

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

30 039 21145		OPERATOR	<input type="checkbox"/> Initial Report	<input checked="" type="checkbox"/> Final Report
Name of Company: Energen Resources		Contact: Kellie J. Skelton		
Address: 2198 Bloomfield Hwy.		Telephone No. 505-566-4682		
Facility Name: Jicarilla Chacon D-#1		Facility Type: On shore well site		
Surface Owner: Jicarilla Apache Tribe		Mineral Owner: Federal		Lease No.: Contract #413

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	15	23N	3W	1020'	South line	1720'	East Line	Rio Arriba

Latitude 36.21738 Longitude 107.13967

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 200 bbls	Volume Recovered: 20 bbls
Source of Release: Oil Production tank	Date and Hour of Occurrence: 0900 12-14-2004	Date and Hour of Discovery: 1030 am 12-14-2004
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Reported to Denny Foust.	
By Whom?	Date and Hour: 12-15-2004 @ 0815 am	
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.*

NA

Describe Cause of Problem and Remedial Action Taken.*

Lease Operator was in process of draining H2O from Oil tank. Tank drain valve was frozen initially. He drove off, returned an hour and a half later to find he had drained the contents of the tank into berm area surrounding tank and pit. Envirotech was contacted to remediate spill. After completing the spill clean up, Envirotech recommended that an area under the tank be remediated if the tank were ever moved or the well P&A'd. Energen Resources relocated the tank and completed the remediation.

Describe Area Affected and Cleanup Action Taken.*

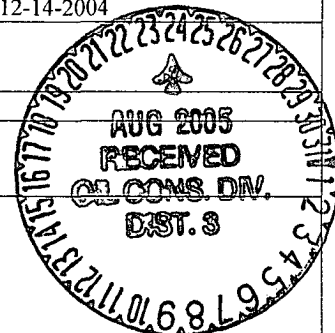
This is a supplemental report to a previous C141 sent in January, 2005.

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: <i>Kellie J. Skelton</i>		OIL CONSERVATION DIVISION	
Printed Name: Kellie Skelton		Approved by District Supervisor: <i>Denny Foust</i> for Charlie Perrin	
Title: E&S Coordinator	Approval Date:	Expiration Date:	
E-mail Address: kskelton@energen.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: Monday, August 22, 2005 Phone: 505-566-4682			

Attach Additional Sheets If Necessary

N DGF0435051834



Monday, August 22, 2005

Jicarilla Environmental Protection Office
P.O. Box 507
Dulce, New Mexico
87528-0507

Dear Leroy Tecube:

SUBJECT: JICARILLA CHACON D#1

Enclosed you will find a supplemental report on the Jicarilla Chacon D#1. We had originally contracted Envirotech for a spill clean up. Envirotech's report was submitted to the Jicarilla EPO on December 15, 2005. In the report issued by Envirotech it was recommended that Energen perform additional clean up if the tank were ever removed. Energen Resources chose not to wait until the tank was removed for maintenance purposes and commenced with the recommended follow up. Please find the attached supplementary report on the final remediation of this location. At this time, Energen Resources considers this clean up complete and final.

If you have any questions or concerns please contact me.

Sincerely,



Kellie Skelton
Environmental Coordinator
Energen Resources

Enclosure (1)



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Energen Resources Chacon Jicarilla D # 1 Clean-up

1. Introduction

A hydrocarbon spill occurred on the Energen Resources Chacon Jicarilla D # 1 oil and gas well location. The spill was excavated and remediated prior to confirmation of bedrock. The spill was located approximately 105-ft, north 90-degrees west of the wellhead.

Once the production tank was removed from the spill area, remedial work began. Upon assessment excavation encountered bedrock at less than 1-ft below the production tank. Excavation was along the bedrock shelf and to the east.

2. Statement of Work

Remediation of the spill was performed prior to this assessment.

1. Biosphere Environmental Sciences & Technologies, LLC (B.E.S.T.), a reputable contractor excavated under where the production tank had been placed and encountered bedrock in less than 1-foot.
2. B.E.S.T. continued excavation toward the east away from the remediated area and next to the bedrock shelf. Excavation was performed with a backhoe.
3. All activities were in accordance with Jicarilla Apache Nation Environmental Protection Office (EPO) and the New Mexico Oil Conservation Division (NMOCD) regulations. Field screening with an Organic Vapor Meter/ Photo Ionization Detector (OVM/PID) was used to determine the horizontal and vertical extent of the contamination.
4. Bedrock was encountered in less than 1-ft of excavation. After excavation a soil sample was collected for confirmation of acceptable levels. OVM/PID soil vapor headspace readings were collected throughout the areas to determine the extents of the contamination. In addition, confirmation soil samples were collected after OVM/PID readings are below 100 ppm. All soil samples were kept on ice and shipped under Chain-of-Custody record to Envirotech Laboratories for analysis per USEPA Method 8015 Total Petroleum Hydrocarbons (TPH) and 8021 BTEX. Soil clean-up standards of 100 ppm TPH and 50-ppm total BTEX were used (see Lab results attached).
5. All excavations were backfilled with native granular soil obtained from an EPO approved backfill pit location and compacted with pneumatic construction machinery until approximately 90% compaction is achieved.

3. Results of Sampling

Field sampling analysis is attached. On April 27, 2005 a soil sample from the bottom and 4-wall composite were analyzed by Envirotech Laboratories. The soil samples of the 4-wall composite and bottom were outside EPO Closure limits. The soil sample from the bottom was adjacent to the bedrock and the 4-wall composite was again next to the bedrock shelf. No further excavation was required. Final analysis of the 4-wall composite was analyzed. (see lab results attached).

Lab Results:

Bottom @ 1-ft	178ppm TPH	4.270ppm BTEX	.00346ppm Benzene
4-wall Comp	1050ppm TPH	13.940ppm BTEX	0.334 ppm Benzene

Site Diagram:

Location: Chacon Jicarilla D # 1

Footages: 1020' FSL & 1720' FEL

Unit Letter: O **Sec.** 15 **Twn.** 28N **Rng** 3W

Latitude: **Longitude:**

Lease Num. **Land Type:** Jicarilla

Spill: N/A

Spill Reference: wellhead

Reference: **Wellhead** **Footage:** 105'

Direction: N or S **90** **Degrees** E or W

Initial size: 0

Final Size: 20' X 20' X 1' deep

Total Cubic Yards: 0

Distances from (ft):

Groundwater: >100-ft

Wellhead Protection Area: >1000-ft

Nearest Surface Water: >1000-ft

Distance to ephemeral stream: 500-ft

(Navajo/Jicarilla only)

Ranking Score (points): 0

Sample ID	Description	OVM Reading
1	btm @ 1-ft	168 ppm
2	4-wall comp @ 1-ft	468 ppm
3		
4		
5		
6		
7		
8		
9		
10		

Comments:
Soil was excavated to 1-ft in depth. Bedrock encountered at 1-ft below surface.

