

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

30-039-06936

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 95 #2	Facility Type: Oil/Gas Well Site

Surface Owner: Jicarilla	Mineral Owner: Jicarilla	Lease No.
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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
A	25	27N	3W					Rio Arriba

Latitude 36.54883

Longitude -107.0900

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: 10/31/12
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell – OCD Hobson Sandoval – EPO Jicarilla	
By Whom? Ed Hasely	Date and Hour: 10/31/12, 7:09 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.*

RCVD APR 11 '13
OIL CONS. DIV.
DIST. 3


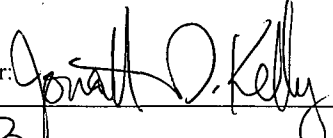
Describe Cause of Problem and Remedial Action Taken.*

Sampling underneath the tank during the below-grade tank closure showed TPH (Method 418.1) results of 106 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 ND for TPH utilizing EPA Method 8015, therefore no remediation is necessary. The area was backfilled with 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: 5/21/2013	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 4/8/13 Phone: 505-324-4131 / 505-330-3584(cell)		

* Attach Additional Sheets If Necessary

NSK 1314147993



Chloride

Client:	Energen Resources	Project #:	03022-0001
Sample ID:	Jic 95 #2	Date Reported:	10-31-12
Lab ID#:	63566	Date Sampled:	10-26-12
Sample Matrix:	Soil	Date Received:	10-29-12
Preservative:	Cool	Date Analyzed:	10-29-12
Condition:	Intact	Chain of Custody:	14609

Parameter	Concentration (mg/Kg)
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Total Chloride

ND

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 BGTs



EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS

Client:	Energen Resources	Project #:	03022-0001
Sample ID:	Jic 95 #2	Date Reported:	10-31-12
Laboratory Number:	63566	Date Sampled:	10-26-12
Chain of Custody No:	14609	Date Received:	10-29-12
Sample Matrix:	Soil	Date Extracted:	10-30-12
Preservative:	Cool	Date Analyzed:	10-30-12
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	106	6.6

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 BGTs



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen Resources	Project #:	03022-0001
Sample ID:	Jic 95 #2	Date Reported:	10-30-12
Laboratory Number:	63566	Date Sampled:	10-26-12
Chain of Custody:	14609	Date Received:	10-29-12
Sample Matrix:	Soil	Date Analyzed:	10-30-12
Preservative:	Cool	Date Extracted:	10-30-12
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	80.9 %
	1,4-difluorobenzene	82.8 %
	Bromochlorobenzene	84.1 %

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 BGTs



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

Client:	Energen Resources	Project #:	03022-0001
Sample ID:	Jic 95 #2	Date Reported:	10-30-12
Laboratory Number:	63566	Date Sampled:	10-26-12
Chain of Custody No:	14609	Date Received:	10-29-12
Sample Matrix:	Soil	Date Extracted:	10-30-12
Preservative:	Cool	Date Analyzed:	10-30-12
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: Jicarilla BGTs

Ed Hasely

From: Ed Hasely
Sent: Wednesday, October 31, 2012 7:09 AM
To: 'Kelly, Jonathan, EMNRD'; 'Hobson Sandoval'
Cc: Jason Peace
Subject: Possible Release Notification

Sampling beneath the BGT on the Jicarilla 95 #2 revealed a TPH result (Method 418.1) of 118 ppm. Per the Pit Rule, TPH 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: Tuesday, October 16, 2012 10:24 AM
To: 'Kelly, Jonathan, EMNRD'; 'Hobson Sandoval'
Cc: Jason Peace
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.

Jicarilla 89 #4 - Unit Letter M, Section 11, Township 27N, Range 3W
Jicarilla 94 #5 - Unit Letter M, Section 23, Township 27N, Range 3W
Jicarilla 95 #2 - Unit Letter A, Section 25, Township 27N, Range 3W

Ed Hasely

Energen Resources Corporation

Sr. Environmental Engineer

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Cell: (505) 330-3584