

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

30-045-31200

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: Culpepper Martin #3N (API 3004531200)	Facility Type: Oil/Gas Well Site

Surface Owner: Fee	Mineral Owner: Fee	Lease No. Fee
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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
D	7	31N	12W	1135	North	660	West	San Juan

Latitude 36.91788

Longitude -108.14297

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: 11/16/10
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	
By Whom? Ed Hasely	Date and Hour: 11/16/10; 1:47 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	


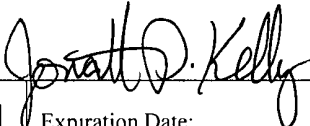
If a Watercourse was Impacted, Describe Fully.* NA

Describe Cause of Problem and Remedial Action Taken.*

Sampling underneath the tank during the below-grade tank closure showed TPH (Method 418.1) results of 116 ppm. According to the Pit Rule, any result over 100 ppm is an indication of a release.

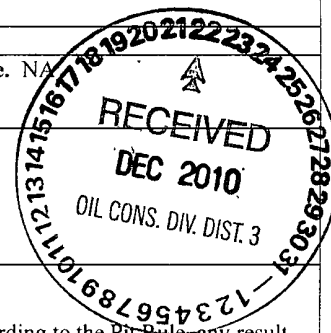
Describe Area Affected and Cleanup Action Taken.* An EPA Method 8015 for TPH showed results of ND, which is below the 100 ppm spill cleanup guideline. No remediation required. Lab analyses are attached. The area is needed for operations. Upon abandonment, seeding will be deferred to the BLM / Tribal 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: 12/05/2011	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/17/10	Phone: 505-324-4131 / 505-330-3584(cell)	

* Attach Additional Sheets If Necessary

nJK1133929219





Chloride

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Culpepper Martin #3N	Date Reported:	11-11-10
Lab ID#:	56446	Date Sampled:	11-09-10
Sample Matrix:	Soil	Date Received:	11-10-10
Preservative:	Cool	Date Analyzed:	11-11-10
Condition:	Intact	Chain of Custody:	10700


Parameter	Concentration (mg/Kg)
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Total Chloride

5

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: Dirt Work (Pit)



Analyst



Review



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Culpepper Martin #3N	Date Reported:	11-10-10
Laboratory Number:	56446	Date Sampled:	11-09-10
Chain of Custody No:	10700	Date Received:	11-10-10
Sample Matrix:	Soil	Date Extracted:	11-10-10
Preservative:	Cool	Date Analyzed:	11-10-10
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	116	12.3

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: Dirt Work (Pit)

Analyst

Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen Res	Project #:	03022-0168
Sample ID:	Culpepper Martin #3N	Date Reported:	11-11-10
Laboratory Number:	56446	Date Sampled:	11-09-10
Chain of Custody:	10700	Date Received:	11-10-10
Sample Matrix:	Soil	Date Analyzed:	11-11-10
Preservative:	Cool	Date Extracted:	11-10-10
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

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	2.2	0.9
Total BTEX	2.2	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	93.9 %
	1,4-difluorobenzene	97.2 %
	Bromochlorobenzene	88.6 %

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: Dirt Work (Pit)


Analyst


Review



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

Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Culpepper Martin #3N	Date Reported:	11-11-10
Laboratory Number:	56446	Date Sampled:	11-09-10
Chain of Custody No:	10700	Date Received:	11-10-10
Sample Matrix:	Soil	Date Extracted:	11-10-10
Preservative:	Cool	Date Analyzed:	11-11-10
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: **Dirt Work (Pit)**

Analyst

Review

Ed Hasely

From: Ed Hasely
Sent: Tuesday, November 16, 2010 1:47 PM
To: 'Powell, Brandon, EMNRD'
Subject: FW: BGT Notification - Possible Release

This is to notify you that the sample results from the below grade tank closure process on the Culpepper Martin #3N had results for TPH (418.1) of 116 ppm. 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: Wednesday, November 10, 2010 9:09 AM
To: 'Powell, Brandon, EMNRD'
Subject: BGT Notification

Brandon – Energen plans to close the below grade tanks on the following locations in the near future.

Culpepper Martin #3N -	Unit Letter D, Section 7 – T31N – R12W
Culpepper Martin #5C -	Unit Letter L, Section 31 – T32N – R12W

Let me know if you have questions.

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