

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

30-039-22856

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 35 #14	Facility Type: Oil/Gas Well Site

Surface Owner: Tribal	Mineral Owner: Tribal	Lease No.
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LOCATION OF RELEASE

Unit Letter K	Section 35	Township 25N	Range 5W	Feet from the 1590	North/South Line South	Feet from the 1630	East/West Line West	County Rio Arriba
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Latitude 36.35366

Longitude -107.33245

NATURE OF RELEASE


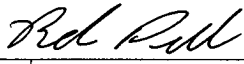
Type of Release: Produced Fluids	Volume of Release: Unknown	Volume Recovered: 0
Source of Release: Production Pit Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 10/4/10
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell - NMOCD Dixon Sandoval - Jicarilla	
By Whom? Ed Hasely	Date and Hour: 10/4/10 10:21 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.*

Describe Cause of Problem and Remedial Action Taken.* Soils underneath the tank during the below-grade tank closure were visually impacted. According to the Pit Rule, this is an indication of a possible past release
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Describe Area Affected and Cleanup Action Taken.* Impacted soils were excavated down to rock and disposed at a commercial disposal facility. Samples were collected from the sides and bottom of the excavation and the analyses are attached. The sample from the bottom tested 144 ppm TPH. but due to the hard rock bottom, no further excavation was possible. Excavation was backfilled with clean soils. 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: 3-17-11	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3/14/11 Phone: 505-324-4131 / 505-330-3584(cell)	NJK 1122136853	

* Attach Additional Sheets If Necessary

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

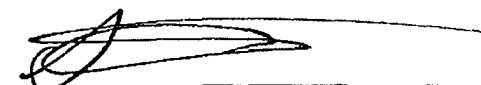
Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla 35 #14 (Bottom)	Date Reported:	10-07-10
Laboratory Number:	56074	Date Sampled:	10-05-10
Chain of Custody No:	10455	Date Received:	10-05-10
Sample Matrix:	Soil	Date Extracted:	10-06-10
Preservative:	Cool	Date Analyzed:	10-07-10
Condition:	Intact	Analysis Requested:	8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	6.6	0.2
Diesel Range (C10 - C28)	137	0.1
Total Petroleum Hydrocarbons	144	

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 Closures**


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla 35 #14 (Bottom)	Date Reported:	10-08-10
Laboratory Number:	56074	Date Sampled:	10-05-10
Chain of Custody:	10455	Date Received:	10-05-10
Sample Matrix:	Soil	Date Analyzed:	10-07-10
Preservative:	Cool	Date Extracted:	10-06-10
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	23.9	1.2
o-Xylene	2.1	0.9
Total BTEX	26.0	

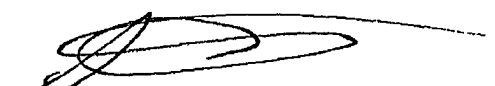
ND - Parameter not detected at the stated detection limit.

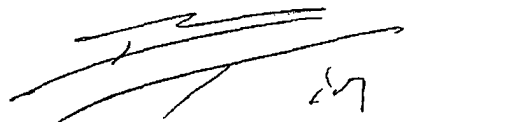
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	85.7 %
	1,4-difluorobenzene	88.8 %
	Bromochlorobenzene	86.2 %

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 Closures



Analyst

Review



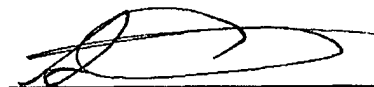
Chloride

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla 35 #14 (Bottom)	Date Reported:	10-07-10
Lab ID#:	56074	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:	10455


Parameter	Concentration (mg/Kg)
Total Chloride	100

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 Closures**



Analyst



Review



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

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla 35 #14 (Sides)	Date Reported:	10-07-10
Laboratory Number:	56075	Date Sampled:	10-05-10
Chain of Custody No:	10455	Date Received:	10-05-10
Sample Matrix:	Soil	Date Extracted:	10-06-10
Preservative:	Cool	Date Analyzed:	10-07-10
Condition:	Intact	Analysis Requested:	8015 TPH

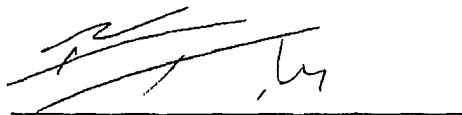
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	46.0	0.1
Total Petroleum Hydrocarbons	46.0	

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 Closures**


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla 35 #14 (Sides)	Date Reported:	10-08-10
Laboratory Number:	56075	Date Sampled:	10-05-10
Chain of Custody:	10455	Date Received:	10-05-10
Sample Matrix:	Soil	Date Analyzed:	10-07-10
Preservative:	Cool	Date Extracted:	10-06-10
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	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	102 %
	1,4-difluorobenzene	105 %
	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 Closures



Analyst



Review



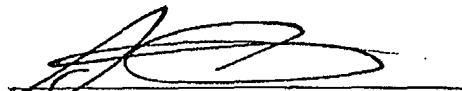
Chloride

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla 35 #14 (Sides)	Date Reported:	10-07-10
Lab ID#:	56075	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:	10455

Parameter	Concentration (mg/Kg)
Total Chloride	95

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 Closures**


Analyst


Review

Ed Hasely

From: Ed Hasely
Sent: Monday, October 04, 2010 10:21 AM
To: 'Powell, Brandon, EMNRD'
Cc: 'Dixon Sandoval'
Subject: FW: BGT Closure Notifications - Possible Release

This is to notify you that the soils below the below grade tank on the Jicarilla 35 #14 were visually impacted. Per the Pit Rule, this is an indication of a possible past release. We will continue per 19.15.29 and 19.15.30.

Ed Hasely Energen Resources Corporation

From: Ed Hasely
Sent: Thursday, September 23, 2010 4:02 PM
To: 'Powell, Brandon, EMNRD'
Subject: BGT Closure Notifications

Brandon – This is to notify you that Energen plans to close the BGT's on the following locations in the near future.

Jicarilla 35 #1 - Unit Letter L, Section 35, Township 25N, Range 5W
Jicarilla 35 #7 - Unit Letter F, Section 1, Township 24N, Range 5W
Jicarilla 35 #9 - Unit Letter D, Section 12, Township 24N, Range 5W
Jicarilla 35 #14 - Unit Letter K, Section 35, Township 25N, Range 5W
Chacon Jicarilla D #3J - Unit Letter D, Section 23, Township 23N, Range 3W
Chacon Jicarilla D #20 - Unit Letter K, Section 27, Township 23N, Range 3W

Let me know if you have questions. Thanks.

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