

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 115E #14 (API 3003906622)	Facility Type: Oil/Gas Well Site

Surface Owner: Jicarilla	Mineral Owner: Jicarilla	Lease No. Jicarilla 115
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LOCATION OF RELEASE

Unit Letter A	Section 10	Township 26N	Range 3W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude 36.50533 Longitude -107.12570

NATURE OF RELEASE


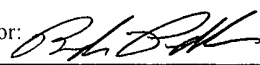
Type of Release: Produced Fluids	Volume of Release: Unknown	Volume Recovered: 0 bbls
Source of Release: Production Pit Tank	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 7/18/11
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell – OCD Hobson Sandoval – Jicarilla EPO, Dixon Sandoval – Jicarilla O&G	
By Whom? Ed Hasely	Date and Hour: 7/19/11 at 10:55 am	
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
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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 release.

Describe Area Affected and Cleanup Action Taken.* Impacted soils were excavated (approximately 40 cy) and hauled to a commercial disposal. The bottom and the sides of the excavation were sampled to verify clean closure. 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: 10/26/11	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/18/11 Phone: 505-324-4131 / 505-330-3584(cell)		

* Attach Additional Sheets If Necessary

nJK1129955735



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

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	BGT Sides	Date Reported:	07-22-11
Laboratory Number:	59034	Sampled:	07-20-11
Chain of Custody No:	12229	Date Received:	07-21-11
Sample Matrix:	Soil	Date Extracted:	07-21-11
Preservative:	Cool	Date Analyzed:	07-22-11
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)	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 115E #14 BGT

Analyst

Review



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

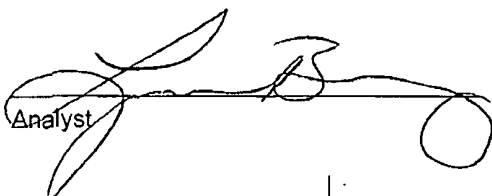
Client:	Energen Res.	Project #:	03022-0168
Sample ID:	BGT Bottom	Date Reported:	07-22-11
Laboratory Number:	59035	Sampled:	07-20-11
Chain of Custody No:	12229	Date Received:	07-21-11
Sample Matrix:	Soil	Date Extracted:	07-21-11
Preservative:	Cool	Date Analyzed:	07-22-11
Condition:	Intact	Analysis Requested:	8015 TPH

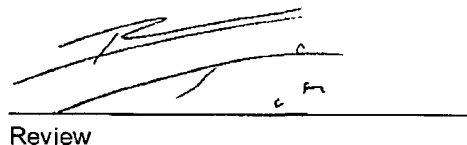
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	0.7	0.1
Total Petroleum Hydrocarbons	0.7	

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 115E #14 BGT**

Analyst 

Review 



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	BGT Sides	Date Reported:	07-22-11
Laboratory Number:	59034	Date Sampled:	07-20-11
Chain of Custody:	12229	Date Received:	07-21-11
Sample Matrix:	Soil	Date Analyzed:	07-22-11
Preservative:	Cool	Date Extracted:	07-21-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	3.9	1.0
Ethylbenzene	1.8	1.0
p,m-Xylene	7.8	1.2
o-Xylene	2.9	0.9
Total BTEX	16.4	

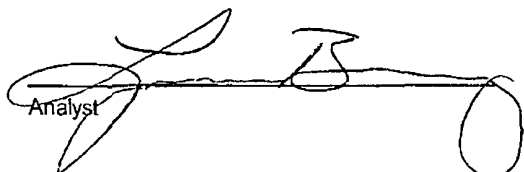
ND - Parameter not detected at the stated detection limit.

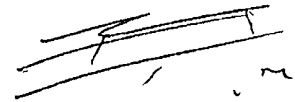
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	83.9 %
	1,4-difluorobenzene	88.4 %
	Bromochlorobenzene	94.2 %

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: Jicarilla 115E #14 BGT

Analyst 


Review

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	BGT Bottom	Date Reported:	07-22-11
Laboratory Number:	59035	Date Sampled:	07-20-11
Chain of Custody:	12229	Date Received:	07-21-11
Sample Matrix:	Soil	Date Analyzed:	07-22-11
Preservative:	Cool	Date Extracted:	07-21-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	5.8	1.0
Ethylbenzene	2.0	1.0
p,m-Xylene	8.9	1.2
o-Xylene	5.9	0.9
Total BTEX	22.6	


ND - Parameter not detected at the stated detection limit.

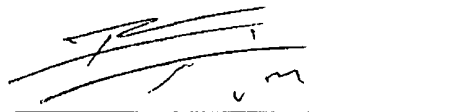
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	87.8 %
	1,4-difluorobenzene	91.3 %
	Bromochlorobenzene	98.0 %

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 115E #14 BGT


 Analyst


 Review

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	BGT Sides	Date Reported:	07/22/11
Lab ID#:	59034	Date Sampled:	07/20/11
Sample Matrix:	Soil	Date Received:	07/21/11
Preservative:	Cool	Date Analyzed:	07/22/11
Condition:	Intact	Chain of Custody:	12229

Parameter	Concentration (mg/Kg)
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Total Chloride**60**

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 115E #14 BGT**


Analyst
Review

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	BGT Bottom	Date Reported:	07/22/11
Lab ID#:	59035	Date Sampled:	07/20/11
Sample Matrix:	Soil	Date Received:	07/21/11
Preservative:	Cool	Date Analyzed:	07/22/11
Condition:	Intact	Chain of Custody:	12229

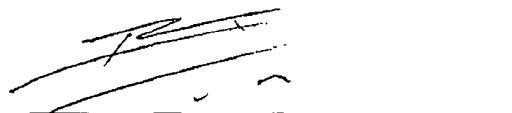
Parameter	Concentration (mg/Kg)
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Total Chloride**100**


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: **Jicarilla 115E #14 BGT**


Analyst


Review

12229

Client: Energen Res.			Project Name / Location: Jicarilla HSE #14 BGT			ANALYSIS / PARAMETERS															
Client Address:			Sampler Name: Hesely			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact
Client Phone No.: 330-3584			Client No.: 03022-0168																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl ₂ HCl															
BGT Sides	7/20	10a	59034	Soil Solid	Sludge Aqueous	1															
BGT Bottom	"	"	59035	Soil Solid	Sludge Aqueous	1															
				Soil Solid	Sludge Aqueous																
				Soil Solid	Sludge Aqueous																
				Soil Solid	Sludge Aqueous																
				Soil Solid	Sludge Aqueous																
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<div style="display: flex; justify-content: space-between; align-items: center;"> <div>Email: <i>Eal Hesely</i></div> <div>  </div> </div>																					
5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com																					

Ed Hasely

From: Ed Hasely
Sent: Tuesday, July 19, 2011 10:55 AM
To: 'Brandon Powell'
Cc: 'Dixon Sandoval'; 'hsandoval_99@yahoo.com'; Billy Stalcup
Subject: RE: BGT Closure - Jicarilla 115E #14 - Notification of Past Possible Release

This is to notify you that visually impacted soils were observed when the BGT on the subject location was removed. The impacted soils were removed and samples of the bottom and sidewalls will be collected for analyses. The excavation will be closed per 19.15.29 and 19.15.30. Please let me know if there are any questions. Thanks.

Ed Hasely Energen Resources Corporation

From: Ed Hasely
Sent: Friday, July 15, 2011 3:28 PM
To: Brandon Powell
Cc: 'Dixon Sandoval'; 'hsandoval_99@yahoo.com'; Billy Stalcup
Subject: BGT Closure - Jicarilla 115E #14

Brandon – Energen plans to close the below listed BGT in the near future. Let me know if you have questions. Thanks.

Jicarilla 115E #14 - Unit Letter A, Section 10, Township 26N, Range 3W

Ed Hasely Energen Resources Corporation

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