

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

30-039-23464

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: WO Hughes #7 (API # - 3003923464)	Facility Type: Oil/Gas Well Site

Surface Owner: Fee	Mineral Owner: Fee	Lease No. Fee
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LOCATION OF RELEASE

Unit Letter H	Section 8	Township 24N	Range 3W	Feet from the 1650	North/South Line North	Feet from the 753	East/West Line East	County Rio Arriba
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Latitude 36.32763

Longitude -107.17292

NATURE OF RELEASE

Type of Release: Produced Oil	Volume of Release: 35 bbls	Volume Recovered: 25 bbls
Source of Release: Above Ground Production Pit	Date and Hour of Occurrence: 4/20/12	Date and Hour of Discovery: 4/20/12
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Charlie Perrin - OCD	
By Whom? Ed Hasely	Date and Hour: 4/20/12 at 2:40 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

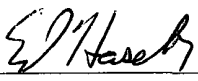
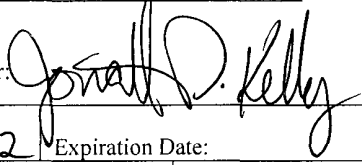
RCVD MAY 7 '12

OIL CONS. DIV.
DIST. 3

Describe Cause of Problem and Remedial Action Taken.* The oil dump failed causing the oil to be discharged with the produced water to the above ground steel pit. The above ground pit overflowed into the bermed area. A small amount of fluid seeped through the berm, but was all contained on location.

Describe Area Affected and Cleanup Action Taken.* A vacuum truck was used to recover the free standing oil. The impacted soils were excavated (approx. 25' x 25' x 3') and properly disposed at an approved facility. The excavation was then backfilled with clean soils. The confirmation lab analyses are attached. 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: 5/11/2012	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5/3/12 Phone: 505-324-4131 / 505-330-3584(cell)		

* Attach Additional Sheets If Necessary

NJK1213233011



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

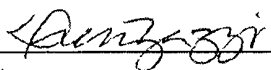
Client:	Energen	Project #:	03022-0001
Sample ID:	Excavation Bottom	Date Reported:	05-02-12
Laboratory Number:	61952	Date Sampled:	04-27-12
Chain of Custody No:	13861	Date Received:	04-27-12
Sample Matrix:	Soil	Date Extracted:	04-30-12
Preservative:	Cool	Date Analyzed:	05-01-12
Condition:	Intact	Analysis 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	

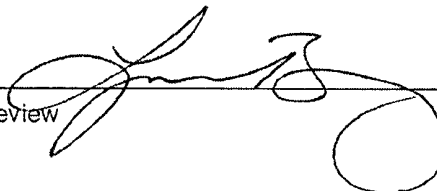
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **WO Hughes #7 Spill**



Analyst



Review



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

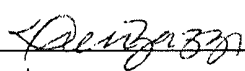
Client:	Energen	Project #:	03022-0001
Sample ID:	Excavation Sides	Date Reported:	05-02-12
Laboratory Number:	61953	Date Sampled:	04-27-12
Chain of Custody No:	13861	Date Received:	04-27-12
Sample Matrix:	Soil	Date Extracted:	04-30-12
Preservative:	Cool	Date Analyzed:	05-01-12
Condition:	Intact	Analysis 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	

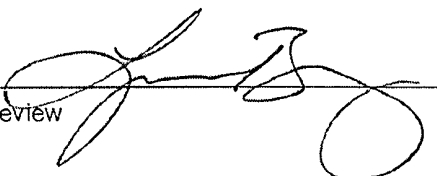
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **WO Hughes #7 Spill**



Analyst



Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0001
Sample ID:	Excavation Bottom	Date Reported:	05-02-12
Laboratory Number:	61952	Date Sampled:	04-27-12
Chain of Custody:	13861	Date Received:	04-27-12
Sample Matrix:	Soil	Date Analyzed:	05-01-12
Preservative:	Cool	Date Extracted:	04-30-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	ND	

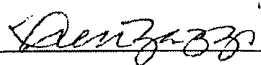
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	101 %
	1,4-difluorobenzene	101 %
	Bromochlorobenzene	102 %

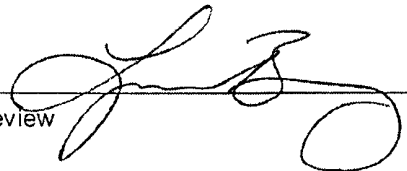
References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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

Comments: WO Hughes #7 Spill



Analyst



Review



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Energen	Project #:	03022-0001
Sample ID:	Excavation Sides	Date Reported:	05-02-12
Laboratory Number:	61953	Date Sampled:	04-27-12
Chain of Custody:	13861	Date Received:	04-27-12
Sample Matrix:	Soil	Date Analyzed:	05-01-12
Preservative:	Cool	Date Extracted:	04-30-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	ND	

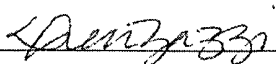
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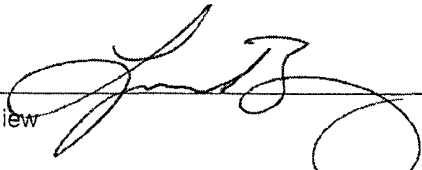
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	101 %
	1,4-difluorobenzene	103 %
	Bromochlorobenzene	103 %

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

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Comments: WO Hughes #7 Spill


Analyst


Review

Client:	Energen	Project #:	03022-0001
Sample ID:	Excavation Bottom	Date Reported:	05-02-12
Lab ID#:	61952	Date Sampled:	04-27-12
Sample Matrix:	Soil	Date Received:	04-27-12
Preservative:	Cool	Date Analyzed:	05-01-12
Condition:	Intact	Chain of Custody:	13861

Parameter	Concentration (mg/Kg)
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Total Chloride**160**

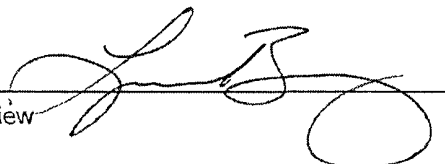
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **WO Hughes #7 Spill**

Analyst



Review





Chloride

Client:	Energen	Project #:	03022-0001
Sample ID:	Excavation Sides	Date Reported:	05-02-12
Lab ID#:	61953	Date Sampled:	04-27-12
Sample Matrix:	Soil	Date Received:	04-27-12
Preservative:	Cool	Date Analyzed:	05-01-12
Condition:	Intact	Chain of Custody:	13861

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: WO Hughes #7 Spill

Analyst

Review



RCVD MAY 7 '12
OIL CONS. DIV.
DIST. 3

May 3, 2012

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410
Attn: Brandon Powell

Re: **W O Hughes #7**
Final Release Report Submittal

Dear Mr. Powell:

Enclosed is the final Release Notification and Corrective Action (C-141) Form for the release on the subject well location.

If there are any questions or concerns with this submittal, please contact me at 505-324-4131.

Sincerely,

A handwritten signature in black ink, appearing to read "Ed Hasely".

Ed Hasely
Sr. Environmental Engineer
Energen Resources

Attachment: Final C-141
Lab Analysis

Cc: HSE File
Facility File
Correspondence