

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: Jicarilla 95 #6 (API # - 3003906790)	Facility Type: Oil/Gas Well Site

Surface Owner: Jicarilla Apache Tribe	Mineral Owner: Jicarilla Apache Tribe	Lease No. Jicarilla Apache 94
---------------------------------------	---------------------------------------	-------------------------------

#### LOCATION OF RELEASE

Unit Letter M	Section 36	Township 27N	Range 3W	Feet from the 990	North/South Line South	Feet from the 990	East/West Line West	County Rio Arriba
------------------	---------------	-----------------	-------------	----------------------	---------------------------	----------------------	------------------------	----------------------

Latitude 36.5253

Longitude -107.10107

#### NATURE OF RELEASE

Type of Release: Condensate	Volume of Release: 62 bbls - Condensate	Volume Recovered: 13 bbls
Source of Release: Condensate Tank	Date and Hour of Occurrence: 4/6/10	Date and Hour of Discovery: 4/6/10
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Bryce Hammond - Jicarilla O&G; Brandon Powell - NMOCD; Dixon Sandoval - Jicarilla EPO; Kevin Schneider - BLM	
By Whom? Ed Hasely	Date and Hour: 4/6/10 at 5 pm - Jicarilla, 4/7/10 at 7:30 am - OCD and BLM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA <b>RCVD MAY 10 '10</b>	

If a Watercourse was Impacted, Describe Fully.\* NA

**OIL CONS. DIV.**



**DIST. 3**

#### Describe Cause of Problem and Remedial Action Taken.\*

The drain valve on the condensate storage tank froze and broke allowing the contents of the condensate tank to leak out into the bermed area. All fluids were contained inside the bermed area. A vacuum truck was used to recover the free liquids standing in the bermed area.

**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. Impacted soils was excavated and transported to a commercial disposal facility. Once the soil was removed, samples were collected from the excavation and sent to a laboratory for analysis. The samples were below the 100 ppm TPH and 100 ppm organic vapors. The excavation was backfilled with clean soil. A final report from Envirotech, including the lab analyses, is 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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Ed Hasely	Approved by District Supervisor:  For: CP	
Title: Sr. Environmental Engineer	Approval Date: 9/22/10	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5/7/10      Phone: 505-324-4131 / 505-330-3584(cell)		

\* Attach Additional Sheets If Necessary

nBP1026550170

7

Client: Energen



**envirotech**  
(505) 632-0615 (800) 362-1879

5786 U.S. Hwy 64, Farmington, NM 87401

Location No:

03022-0169

C.O.C. No:

# FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

LOCATION: NAME: Jicarilla WELL #: 95#6  
QUAD/UNIT: SEC: 36 TWP: 27N RNG: 3W PM: CNTY: RA ST: NM  
DISTANCE/FOOTAGE: CONTRACTOR:

DATE STARTED: 4-23-10

DATE FINISHED: 4-23-10

ENVIRONMENTAL

SPECIALIST: R. Williams, Jr.

EXCAVATION APPROX: 55 FT. X 75 FT. X 20 FT. DEEP CUBIC YARDAGE:  
DISPOSAL FACILITY: TNT REMEDIATION METHOD: Removal of soil/chem fill  
LAND USE: LEASE: LAND OWNER: Jicarilla Apache  
CAUSE OF RELEASE: leak/old earth pit MATERIAL RELEASED: Condensate/Produced water

SPILL LOCATED APPROXIMATELY: 100 M FT. FROM

DEPTH TO GROUNDWATER: NEAREST WATER SOURCE: NEAREST SURFACE WATER:

NMOC D RANKING SCORE: NMOC D TPH CLOSURE STD: 100 ppm PPM

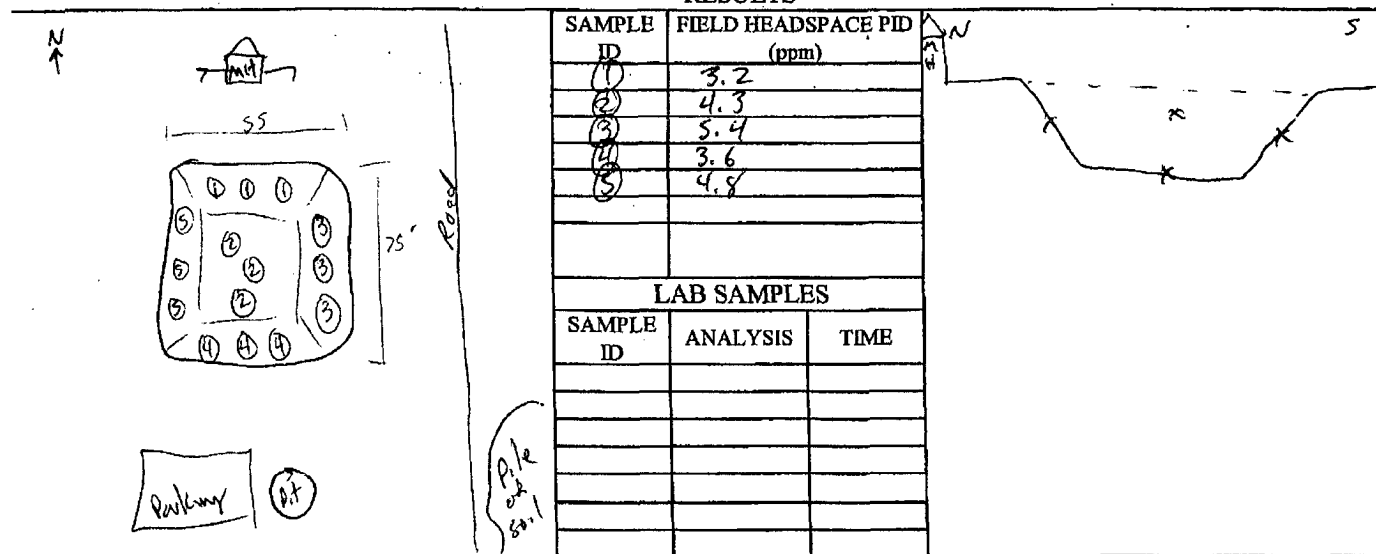
OIL AND EXCAVATION DESCRIPTION: 100 ppm TPH closure due to Jicarilla Apache land  
all walls and bottom passed on first analysis

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
<u>1.95 STD</u>	<u>9:30</u>	<u>STD</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>181</u>	
<u>N wall</u>	<u>9:39</u>	<u>1</u>	<u>-</u>	<u>5</u>	<u>20</u>	<u>4</u>	<u>3</u>	<u>12</u>
<u>Bottom</u>	<u>9:46</u>	<u>2</u>	<u>-</u>	<u>5</u>	<u>20</u>	<u>4</u>	<u>19</u>	<u>76</u>
<u>E wall</u>	<u>9:58</u>	<u>3</u>	<u>-</u>	<u>5</u>	<u>20</u>	<u>4</u>	<u>13</u>	<u>52</u>
<u>S wall</u>	<u>10:10</u>	<u>4</u>	<u>-</u>	<u>5</u>	<u>20</u>	<u>4</u>	<u>11</u>	<u>44</u>
<u>W wall</u>	<u>10:19</u>	<u>5</u>	<u>-</u>	<u>5</u>	<u>20</u>	<u>4</u>	<u>11</u>	<u>44</u>

## SPILL PERIMETER

## OVM RESULTS

## SPILL PROFILE



TRAVEL NOTES: CALLED OUT: ONSITE:



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-0169
Sample No.:	1	Date Reported:	4/28/2010
Sample ID:	North Wall	Date Sampled:	4/23/2010
Sample Matrix:	Soil	Date Analyzed:	4/23/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	12	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 95 # 6**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
\_\_\_\_\_  
Analyst

**Barian Williamson**  
\_\_\_\_\_  
Printed

  
\_\_\_\_\_  
Review

**Sherry Auckland**  
\_\_\_\_\_  
Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-0169
Sample No.:	2	Date Reported:	4/28/2010
Sample ID:	Bottom	Date Sampled:	4/23/2010
Sample Matrix:	Soil	Date Analyzed:	4/23/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

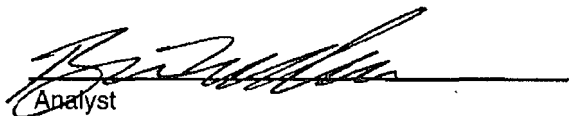
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	76	5.0

ND = Parameter not detected at the stated detection limit.

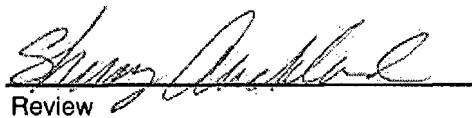
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Jicarilla 95 # 6**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Barian Williamson  
Printed

  
Review

Sherry Auckland  
Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-0169
Sample No.:	3	Date Reported:	4/28/2010
Sample ID:	East Wall	Date Sampled:	4/23/2010
Sample Matrix:	Soil	Date Analyzed:	4/23/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

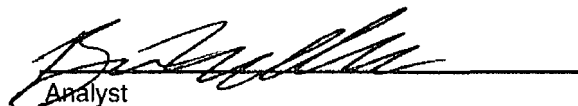
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	52	5.0

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 95 # 6**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Barian Williamson  
Printed

  
Review

Sherry Auckland  
Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-0169
Sample No.:	4	Date Reported:	4/28/2010
Sample ID:	South Wall	Date Sampled:	4/23/2010
Sample Matrix:	Soil	Date Analyzed:	4/23/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

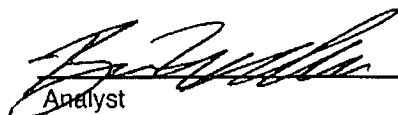
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	44	5.0

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 95 # 6**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Barian Williamson  
Printed

  
Review

Sherry Auckland  
Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-0169
Sample No.:	5	Date Reported:	4/28/2010
Sample ID:	West Wall	Date Sampled:	4/23/2010
Sample Matrix:	Soil	Date Analyzed:	4/23/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	44	5.0

ND = Parameter not detected at the stated detection limit.

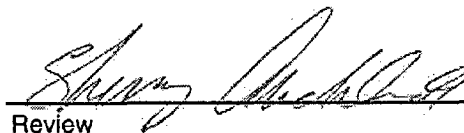
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Jicarilla 95 # 6**

Instrument calibrated to 200 ppm standard. Zeroed before each sample

  
Analyst

Barian Williamson  
Printed

  
Review

Sherry Auckland  
Printed