

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

36-039-22156

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: Jicarilla L #9	Facility Type: Oil/Gas Well Site

Surface Owner: Jicarilla Apache Tribe	Mineral Owner: Jicarilla Apache Tribe	Lease No. Jicarilla Apache 10
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LOCATION OF RELEASE

Unit Letter D	Section 10	Township 24N	Range 5W	Feet from the 860	North/South Line North	Feet from the 990	East/West Line West	County Rio Arriba
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Latitude 36.33176

Longitude -107.35342

NATURE OF RELEASE

Type of Release: Condensate Spill	Volume of Release: 131 bbls	Volume Recovered: 0 bbls
Source of Release: Condensate Storage Tank	Date and Hour of Occurrence: 2/22/08	Date and Hour of Discovery: 11:30 am 2/22/2008
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jicarilla EPO – Dixon Sandoval, NMOCD – Brandon Powell, BLM – Kevin Snyder, Bryce Hammond – Jicarilla Oil and Gas	
By Whom? Ed Hasely	Date and Hour: 2/22/2008, 1.30 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA RCVD MAY 23 '08	

If a Watercourse was Impacted, Describe Fully.* NA


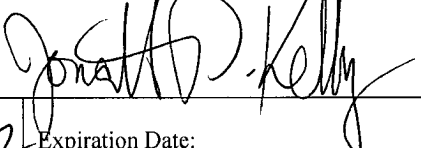
OIL CONNS. DIV.
DIST. 3

Describe Cause of Problem and Remedial Action Taken.*

The condensate storage tank appears to have a hole in the bottom allowing the condensate to leak out into the bermed area. No released liquids were able to be recovered. The remaining condensate in the storage tank was removed. The storage tank was replaced.

Describe Area Affected and Cleanup Action Taken.* Impacted soils were excavated (approx. 90' x 50' x 14' deep average) and transported (total of 2380 cubic yards) to a commercial disposal facility. The bottom was excavated to a shale layer. Once the impacted soil was removed, samples were collected from the excavation. The analyses showed that the samples of the remaining soils in the excavation were below 200 ppm TPH. Mr. Dixon Sandoval w/ the Jicarilla Apache Environmental Protection Office gave his approval to close the excavation. The excavation was backfilled with clean soil approved by the Jicarilla. The lab analyses are included with this submittal.

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: 2/07/2008	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5/22/08 Phone: 505-324-4131 / 505-330-3584(cell)		

* Attach Additional Sheets If Necessary

NSK 203847616

ENVIROTECH INC.

Practical Solutions for a Better World

May 20, 2008

Client No. 03022-0066

Mr. Ed Hasely
Energen Resource Corporation
2010 Afton Place
Farmington, NM 87401

Phone (505) 325-6800

RE: CONFIRMATION SAMPLING AT THE JICARILLA L #9 WELL SITE

Dear Mr. Hasely:

Attached, please find the original field analysis for the confirmation sampling at the Jicarilla L #9 well site. Envirotech personnel were onsite on April 9, 2009 to take confirmation samples from an open excavation. Mr. Dixon Sandoval with the Jicarilla Apache Environmental Protection Office was also onsite to observe the testing.

Three composite samples were collected from the excavation and analyzed in the field via USEPA Method 418.1 for Total Petroleum Hydrocarbons (TPH) and analyzed for Organic Vapors (OV) with a photo-ionization detector. Results from the analysis are summarized in the table below and original field analysis certificates are attached to this letter.

Sample	TPH (ppm)	Organic Vapors (OV)
Regulated Standard	100	100
Bottom Composite @10'	140	126
South & East Wall composite	184	229
North & West Wall Composite	68	20.5

The excavation measured 90 feet in length, varied from 25 to 60 feet in width and averaged 10 feet in depth. The bottom was excavated to a shale layer which was also evident on the south wall at a depth of approximately five (5) feet below ground surface. Even though the levels of TPH and OV in the bottom and one wall composite slightly exceeded the cleanup levels Mr. Sandoval gave his approval to close the excavation.

Envirotech has completed the field sampling at the Energen Resources Jicarilla L #9 well site. We appreciate the opportunity to be of service, if you have any questions, or require any additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,
ENVIROTECH, INC.

A handwritten signature in black ink, appearing to read "Greg Crabtree", is positioned above the printed name.

Greg Crabtree
Environmental Engineer
gcrabtree@envirotech-inc.com

Enclosures: Field Analysis Certificates

Cc: Client File No. 03022

ENVIROTECH INC.

Practical Solutions for a Better Tomorrow

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Energen	Project #:	03022-0066
Sample No.:	1	Date Reported:	5/13/2008
Sample ID:	Bottom @10 feet BGS	Date Sampled:	4/9/2008
Sample Matrix:	Soil	Date Analyzed:	4/9/2008
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	140	5.0

ND = Parameter not detected at the stated detection limit.

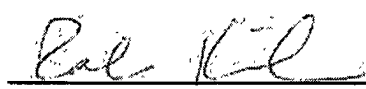
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Jicarilla L #9**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Greg Crabtree
Printed


Printed

ENVIROTECH INC.

Practical Solutions for a Better Tomorrow

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Energen	Project #:	03022-0066
Sample No.:	2	Date Reported:	5/13/2008
Sample ID:	S & E wall composite	Date Sampled:	4/9/2008
Sample Matrix:	Soil	Date Analyzed:	4/9/2008
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	184	5.0
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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: Jicarilla L #9

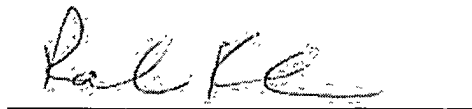
Instrument calibrated to 200 ppm standard. Zeroed before each sample



Analyst

Greg Crabtree

Printed



Robin Kibler

Printed

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Energen	Project #:	03022-0066
Sample No.:	3	Date Reported:	5/13/2008
Sample ID:	N & W Wall Composite	Date Sampled:	4/9/2008
Sample Matrix:	Soil	Date Analyzed:	4/9/2008
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		


Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	68	5.0

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: **Jicarilla L #9**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Greg Crabtree
Printed



Robin Kibler
Printed

ENVIROTECH INC.

Practical Solutions for a Better Tomorrow

CONTINUOUS CALIBRATION EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Cal. Date: 9-Apr-08


Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	
	200	201
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.


Analyst

Greg Crabtree

Print Name


Review

Robin Kibler

Print Name

5/13/08
Date

5-13-08
Date

May 22, 2008

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

RCVD MAY 28 '08

OIL CONS. DIV.

DIST. 3


Re: **Jicarilla L #9**
FINAL Release Report Submittal

Dear Mr. Powell:

Enclosed is the final Release Notification and Corrective Action (C-141) Form for the release on the Jicarilla L #9 well location. The initial C-141 for this release was submitted on February 25, 2008. I was waiting on final tickets from the commercial disposal facility before submitting the final report.

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

Sincerely,



Ed Hasely
Sr. Environmental Engineer
Energen Resources

Attachment: Final C-141
Lab Reports

Cc: Bert Thomas
Anna Stotts
BLM
Jicarilla EPO
Jicarilla Oil and Gas
HSE File
Facility File
Correspondence