

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

30-045-26047

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: Candelario ET AL #1E (API# 3004526047)	Facility Type: Oil/Gas Well Site

Surface Owner: Tribal	Mineral Owner: Tribal	Lease No. 1-149-IN-8463
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LOCATION OF RELEASE

Unit Letter B	Section 1	Township 27N	Range 9W	Feet from the 940	North/South Line North	Feet from the 1850	East/West Line East	County San Juan
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Latitude 36.60718

Longitude -107.73709

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: 9/13/10
Was Immediate Notice Given? X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell - OCD	
By Whom? Ed Hasely	Date and Hour: 9/13/10 10 09 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

RCVD OCT 27 '10
OIL CONS. DIV.

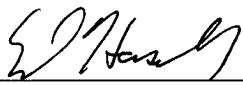
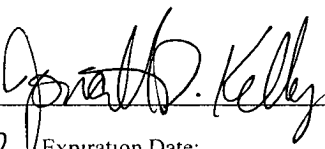
DIST. 3

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 253 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 non-detect, 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.

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

* Attach Additional Sheets If Necessary

nJK1206636182



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

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Candelario #1E	Date Reported:	09-08-10
Laboratory Number:	55772	Date Sampled:	09-03-10
Chain of Custody No:	10307	Date Received:	09-03-10
Sample Matrix:	Soil	Date Extracted:	09-07-10
Preservative:	Cool	Date Analyzed:	09-08-10
Condition:	Intact	Analysis Requested:	8015 TPH

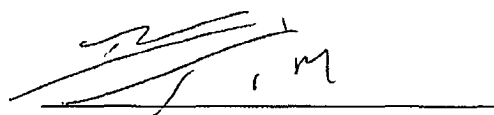
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	

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: **BGT**


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Candelario #1E	Date Reported:	09-08-10
Laboratory Number:	55772	Date Sampled:	09-03-10
Chain of Custody:	10307	Date Received:	09-03-10
Sample Matrix:	Soil	Date Analyzed:	09-08-10
Preservative:	Cool	Date Extracted:	09-07-10
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	1.2	1.2
o-Xylene	1.8	0.9
Total BTEX	3.0	

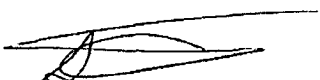
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95.1 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	98.4 %


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: BGT



Analyst



Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Candelario #1E	Date Reported:	09-07-10
Laboratory Number:	55772	Date Sampled:	09-03-10
Chain of Custody No:	10307	Date Received:	09-03-10
Sample Matrix:	Soil	Date Extracted:	09-07-10
Preservative:	Cool	Date Analyzed:	09-07-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	253	13.4

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: BGT

Analyst

Review



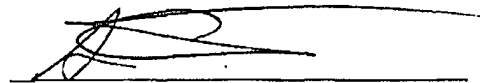
Chloride

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Candelario #1E	Date Reported:	09-07-10
Lab ID#:	55772	Date Sampled:	09-03-10
Sample Matrix:	Soil	Date Received:	09-03-10
Preservative:	Cool	Date Analyzed:	09-07-10
Condition:	Intact	Chain of Custody:	10307

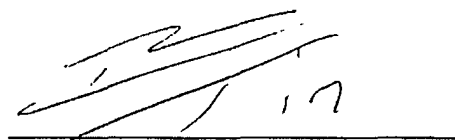
Parameter	Concentration (mg/Kg)
Total Chloride	35

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: BGT



Analyst



Review

Ed Hasely

From: Ed Hasely
Sent: Monday, September 13, 2010 10:09 AM
To: 'Powell, Brandon, EMNRD'
Subject: FW: BGT Closure Notification - Candelario Et Al #1E - Possible Past Release

Brandon – This note is to notify you that the sample collected under the subject BGT 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

From: Ed Hasely
Sent: Monday, August 30, 2010 2:57 PM
To: 'Powell, Brandon, EMNRD'
Subject: BGT Closure Notification - Candelario Et Al #1E

Brandon – Energen plans to close the BGT on the subject location in the near future. The location of the well is as follows:

Candelario Et Al #1E

B – Section 1 – T27N – R9W

Let me know if you have questions. Thanks.

Ed Hasely
Energen Resources Corporation

Sr. Environmental Engineer
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Office (505) 324-4131
Cell (505) 330-3584