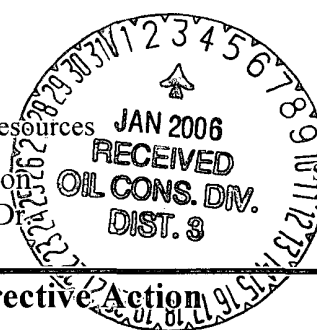


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 June 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

API# 30-045-31857

OPERATOR

Initial Report ☐ Final Report ☒

Name of Company: Energen Resources Corporation	Contact : Larry M. Brooks
Address : 2198 Bloomfield Hwy, Farmington, NM 87401	Telephone No.: 505-325-6800
Facility Name: Santa Rosa 17 #4	Facility Type : Producing Natural Gas Well Site

Surface Owner :	Mineral Owner	Lease No.:
Federal		NMSF 076337

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	17	29N	9W	1925	SOUTH	715	EAST	SAN JUAN

NATURE OF RELEASE

Type of Release: Condensate Storage Tank Leak	Volume of Release: 79 BBLS.	Volume Recovered : All
Source of Release: 210 BBI site storage tank	Date and Hour of Occurrence: Between 11/30/2005 and 12/2/2005	Date and Hour of Discovery: 12/2/2005 10:00 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? D. Foust	
By Whom? K. Skelton	Date and Hour – 12/2/2005 12:00 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The leak originated from the failure of the tank 2" BS&W drain valve. Water within the drain valve body froze and cracked the valve. Immediate action was taken to isolate the leak and repair the valve and also contain the liquid. Pooled liquid was recovered with a vacuum truck and placed within containment facilities on site.

Describe Area Affected and Cleanup Action Taken.*

- (See attached report for drawings of affected areas, associated testing and results, location of incident, and details of clean-up.)
- Immediate action was taken at the discovery of the spill to minimize the affected areas and attempts were made to recover pooled and free liquids. 46 bbls of fluid was recovered.
- Remove oil storage tank and pit for excavation of contaminated soil.
- Remove 240 yards of contaminated soil and haul to approved landfarm.
- Replace contaminated soils with clean backfill soil.
- Re-set tank and pit and re-build burms and install 40 mil thick poly liner over the entire secondary containment area.
- Replace damaged and failed valves with new freeze-proof valves.
- Transferred production fluids back to the pit and oil tank and put the facility back into full operation.

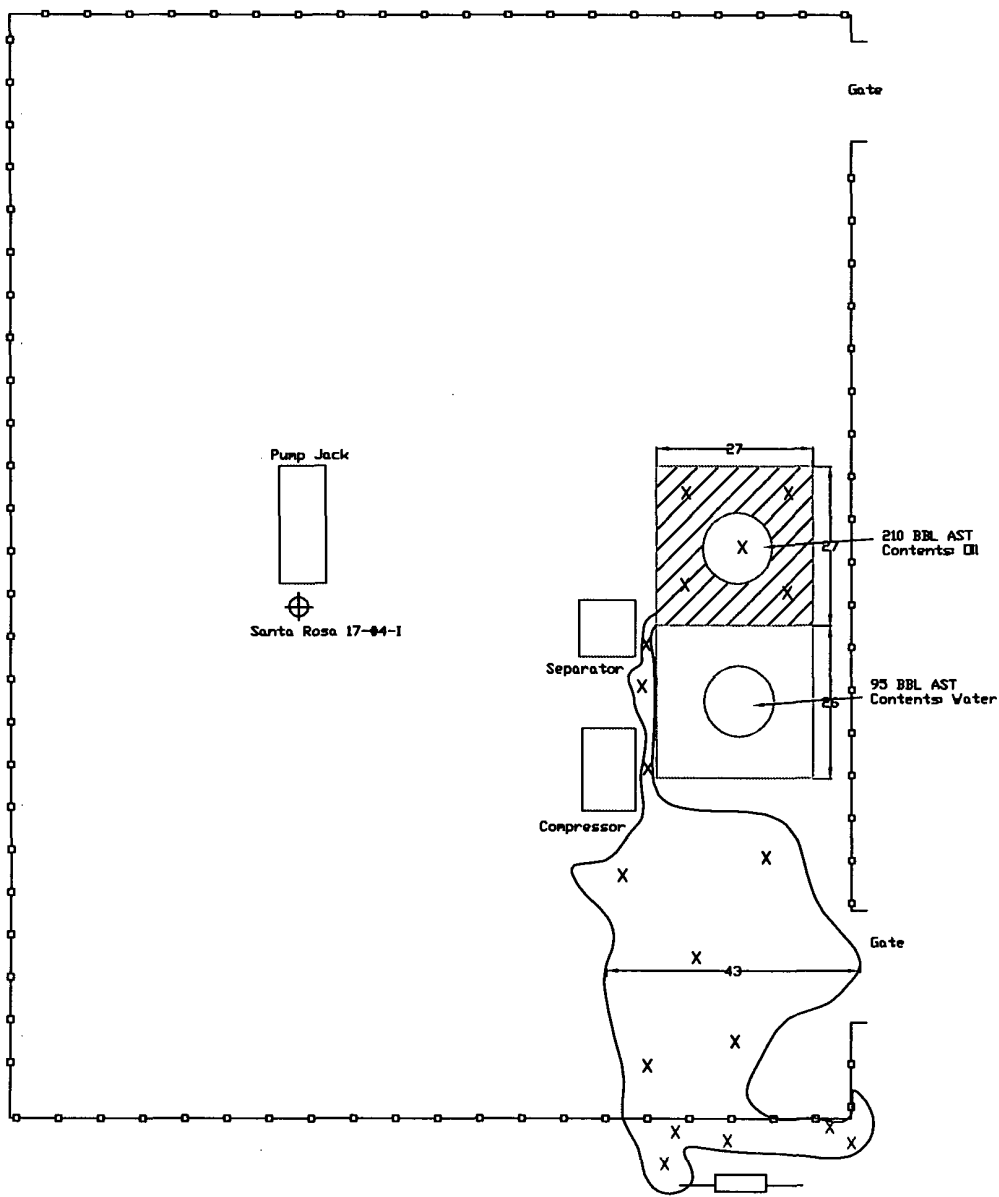
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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: Larry M. Brooks		Approved by District Supervisor: <i>[Signature]</i> for Charlie Perron	
Title: Production Foreman		Approval Date: 1/23/06	Expiration Date:
E-mail Address: lbrooks@energen.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/29/2005 Phone: 505-326-6131			

* Attach Additional Sheets If Necessary

N DGF0536139038

7



Legend

- Impacted Areas
- Equipment
- Berm/Secondary Containment
- x Sample Point (colors are to differentiate samples)
 - x Sample #3
 - x Sample #5
 - x Sample #6
 - x Sample #4

ENERGEN RESOURCES SANTA ROSA 17-#4-1 Spill Cleanup San Juan County, New Mexico

SCALE: 1" = 32'

PROJECT NO.03022-014

FIGURE NO. 2

REV

REVISIONS

NO.	DATE	BY	DESCRIPTION
MAP DRWN	GWC	12/14/05	BASE DRWN GWC 10/19/05

ENVIRONMENTAL SCIENTISTS & ENGINEERS
ENVIROTECH

5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-014
Sample No.:	3	Date Reported:	12/14/2005
Sample ID:	5-point composite below tank	Date Sampled:	12/8/2005
Sample Matrix:	Soil	Date Analyzed:	12/8/2005
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	232.0	5.0
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ND = Parameter not detected at the stated detection limit.

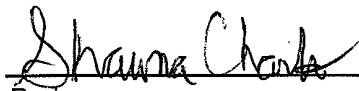
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Energen Resources Santa Rosa 17-#4-I**

Instrument calibration checked against 200 ppm standard. Zeroed before each sample



Analyst



Review

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-014
Sample No.:	6	Date Reported:	12/14/2005
Sample ID:	5-point composite from area excavated by hand	Date Sampled:	12/14/2005
Sample Matrix:	Soil	Date Analyzed:	12/14/2005
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	292.0	5.0
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ND = Parameter not detected at the stated detection limit.

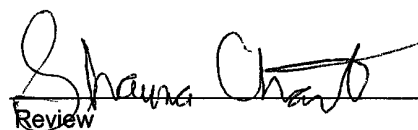
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Energen Resources Santa Rosa 17-#4-I**

Instrument calibration checked against 200 ppm standard. Zeroed before each sample



Analyst



Review

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-014
Sample No.:	4	Date Reported:	12/14/2005
Sample ID:	5-point composite from area outside fence	Date Sampled:	12/12/2005
Sample Matrix:	Soil	Date Analyzed:	12/12/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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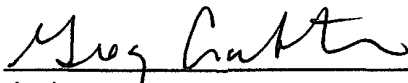
Total Petroleum Hydrocarbons	44.0	5.0
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ND = Parameter not detected at the stated detection limit.

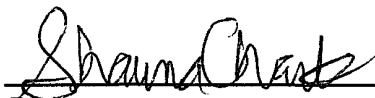
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Energen Resources Santa Rosa 17-#4-I**

Instrument calibration checked against 200 ppm standard. Zeroed before each sample



Analyst



Review

**EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS**

Client:	Energen Resources	Project #:	03022-014
Sample No.:	5	Date Reported:	12/14/2005
Sample ID:	5-point composite from area inside fence	Date Sampled:	12/14/2005
Sample Matrix:	Soil	Date Analyzed:	12/14/2005
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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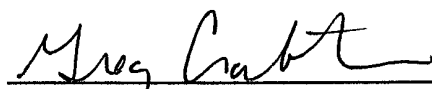
Total Petroleum Hydrocarbons	336.0	5.0
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ND = Parameter not detected at the stated detection limit.

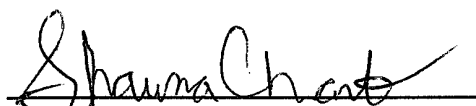
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Energen Resources Santa Rosa 17-#4-I**

Instrument calibration checked against 200 ppm standard. Zeroed before each sample



Analyst



Review

#2 for remediation. Approximately 240 yd³ of contaminated soil was excavated and removed from site; see *Section 3, Bills of Lading*.

Table 1: Field Sampling Results

Sample #	OVM (ppm)	TPH (ppm)	Comments
1	334	8,628	Discrete sample from beneath tank
2	10	12	Discrete sample from excavated area 3' beneath 210 bbl tank
3	21	58	5-point composite from excavated area 3' beneath 210 bbl tank
4	29	44	5-point composite from excavated area outside fenced area
5	59	336	5-point composite from excavated area inside fenced area
6	95	292	Composite sample from area excavated by hand

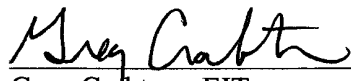
SUMMARY AND CONCLUSIONS

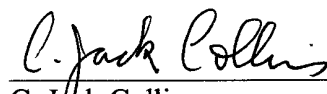
Envirotech has completed monitoring and confirmation sampling at the Santa Rosa 17-#4-I well site located in San Juan County, New Mexico. All impacted areas were cleaned and restored to pre-incident conditions. The clean-up was completed to less than the clean up standards for this site determined by the NMOCD guidelines. Envirotech recommends no further action be taken in this matter.

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.

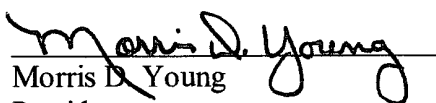
Respectfully submitted,
ENVIROTECH, INC.

Reviewed By:


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