's on the following locations in the near future. Let me know if you have questions. Thanks.

**M ARTIN FEDERAL COM #1** - Unit Letter H, Section 13, Township 29N, Range 11W  
**TIBBAR FEDERAL #2** - Unit Letter P, Section 13, Township 26N, Range 9W  
**GARLAND #3** - Unit Letter M, Section 27, Township 29N, Range 11W  
**MARSHALL COM #1E** - Unit Letter P, Section 14, Township 27N, Range 9W  
**NEWSOM B #11** - Unit Letter P, Section 5, Township 26N, Range 8W

**Ed Hasely**  
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