

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**

30.043.20422

**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: Chacon Jicarilla D 13	Facility Type: Production Site

Surface Owner: Jicarilla	Mineral Owner: Jicarilla	Lease No. Chacon Jicarilla D
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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
M	23	23N	3W	790	South	790	West	Sandoval

Latitude 36.20274

Longitude -107.13135

**NATURE OF RELEASE**

Type of Release: Produced Fluids	Volume of Release: Unknown	Volume Recovered: 0 bbls
Source of Release: Dehydrator Pit Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 6/30/10
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; Dixon Sandoval – Jicarilla EPO	
By Whom? NA	Date and Hour: 7/1/10, 2:30 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

RCVD AUG 23 '10

If a Watercourse was Impacted, Describe Fully.\* NA

OIL CONS. DIV.  
DIST. 3

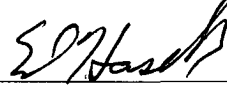
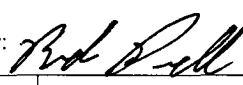
**Describe Cause of Problem and Remedial Action Taken.\***

Sampling underneath the tank during the below-grade tank closure showed TPH (Method 418.1) results of 216 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 TPH (Method 8015) was Non-Detect; therefore, the lab results are below remediation levels per the "Guidelines for Remediation of Leaks, Spills and Releases". No remediation required.

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:  For: CP		
Title: Sr. Environmental Engineer	Approval Date: 9/8/10	Expiration Date:	
E-mail Address: ed.hasely@energen.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 8/19/10 Phone: 505-324-4131 / 505-330-3584(cell)			

\* Attach Additional Sheets If Necessary

Incident # nBP1025127363

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EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS

Client:	Energen Resources	Project #:	03022-0174
Sample No.:	1	Date Reported:	7/2/2010
Sample ID:	5 pt Composite	Date Sampled:	6/30/2010
Sample Matrix:	Soil	Date Analyzed:	6/30/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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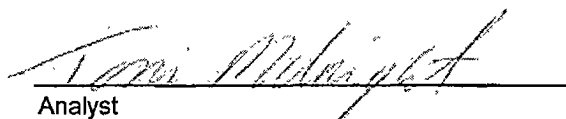
Total Petroleum Hydrocarbons	216	5.0
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ND = Parameter not detected at the stated detection limit.

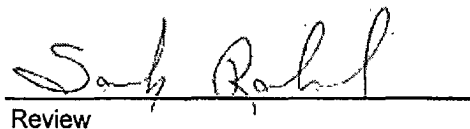
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Chacon Jicarilla D #13**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Toni McKnight  
Printed

  
Review

Sarah Rowland  
Printed



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

Client: Energen  
Sample ID: 5 pt Composite  
Laboratory Number: 54949  
Chain of Custody No: 9827  
Sample Matrix: Soil  
Preservative: Cool  
Condition: Intact


Project #: 03022-0174  
Date Reported: 07-02-10  
Date Sampled: 06-30-10  
Date Received: 06-30-10  
Date Extracted: 06-30-10  
Date Analyzed: 07-01-10  
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	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: BGT Closure/Chacon Jicarilla D #13

  
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Analyst

  
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Review



EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0174
Sample ID:	5 pt Composite	Date Reported:	07-02-10
Laboratory Number:	54949	Date Sampled:	08-30-10
Chain of Custody:	9827	Date Received:	08-30-10
Sample Matrix:	Soil	Date Analyzed:	07-01-10
Preservative:	Cool	Date Extracted:	08-30-10
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	3.8	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	10.7	1.2
o-Xylene	7.1	0.9
Total BTEX	21.6	

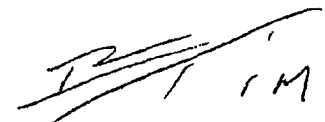
ND - Parameter not detected at the stated detection limit.

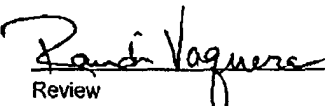
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	100 %
	1,4-difluorobenzene	100 %
	Bromochlorobenzene	100 %

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 Closure/Chacon Jicarilla D #13

  
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Analyst

  
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Review



## Chloride

Client:	Energen	Project #:	03022-0174
Sample ID:	5 Pt Composite	Date Reported:	07-01-10
Lab ID#:	54949	Date Sampled:	06-30-10
Sample Matrix:	Soil	Date Received:	06-30-10
Preservative:	Cool	Date Analyzed:	07-01-10
Condition:	Intact	Chain of Custody:	9827

### Parameter

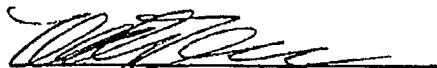
### Concentration (mg/Kg)


Total Chloride

50

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 Closure/Chacon Jicarilla D #13

  
Analyst

  
Review

## Ed Hasely

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**From:** Ed Hasely  
**Sent:** Thursday, July 01, 2010 2:37 PM  
**To:** 'Powell, Brandon, EMNRD'  
**Cc:** Dixon Sandoval  
**Subject:** BGT - Chacon Jicarilla D #13 - Potential Past Release

This note is to notify you that testing of the soils below the below grade tank on the subject location showed 418.1 TPH results of 216 ppm. Per the pit rule, any 418.1 results over 100 is an indication of a past release. The BGT will be closed following the spill rules.

**Ed Hasely**  
**Energen Resources Corporation**

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**From:** Ed Hasely  
**Sent:** Monday, June 28, 2010 11:27 AM  
**To:** 'Powell, Brandon, EMNRD'  
**Cc:** Dixon Sandoval; Billy Stalcup  
**Subject:** BGT Closures - Chacon Jicarilla D #5 and #13

This email is to notify you that Energen plans to close the below grade tanks on the subject locations in the near future. The wells are located in Sandoval County as follows:

Chacon Jicarilla D #5 – Unit Letter I, Sec 22 – 23N – 3W  
Chacon Jicarilla D #13 – Unit letter M, Sec 23 – 23N – 3W

Please let me know if you have any questions

**Ed Hasely**  
**Energen Resources Corporation**

Sr. Environmental Engineer  
[ed.hasely@energen.com](mailto:ed.hasely@energen.com)  
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Cell: (505) 330-3584