

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: Federal 29-9-1 #2 (API # - 3004528787)	Facility Type: Oil/Gas Well Site

Surface Owner: Federal	Mineral Owner: Federal	Lease No. SF078201
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LOCATION OF RELEASE

Unit Letter N	Section 1	Township 29N	Range 9W	Feet from the 825	North/South Line South	Feet from the 1900	East/West Line West	County San Juan
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Latitude 36 74842

Longitude -107 73246

NATURE OF RELEASE

Type of Release: Produced water w/ some produced waste oil	Volume of Release: 40 bbls	Volume Recovered: 0 bbls
Source of Release: Produced Water Storage Tank	Date and Hour of Occurrence: 1/21/11	Date and Hour of Discovery: 1/21/11
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? James Valenzuela - NMOCD. Kevin Schneider - BLM (left message)	
By Whom? Ed Hasely	Date and Hour: 1/21/11 at 2 15 pm - OCD, 2 35 pm - BLM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

RCVD FEB 8 '11

If a Watercourse was Impacted, Describe Fully.* NA

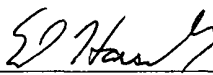
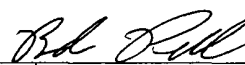
OIL CONS. DIV.
DIST. 3

Describe Cause of Problem and Remedial Action Taken.*

A valve froze and broke on the produced water storage tank. All fluids were contained inside the bermed area. The released water soaked into the ground so there was no water standing in the bermed area to recover.

Describe Area Affected and Cleanup Action Taken.* The storage tank was moved so that the impacted soil around and beneath the equipment could be removed. Approximately 20 yds of impacted soils were excavated down to a rock bottom and transported to a commercial disposal facility. Samples were collected from the excavation and the lab reports are attached. The area was backfilled w/ clean soils. The area is needed for operations of the well.

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 2/8/11	Expiration Date	
E-mail Address ed.hasely@energen.com	Conditions of Approval		Attached <input type="checkbox"/>
Date 2/4/11 Phone 505-324-4131 / 505-330-3584(cell)	nJK 1122335638		

* Attach Additional Sheets If Necessary

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

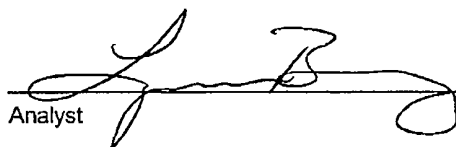
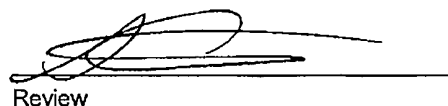
Client:	Energen Res.	Project #:	03022-0168
Sample ID:	Spill Excavation	Date Reported:	02-03-11
Laboratory Number:	57149	Date Sampled:	02-02-11
Chain of Custody No:	11098	Date Received:	02-02-11
Sample Matrix:	Soil	Date Extracted:	02-02-11
Preservative:	Cool	Date Analyzed:	02-03-11
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	153	0.2
Diesel Range (C10 - C28)	130	0.1
Total Petroleum Hydrocarbons	283	

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: **Federal 29-9-1 #2**


Analyst
Review

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Sample Matrix:	Soil	Date Analyzed:	02-03-11
Preservative:	Cool	Date Extracted:	02-02-11
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	10

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	43.8	1.0
Ethylbenzene	95.9	1.0
p,m-Xylene	1,400	1.2
o-Xylene	249	0.9
Total BTEX	1,790	

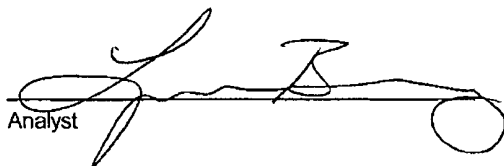
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	84.9 %
	1,4-difluorobenzene	91.6 %
	Bromochlorobenzene	108 %

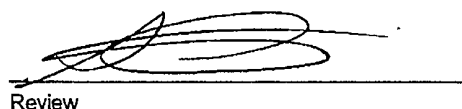
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Comments: Federal 29-9-1 #2



 Analyst



 Review

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Sample ID:	Spill Excavation	Date Reported:	02/03/11
Lab ID#:	57149	Date Sampled:	02/02/11
Sample Matrix:	Soil	Date Received:	02/02/11
Preservative:	Cool	Date Analyzed:	02/03/11
Condition:	Intact	Chain of Custody:	11098

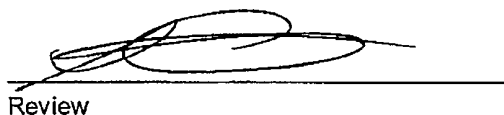
Parameter	Concentration (mg/Kg)
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Total Chloride**10**

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., 1995

Comments: **Federal 29-9-1 #2**


Analyst


Review