

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**

30-045-25002

**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: Holly Federal #1 (API 3004525002)	Facility Type: Oil/Gas Well Site

Surface Owner: Federal	Mineral Owner: Federal	Lease No.: NM 13959
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	29	30N	15W	980	South	700	East	San Juan

Latitude 36.78083

Longitude -108.43300

**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: 11/2/10
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell - NMOCD	
By Whom? Ed Hasely	Date and Hour: 11/2/10, 7:30 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

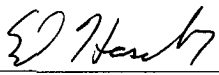
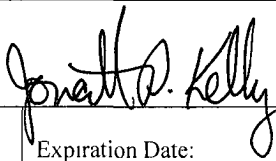
If a Watercourse was Impacted, Describe Fully.\* NA

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

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

**Describe Area Affected and Cleanup Action Taken.\*** A TPH analysis (Method 8015) showed results of ND, which is below remediation levels per Rule 116 and 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.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Ed Hasely	Approved by District Supervisor: 	
Title: Sr. Environmental Engineer	Approval Date: 11/21/2011	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval.	Attached <input type="checkbox"/>
Date: 11/29/10	Phone: 505-324-4131 / 505-330-3584(cell)	

\* Attach Additional Sheets If Necessary

NJK 1132542068



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


Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Holly Federal #1	Date Reported:	10-28-10
Laboratory Number:	56324	Date Sampled:	10-27-10
Chain of Custody No:	10619	Date Received:	10-27-10
Sample Matrix:	Soil	Date Extracted:	10-28-10
Preservative:	Cool	Date Analyzed:	10-28-10
Condition:	Intact	Analysis Requested:	8015 TPH

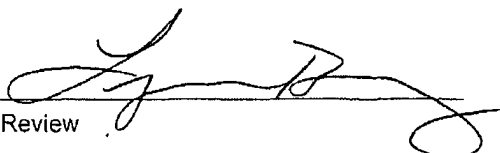
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	

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: **Holly Federal #1**

  
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Analyst

  
\_\_\_\_\_  
Review



EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Holly Federal #1	Date Reported:	10-28-10
Laboratory Number:	56324	Date Sampled:	10-27-10
Chain of Custody:	10619	Date Received:	10-27-10
Sample Matrix:	Soil	Date Analyzed:	10-28-10
Preservative:	Cool	Date Extracted:	10-28-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	103 %
	1,4-difluorobenzene	103 %
	Bromochlorobenzene	103 %

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: Holly Federal #1

  
Analyst

  
Review



EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

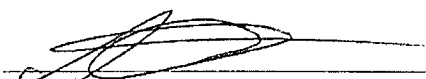
Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Holly Federal #1	Date Reported:	10-28-10
Laboratory Number:	56324	Date Sampled:	10-27-10
Chain of Custody No:	10619	Date Received:	10-27-10
Sample Matrix:	Soil	Date Extracted:	10-28-10
Preservative:	Cool	Date Analyzed:	10-28-10
Condition:	Intact	Analysis Needed:	TPH-418.1

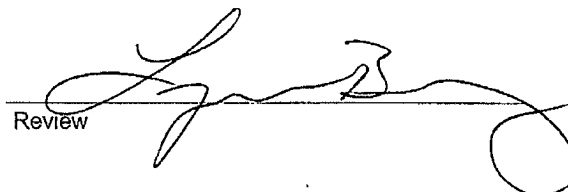
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	323	6.5

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: **Holly Federal #1**

  
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Analyst

  
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Review



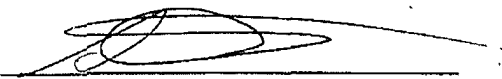
## Chloride

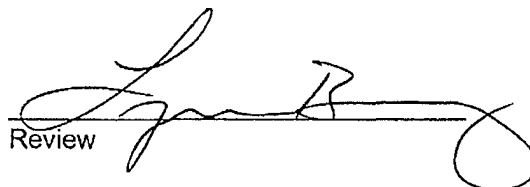
Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Holly Federal #1	Date Reported:	10-28-10
Lab ID#:	56324	Date Sampled:	10-27-10
Sample Matrix:	Soil	Date Received:	10-27-10
Preservative:	Cool	Date Analyzed:	10-28-10
Condition:	Intact	Chain of Custody:	10619

Parameter	Concentration (mg/Kg)
Total Chloride	135

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: Holly Federal #1

  
Analyst

  
Review

## Ed Hasely

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**From:** Ed Hasely  
**Sent:** Tuesday, November 02, 2010 7:34 AM  
**To:** 'Powell, Brandon, EMNRD'  
**Subject:** FW: BGT Closure Notifications - Possible Past Release

Brandon – This note is to notify you that the sample collected under the BGT on the Holly Federal #1 showed TPH (418.1 method) results over 100 ppm. According to the Pit Rule, a result over 100 is an indication of a possible past release. We will proceed per 19.15.29 and 19.15.30.

## Ed Hasely Energen Resources Corporation

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**From:** Ed Hasely  
**Sent:** Wednesday, October 27, 2010 2:26 PM  
**To:** 'Powell, Brandon, EMNRD'  
**Subject:** BGT Closure Notifications

Brandon – this is to notify you that Energen plans to close the BGT's on the following locations in the near future:

**Angel Peak #38 - Unit Letter K, Section 24, Township 28N, Range 11W**

**Holly Federal #1 - Unit Letter P, Section 29, Township 30N, Range 15W**

Please let me know if you have questions. Thanks.

## Ed Hasely Energen Resources Corporation

Sr. Environmental Engineer  
[ed.hasely@energen.com](mailto:ed.hasely@energen.com)  
Office: (505) 324-4131  
Cell: (505) 330-3584