

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

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: Jicarilla 99 #10 (API 3003920164)	Facility Type: Oil/Gas Well Site	
Surface Owner: Jicarilla	Mineral Owner: Jicarilla	Lease No. Jicarilla 99

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	24	26N	3W	840	North	990	West	Rio Arriba

Latitude 36.47656

Longitude -107.10016

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: 8/17/10
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: 8/17/10, 3:43 pm	
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

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 168 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 3.0 mg/Kg 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: <i>Ed Hasely</i>		OIL CONSERVATION DIVISION	
Printed Name: Ed Hasely		Approved by District Supervisor: <i>Bob Bell</i> For CP	
Title: Sr. Environmental Engineer		Approval Date: 9/7/10	Expiration Date:
E-mail Address: ed.hasely@energen.com		Conditions of Approval:	
Date: 8/27/10 Phone: 505-324-4131 / 505-330-3584(cell)		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Energen	Project #:	03022-0168
Sample ID:	Jic 99 #10	Date Reported:	08-13-10
Laboratory Number:	55500	Date Sampled:	08-10-10
Chain of Custody No:	10176	Date Received:	08-10-10
Sample Matrix:	Soil	Date Extracted:	08-13-10
Preservative:	Cool	Date Analyzed:	08-13-10
Condition:	Intact	Analysis Needed:	TPH-418.1


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	168	5.0

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: Jicarilla BGT


Analyst


Review



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

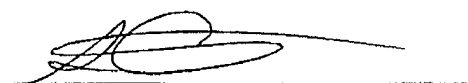
Client:	Energen	Project #:	03022-0168
Sample ID:	Jic 99 #10	Date Reported:	08-12-10
Laboratory Number:	55500	Date Sampled:	08-10-10
Chain of Custody No:	10176	Date Received:	08-10-10
Sample Matrix:	Soil	Date Extracted:	08-11-10
Preservative:	Cool	Date Analyzed:	08-12-10
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	3.0	0.1
Total Petroleum Hydrocarbons	3.0	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: **Jicarilla BGT**


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0168
Sample ID:	Jic 99 #10	Date Reported:	08-12-10
Laboratory Number:	55500	Date Sampled:	08-10-10
Chain of Custody:	10176	Date Received:	08-10-10
Sample Matrix:	Soil	Date Analyzed:	08-12-10
Preservative:	Cool	Date Extracted:	08-11-10
Condition:	Intact	Analysis Requested:	BTEX

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	

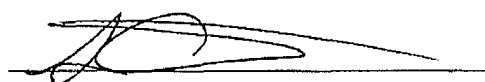
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95.6 %
	1,4-difluorobenzene	99.5 %
	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: Jicarilla BGT


Analyst


Review



Chloride

Client:	Energen	Project #:	03022-0168
Sample ID:	Jic 99 #10	Date Reported:	08-12-10
Lab ID#:	55500	Date Sampled:	08-10-10
Sample Matrix:	Soil	Date Received:	08-10-10
Preservative:	Cool	Date Analyzed:	08-12-10
Condition:	Intact	Chain of Custody:	10176

Parameter	Concentration (mg/Kg)
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Total Chloride

70

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: Jicarilla BGT


Analyst


Review

Ed Hasely

From: Ed Hasely
Sent: Tuesday, August 17, 2010 3:43 PM
To: 'Powell, Brandon, EMNRD'
Subject: FW: BGT Notification - Five Jicarilla Wells - Release Notification

Sampling beneath the BGTs on the Jicarilla 99 #10 and the Jicarilla 99 #15 (BGT #1) both revealed 418.1 TPH result of over 100 ppm. Per the Pit Rule, this 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, July 26, 2010 3:31 PM
To: 'Powell, Brandon, EMNRD'
Subject: BGT Notification - Five Jicarilla Wells

Brandon – this is to notify you that Energen plans to close the below grade tanks that are located on the following locations:

Jicarilla 67 #19 - Unit Letter L, Section 30, Township 25N, Range 5W

Jicarilla 67 #20 - Unit Letter E, Section 30, Township 25N, Range 5W

Jicarilla 99 #10 - Unit Letter D, Section 24, Township 26N, Range 3W

Jicarilla 99 #12 - Unit Letter O, Section 24, Township 26N, Range 3W

Jicarilla 99 #15 - Unit Letter I, Section 23, Township 26N, Range 3W

Let me know if you have any questions.

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