

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

30-039-06441

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: Cheney Fed #2 (Separator BGT)	Facility Type: Oil/Gas Well Site

Surface Owner: Fee	Mineral Owner: Federal	Lease No.
---------------------------	-------------------------------	------------------

LOCATION OF RELEASE

Unit Letter M	Section 17	Township 26N	Range 2W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
-------------------------	----------------------	------------------------	--------------------	----------------------	-------------------------	----------------------	-----------------------	-----------------------------

Latitude 36.48052 **Longitude** -107.07845

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: 6/5/12
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jonathan Kelly - OCD Hobson Sandoval - Jicarilla	
By Whom? Ed Hasely	Date and Hour: 6/6/12, 7:23 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 APR 24 '13
OIL CONS. DIV.
DIST. 3

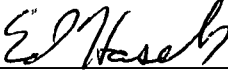
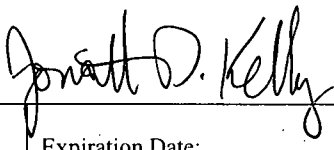
Describe Cause of Problem and Remedial Action Taken.*

Sampling underneath the tank during the below-grade tank closure showed TPH (Method 418.1) results of 262 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: 5/2/2013	Expiration Date:
E-mail Address: ed.hasely@energen.com		Conditions of Approval:	
Date: 4/22/13 Phone: 505-324-4131 / 505-330-3584(cell)		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

nJK 1312236446



Chloride

Client:	Energen Resources	Project #:	03022-0001
Sample ID:	Sep BGT	Date Reported:	12-12-12
Lab ID#:	63918	Date Sampled:	12-11-12
Sample Matrix:	Soil	Date Received:	12-11-12
Preservative:	Cool	Date Analyzed:	12-12-12
Condition:	Intact	Chain of Custody:	14746

Parameter	Concentration (mg/Kg)
-----------	-----------------------

Total Chloride

23.5

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: **Cheney Fed #2**



EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Energen Resources	Project #:	03022-0001
Sample ID:	Sep BGT	Date Reported:	12-12-12
Laboratory Number:	63918	Date Sampled:	12-11-12
Chain of Custody No:	14746	Date Received:	12-11-12
Sample Matrix:	Soil	Date Extracted:	12-12-12
Preservative:	Cool	Date Analyzed:	12-12-12
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

Total Petroleum Hydrocarbons	262	6.7
------------------------------	-----	-----

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: Cheney Fed #2



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen Resources	Project #:	03022-0001
Sample ID:	Sep BGT	Date Reported:	12-12-12
Laboratory Number:	63918	Date Sampled:	12-11-12
Chain of Custody:	14746	Date Received:	12-11-12
Sample Matrix:	Soil	Date Analyzed:	12-11-12
Preservative:	Cool	Date Extracted:	12-11-12
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	103 %
	1,4-difluorobenzene	96.8 %
	Bromochlorobenzene	102 %

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: Cheney Fed #2



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

Client:	Energen Resources	Project #:	03022-0001
Sample ID:	Sep. BGT	Date Reported:	12-12-12
Laboratory Number:	63918	Date Sampled:	12-11-12
Chain of Custody No:	14746	Date Received:	12-11-12
Sample Matrix:	Soil	Date Extracted:	12-11-12
Preservative:	Cool	Date Analyzed:	12-12-12
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: **Cheney Fed #2**

Ed Hasely

From: Ed Hasely
Sent: Wednesday, December 12, 2012 3:13 PM
To: 'Powell, Brandon, EMNRD'; 'Landon, Sherrie'
Cc: Jason Peace
Subject: Possible Past Release - Cheney Federal #2

Brandon / Sherrie – This is to notify you that the soil samples collected beneath the Separator BGT on the Cheney Federal #2 tested 262 ppm TPH (using 418.1 Method). According to the Pit Rule, a 418.1 TPH result over 100 is considered a possible past release. We will proceed with closure per 19.15.29 and 19.15.30.

Ed Hasely
Energen Resources Corporation

From: Ed Hasely
Sent: Monday, November 12, 2012 2:25 PM
To: Kelly, Jonathan, EMNRD
Subject: BGT Closure Notifications

Jonathan – Energen plans to begin the closure process on the below listed BGT's in the near future. Let me know if you have questions. Thanks.

Cheney Federal #2 - Unit Letter M, Section 17, Township 26N, Range 2W
Cheney Federal #2A - Unit Letter D, Section 17, Township 26N, Range 2W

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