

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


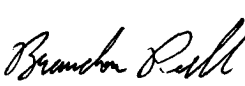
Name of Company: Energen Resources, Inc.	Contact: Ed Hasely	
Address: 2010 Afton Place, Farmington, NM 87401	Telephone No: 505-324-4131	
Facility Name: Sheets C #8 (API 3003906210)	Facility Type: Oil/Gas Well Site	
Surface Owner: Federal	Mineral Owner: Federal	Lease No. SF 080375

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	31	26N	7W	790	South	1485	West	Rio Arriba

Latitude 36.43853 Longitude -107.62087

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: 7/15/10
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	
By Whom? Ed Hasely	Date and Hour: 7/15/10, 9:34 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA RCVD SEP 28 '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 139 ppm and Chlorides of 480 ppm. According to the Pit Rule, any result over 100 ppm or 250 ppm respectively is an indication of a release.		
Describe Area Affected and Cleanup Action Taken.* The sample tested ND for TPH utilizing EPA Method 8015, there is no surface water within 1000 feet and groundwater is estimated to be greater than 100 feet; therefore, no remediation is necessary. The area was backfilled w/ clean soils. Lab analyses are attached.		
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: 9/28/10	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 9/22/10 Phone: 505-324-4131 / 505-330-3584(cell)		

* Attach Additional Sheets If Necessary

n8p1027134859

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

Client: Energen Res.
Sample ID: BGT Composite
Laboratory Number: 55090
Chain of Custody No: 9914
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

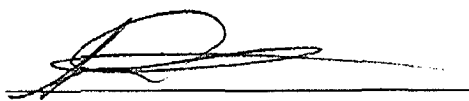
Project #: 03022-0168
Date Reported: 07-13-10
Date Sampled: 07-08-10
Date Received: 07-09-10
Date Extracted: 07-10-10
Date Analyzed: 07-12-10
Analysis Requested: 8015 TPH

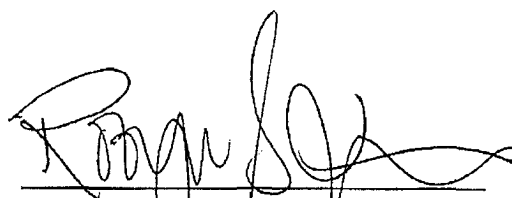
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Sheets C #8**


Analyst


Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	BGT Composite	Date Reported:	07-13-10
Laboratory Number:	55090	Date Sampled:	07-08-10
Chain of Custody:	9914	Date Received:	07-09-10
Sample Matrix:	Soil	Date Analyzed:	07-12-10
Preservative:	Cool	Date Extracted:	07-10-10
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	1.8	1.2
o-Xylene	3.5	0.9
Total BTEX	5.3	


ND - Parameter not detected at the stated detection limit.

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

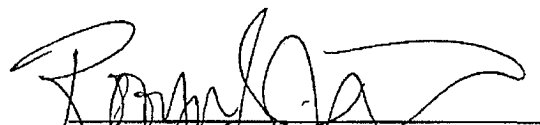
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Sheets C #8



Analyst



Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	BGT Composite	Date Reported:	07-13-10
Laboratory Number:	55090	Date Sampled:	07-08-10
Chain of Custody No:	9914	Date Received:	07-09-10
Sample Matrix:	Soil	Date Extracted:	07-13-10
Preservative:	Cool	Date Analyzed:	07-13-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	139	12.4

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: Sheets C #8


Analyst


Reviewer



Chloride

Client:	Energen	Project #:	03022-0168
Sample ID:	BGT Composite	Date Reported:	07-13-10
Lab ID#:	55090	Date Sampled:	07-08-10
Sample Matrix:	Soil	Date Received:	07-09-10
Preservative:	Cool	Date Analyzed:	07-13-10
Condition:	Intact	Chain of Custody:	9914

Parameter

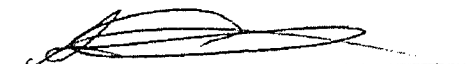
Concentration (mg/Kg)

Total Chloride


480

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: Sheets C #8



Analyst



Review

Ed Hasely

From: Powell, Brandon, EMNRD [Brandon.Powell@state.nm.us]
Sent: Monday, July 19, 2010 7:43 AM
To: Ed Hasely
Subject: RE: Sheets C #8 - Notification of Possible Past Release - Request to Close

Ed-

I agree with your assessment. Please submit a C-141 with the below information for closure.

Thank You
Brandon Powell
Environmental Specialist
New Mexico Oil Conservation
1000 Rio Brazos Rd, Aztec NM 87410
Office: (505) 334-6178 ext. 15
E-mail: Brandon.Powell@state.nm.us

From: Ed Hasely [mailto:Ed.Hasely@energen.com]
Sent: Thursday, July 15, 2010 4:10 PM
To: Powell, Brandon, EMNRD
Cc: John Hampton
Subject: Sheets C #8 - Notification of Possible Past Release - Request to Close

Brandon – As the email below stated, testing underneath the below grade tank at this location had 418.1 and chloride results slightly over the limits specified in the Pit Rule. The 8015 TPH results were non-detect so we are OK concerning TPH. Chlorides are over the 250 ppm Pit Rule limit, but since this well is located on a mesa w/ groundwater greater than 100 feet and no surface waters within 1000 feet, Energen proposes to close the BGT on this location – no remediation is necessary.

Please let me know if you agree so we can proceed w/ the proper closure of this BGT. Thanks.

Ed Hasely
Energen Resources Corporation

From: Ed Hasely
Sent: Thursday, July 15, 2010 9:34 AM
To: 'Powell, Brandon, EMNRD'
Subject: BGT Closure Notice - Sheets C #8 - Notification of Possible Past Release

This is to notify you that the sample results from the below grade tank closure process had results for TPH (418.1) of 139 ppm and Chlorides of 480. Per the pit rule, these results are an indication of a past release. Energen will proceed as per 19.15.29 and 19.15.30.

Ed Hasely
Energen Resources Corporation

From: Ed Hasely
Sent: Friday, July 09, 2010 8:38 AM
To: 'Powell, Brandon, EMNRD'
Cc: Eugene Burbank
Subject: BGT Closure Notice - Sheets C #8

Brandon – This email is to notify you that Energen plans to close the below grade tank on the subject location in the near future. The well is located in Unit Letter N – Section 31 – T26N – R7W.

Ed Hasely

Energen Resources Corporation

Sr. Environmental Engineer

ed.hasely@energen.com

Office: (505) 324-4131

Cell: (505) 330-3584

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