

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 L #8 (API 3003923942)	Facility Type: Oil/Gas Well Site

Surface Owner: Jicarilla	Mineral Owner: Jicarilla	Lease No. Jicarilla L
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LOCATION OF RELEASE

Unit Letter P	Section 33	Township 25N	Range 5W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude 36 34839 Longitude -107 35958

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: 3/14/11
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 Dixon Sandoval - Jicarilla	
By Whom? Ed Hasely	Date and Hour: 3/14/11	
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


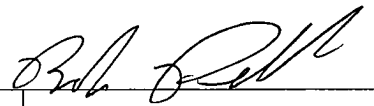
Describe Cause of Problem and Remedial Action Taken.*

Sampling underneath the tank during the below-grade tank closure showed TPH (Method 418 I) results of 5260 ppm According to the Pit Rule, any result over 100 ppm is an indication of a release

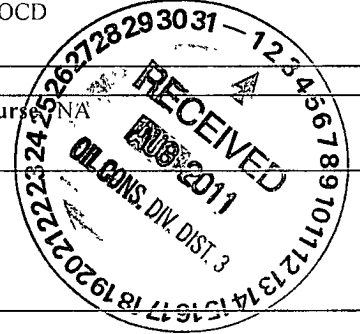
Describe Area Affected and Cleanup Action Taken.*

The sample tested 12.4 ppm for TPH utilizing EPA Method 8015 therefore no remediation is necessary The area was backfilled w/ clean soils Lab analyses are attached The 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	Expiration Date
E-mail Address: ed.hasely@energen.com		Conditions of Approval	
Date: 7/29/11 Phone: 505-324-4131 / 505-330-3584(cell)		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary



WJK 1122339774

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Chloride

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla L8	Date Reported:	03/08/11
Lab ID#:	57509	Date Sampled:	03/07/11
Sample Matrix:	Soil	Date Received:	03/07/11
Preservative:	Cool	Date Analyzed:	03/08/11
Condition:	Intact	Chain of Custody:	11308

Parameter	Concentration (mg/Kg)
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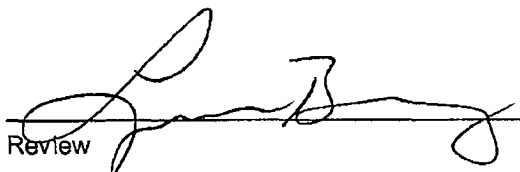
Total Chloride**20**

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's**



Analyst


Review

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla L8	Date Reported:	03/08/11
Laboratory Number:	57509	Date Sampled:	03/07/11
Chain of Custody No:	11308	Date Received:	03/07/11
Sample Matrix:	Soil	Date Extracted:	03/08/11
Preservative:	Cool	Date Analyzed:	03/08/11
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	5,260	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: Jicarilla BGT's



Analyst



Review

**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla L8	Date Reported:	03-09-11
Laboratory Number:	57509	Date Sampled:	03-07-11
Chain of Custody:	11308	Date Received:	03-07-11
Sample Matrix:	Soil	Date Analyzed:	03-08-11
Preservative:	Cool	Date Extracted:	03-07-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	17.4	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	10.4	1.2
o-Xylene	4.2	0.9
Total BTEX	32.0	


ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	101 %
	1,4-difluorobenzene	94.5 %
	Bromochlorobenzene	89.6 %


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's



 Analyst



 Review

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

Client:	Energen	Project #:	03022-0168
Sample ID:	Jicarilla L8	Date Reported:	03-09-11
Laboratory Number:	57509	Date Sampled:	03-07-11
Chain of Custody No:	11308	Date Received:	03-07-11
Sample Matrix:	Soil	Date Extracted:	03-07-11
Preservative:	Cool	Date Analyzed:	03-08-11
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)	12.4	0.1
Total Petroleum Hydrocarbons	12.4	

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's**



Analyst

Review

Ed Hasely

From: Ed Hasely
Sent: Monday, March 14, 2011 2:14 PM
To: 'Powell, Brandon, EMNRD'
Cc: 'Dixon Sandoval'
Subject: BGT Closure Notifications - Jicarilla Wells - Possible Past Release

The lab results for the Jicarilla L #8 came back over 100 ppm TPH using the specified EPA Method 418.1. 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: Monday, February 28, 2011 3:11 PM
To: Powell, Brandon, EMNRD
Cc: 'Dixon Sandoval'
Subject: BGT Closure Notifications - Jicarilla Wells

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

Jicarilla L #3 - Unit Letter E, Section 3, Township 24N, Range 5W
Jicarilla L #8 - Unit Letter P, Section 33, Township 25N, Range 5W
Jicarilla L #11 - Unit Letter G, Section 3, Township 24N, Range 5W

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