

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

30-045-29141

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: Tibbar Federal #1E (API 3004529141)	Facility Type: Oil/Gas Well Site

Surface Owner: Federal	Mineral Owner: Federal	Lease No. NMNM09840
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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
M	13	26N	9W	855	South	1180	West	San Juan

Latitude 36.48329

Longitude -107.74535

NATURE OF RELEASE


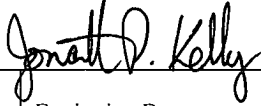
Type of Release: Produced Fluids	Volume of Release: Unknown	Volume Recovered: 0 bbls
Source of Release: Production Pit Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 10/13/10
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell - OCD	
By Whom? Ed Hasely	Date and Hour: 10/13/10; 7.43 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: NA	

If a Watercourse was Impacted, Describe Fully.* NA
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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 117 ppm. According to the Pit Rule, any result over 100 ppm is an indication of a release.

Describe Area Affected and Cleanup Action Taken.* An EPA Method 8015 for TPH showed results of ND, which is below the 100 ppm spill cleanup guideline. No remediation required. Lab analyses are attached. The area is needed for operations. Upon abandonment, seeding will be deferred to the BLM / Tribal requirements per the BLM / OCD MOU.
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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: 12/05/2011	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/17/10 Phone: 505-324-4131 / 505-330-3584(cell)		

* Attach Additional Sheets If Necessary

NJK1133925658



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen Resources	Project #:	03022-0168
Sample ID:	BGT Comp.	Date Reported:	10-06-10
Laboratory Number:	56068	Date Sampled:	10-05-10
Chain of Custody:	10454	Date Received:	10-05-10
Sample Matrix:	Soil	Date Analyzed:	10-06-10
Preservative:	Cool	Date Extracted:	10-06-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.3	0.9
Toluene	12.2	1.0
Ethylbenzene	3.8	1.0
p,m-Xylene	62.1	1.2
o-Xylene	5.2	0.9
Total BTEX	84.6	

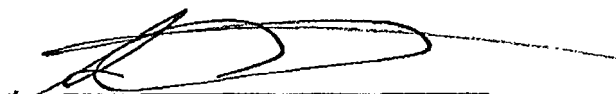
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94.2 %
	1,4-difluorobenzene	101 %
	Bromochlorobenzene	94.8 %

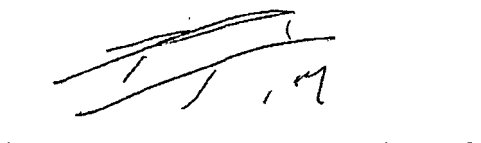
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Comments: Tibbar Federal #1E



Analyst



Review



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


Client:	Energen Resources	Project #:	03022-0168
Sample ID:	BGT Comp.	Date Reported:	10-06-10
Laboratory Number:	56068	Date Sampled:	10-05-10
Chain of Custody No:	10454	Date Received:	10-05-10
Sample Matrix:	Soil	Date Extracted:	10-06-10
Preservative:	Cool	Date Analyzed:	10-06-10
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	

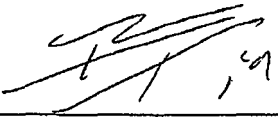
ND - Parameter not detected at the stated detection limit.

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

Comments: **Tibbar Federal #1E**



Analyst



Review



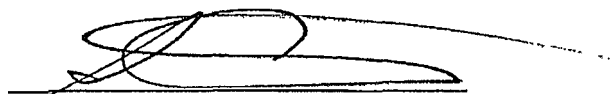
Chloride


Client:	Energen Resources	Project #:	03022-0168
Sample ID:	BGT Comp.	Date Reported:	10-07-10
Lab ID#:	56068	Date Sampled:	10-05-10
Sample Matrix:	Soil	Date Received:	10-05-10
Preservative:	Cool	Date Analyzed:	10-07-10
Condition:	Intact	Chain of Custody:	10454

Parameter	Concentration (mg/Kg)
Total Chloride	20

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: Tibbar Federal #1E


Analyst


Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Energen Resources	Project #:	03022-0168
Sample ID:	BGT Comp	Date Reported:	10-06-10
Laboratory Number:	56068	Date Sampled:	10-05-10
Chain of Custody No:	10454	Date Received:	10-05-10
Sample Matrix:	Soil	Date Extracted:	10-06-10
Preservative:	Cool	Date Analyzed:	10-06-10
Condition:	Intact	Analysis Needed:	TPH-418.1

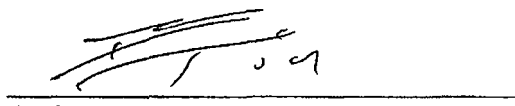
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	117	18.4

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: Tibbar Federal #1E


Analyst


Review

Ed Hasely

From: Ed Hasely
Sent: Wednesday, October 13, 2010 7:43 AM
To: 'Powell, Brandon, EMNRD'
Subject: FW: BGT Closure Notifications - Tibbar Fed #1E - Possible Past Release

The soil sample collected beneath the BGT on the Tibbar Federal #1E tested 117 ppm for TPH using EPA Method 418.1. According to the Pit Rule, anything over 100 ppm 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, October 06, 2010 9:24 AM
To: 'Powell, Brandon, EMNRD'
Subject: BGT Closure Notifications - Tibbar Fed #1E and #3

This email is to notify you that Energen plans to close the BGT on the Tibbar Federal #1E, located in unit letter M, section 13 – 26N – 9W, in the near future.

AND

This email is to notify you that Energen plans to close the BGT on the Tibbar Federal #3, located in unit letter D, section 24 – 26N – 9W, in the near future.

Ed Hasely
Energen Resources Corporation

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