

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: Jillson Federal #4 (API# 3003922329)	Facility Type: Oil/Gas Well Site	
Surface Owner: Federal	Mineral Owner: Federal	Lease No. NMSF 080472

LOCATION OF RELEASE

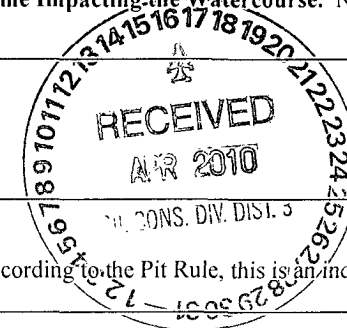
Unit Letter E	Section 8	Township 24N	Range 3W	Feet from the 1845	North/South Line North	Feet from the 790	East/West Line West	County Rio Arriba
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Latitude 36.32707

Longitude -107.18562

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: 12/15/09
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NA	
By Whom? NA	Date and Hour: NA	
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.* 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.* Approximately 10 cubic yards of soil were excavated. Samples were collected after excavation and results were acceptable (see attached). The impacted soils were taken to an approved disposal facility. The excavation was backfilled with clean soils.		



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: 9/22/10
E-mail Address: ed.hasely@energen.com	Expiration Date:
Date: 4/14/10	Conditions of Approval:
Phone: 505-324-4131 / 505-330-3584(cell)	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

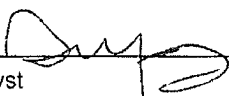
Client:	Energen	Project #:	03022-0001
Sample ID:	Drain Pit Exc. Sides	Date Reported:	12-18-09
Laboratory Number:	52709	Date Sampled:	12-15-09
Chain of Custody No:	8547	Date Received:	12-15-09
Sample Matrix:	Soil	Date Extracted:	12-16-09
Preservative:	Cool	Date Analyzed:	12-17-09
Condition:	Intact	Analysis Requested:	8015 TPH

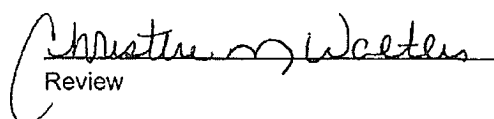
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Jillson Fed #4 BGTs**


Analyst


Review



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

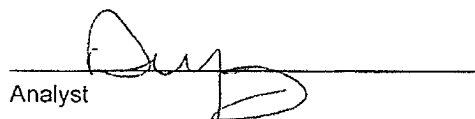
Client:	Energen	Project #:	03022-0001
Sample ID:	Drain Pit Exc. Bottom	Date Reported:	12-18-09
Laboratory Number:	52710	Date Sampled:	12-15-09
Chain of Custody No:	8547	Date Received:	12-15-09
Sample Matrix:	Soil	Date Extracted:	12-16-09
Preservative:	Cool	Date Analyzed:	12-17-09
Condition:	Intact	Analysis Requested:	8015 TPH

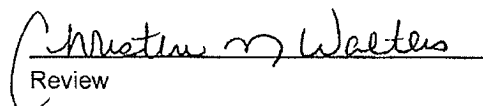
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	27.4	0.1
Total Petroleum Hydrocarbons	27.4	0.2

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: **Jillson Fed #4 BGTs**


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0001
Sample ID:	Drain Pit Exc. Sides	Date Reported:	12-18-09
Laboratory Number:	52709	Date Sampled:	12-15-09
Chain of Custody:	8547	Date Received:	12-15-09
Sample Matrix:	Soil	Date Analyzed:	12-17-09
Preservative:	Cool	Date Extracted:	12-16-09
Condition:	Intact	Analysis Requested:	BTEX

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	91.1 %
	1,4-difluorobenzene	95.0 %
	Bromochlorobenzene	96.0 %

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: Jillson Fed #4 BGTs

Analyst

Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0001
Sample ID:	Drain Pit Exc. Bottom	Date Reported:	12-18-09
Laboratory Number:	52710	Date Sampled:	12-15-09
Chain of Custody:	8547	Date Received:	12-15-09
Sample Matrix:	Soil	Date Analyzed:	12-17-09
Preservative:	Cool	Date Extracted:	12-16-09
Condition:	Intact	Analysis Requested:	BTEX

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	94.1 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	99.0 %

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: Jillson Fed #4 BGTs

Analyst

Review



Chloride

Client:	Energen	Project #:	03022-0001
Sample ID:	Drain Pit Exc. Sides	Date Reported:	12-17-09
Lab ID#:	52709	Date Sampled:	12-15-09
Sample Matrix:	Soil	Date Received:	12-15-09
Preservative:	Cool	Date Analyzed:	12-17-09
Condition:	Intact	Chain of Custody:	8547

Parameter

Concentration (mg/Kg)

Total Chloride:

25

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: Jillson Fed #4 BGT's.

Analyst

Review



Chloride

Client:	Energen	Project #:	03022-0001
Sample ID:	Drain Pit Exc. Bottom	Date Reported:	12-17-09
Lab ID#:	52710	Date Sampled:	12-15-09
Sample Matrix:	Soil	Date Received:	12-15-09
Preservative:	Cool	Date Analyzed:	12-17-09
Condition:	Intact	Chain of Custody:	8547

Parameter	Concentration (mg/Kg)
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Total Chloride:

40

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: Jillson Fed #4 BGT's.

Analyst

Review