

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 123C #32 (API # - 3003922971)	Facility Type: Oil/Gas Well Site

Surface Owner: Jicarilla Apache Tribe	Mineral Owner: Jicarilla Apache Tribe	Lease No. Jicarilla Apache 123C
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LOCATION OF RELEASE

Unit Letter K	Section 6	Township 25N	Range 4W	Feet from the 1550	North/South Line South	Feet from the 1520	East/West Line West	County Rio Arriba
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Latitude 36.42552

Longitude -107.29587

NATURE OF RELEASE

Type of Release: Produced Water and Condensate	Volume of Release: 4 bbls total (1 oil / 3 prod. Water)	Volume Recovered: None
Source of Release: Below Grade Tank	Date and Hour of Occurrence: 5/12/10	Date and Hour of Discovery: 5/12/10
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	
By Whom? Bert Thomas	Date and Hour: 5/12/10 at 5 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	

RCVD JUN 10 '10

OIL CONS. DIV.

DIST. 3

If a Watercourse was Impacted, Describe Fully.* NA

Describe Cause of Problem and Remedial Action Taken.*


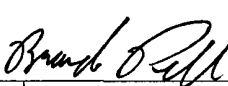
A hole in the fire tube of the separator allowed produced fluids to leak out. The fluids impacted the surface around the separator and a small amount followed a narrow erosion ditch approximately 50 yards off location.

Describe Area Affected and Cleanup Action Taken.*

The separator was moved so that the impacted soil around and beneath the equipment could be removed. Impacted soils, both on and off location - approximately 40 cubic yards, were 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. 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor:  For: CP	
Printed Name: Ed Hasely	Approval Date: 9/28/10	Expiration Date:
Title: Sr. Environmental Engineer	Conditions of Approval:	
E-mail Address: ed.hasely@energen.com	Attached <input type="checkbox"/>	
Date: 6/9/10 Phone: 505-324-4131 / 505-330-3584(cell)		

* Attach Additional Sheets If Necessary

nBP1627139254

6

Client: Energen



Location No:

C.O.C. No:

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE NO: 1 OF 1

LOCATION: NAME: Sicarilla 123C WELL#: 32

QUAD/UNIT: K SEC: 6 TWP: 25N RNG: 46 PM: NM CNTY: R ST: NM

DIR/FOOTAGE: 1550' FSC & 1520' FUC CONTRACTOR: Energen

DATE STARTED: 5/19/10

DATE FINISHED: 5/19/10

ENVIRONMENTAL

SPECIALIST: TLM

EXCAVATION APPROX: 17' FT. X 10' FT. X 4' FT. DEEP CUBIC YARDAGE: N/A

DISPOSAL FACILITY: TNT REMEDIATION METHOD: Landfill

LAND USE: Grazing LEASE: Sicarilla contract 123 LAND OWNER: Sicarilla

CAUSE OF RELEASE: Leaking separator MATERIAL RELEASED: Produced water / Inadvertent oil

SPILL LOCATED APPROXIMATELY: 5' FT. 190' FROM Wellhead

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

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

OIL AND EXCAVATION DESCRIPTION:

100 ppm TPH & 100 ppm OV in accordance w/ Sicarilla Regulations
Lat: N 36° 25.5755' - Sample collect for chlorides off well site.
Long: W 107° 17.7907'

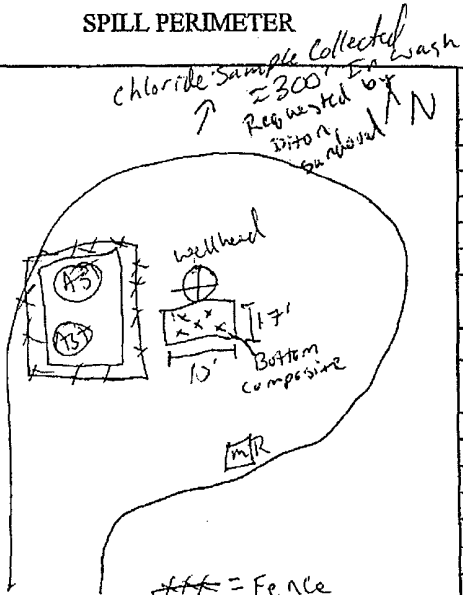
Composite sample @ 1064 deep to proximity of wellhead. Bottom composite at 36 ppm TPH. Closure good by Dyan Skindore

SAMPLE DESCRIPTION	TIME	SAMPLE ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm
STD 200	10:42	—	—	—	—	—	216	—
SPT Composite	12:05	1	—	5	20	4	261	1044
SPT Comp. Bottom	12:23	2	—	5	20	4	89	36

SPILL PERIMETER

OVN RESULTS

SPILL PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
STD 100	100
1	0.0
2	0.0

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME



TRAVEL NOTES: CALLED OUT: 11:00 - 11:45 mabc ONSITE: Done @ 12:45



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Energen Resources	Project #:	03022-0172
Sample No.:	2	Date Reported:	5/24/2010
Sample ID:	5 pt Composite - Bottom	Date Sampled:	5/19/2010
Sample Matrix:	Soil	Date Analyzed:	5/19/2010
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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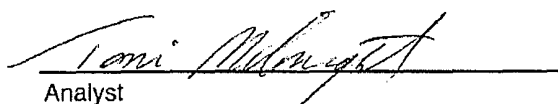
Total Petroleum Hydrocarbons	36	5.0
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ND = Parameter not detected at the stated detection limit.

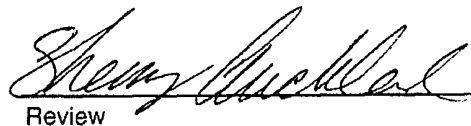
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Jicarilla 123C #32**

Instrument calibrated to 200 ppm standard. Zeroed before each sample


Analyst

Toni McKnight
Printed


Review

Sherry Auckland
Printed



Chloride

Client:	Energen	Project #:	03022-0172
Sample ID:	300' in Wash	Date Reported:	05-21-10
Lab ID#:	54336	Date Sampled:	05-19-10
Sample Matrix:	Soil	Date Received:	05-19-10
Preservative:	Cool	Date Analyzed:	05-21-10
Condition:	Intact	Chain of Custody:	9403

Parameter

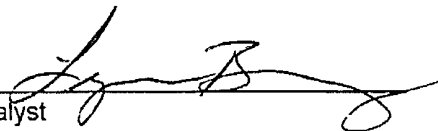
Concentration (mg/Kg)

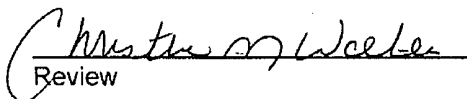
Total Chloride

30

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: Confirmation Sampling / Jicarilla 123C #32


Analyst


Review

Ed Hasely

From: Ed Hasely
Sent: Friday, May 14, 2010 2:55 PM
To: 'Powell, Brandon, EMNRD'
Subject: Spill - Jicarilla 123C #32

Brandon – A small spill was discovered on the subject well on the afternoon of 5/12/10. A hole in the fire tube of the separator allowed the produced fluids to leak out. A small amount of fluid followed a narrow erosion gully off location. The estimated total volume is 4 barrels – 3 barrels of produced water and one barrel of oil. Bryce Hammond was immediately notified and Mr. Hammond and Dixon Sandoval met with Energen personnel on location the next morning.

The spill volume doesn't meet the reportable quantity for the NMOCD, but since we have been working w/ the Jicarilla, I figured I would keep you in the loop. The well is located in Unit Letter K, Sec 6 – T25N – R4W (API # 3003922971). I will be submitting a final C-141 once the cleanup is complete. Let me know if you have questions or would like additional information.

Ed Hasely**Energen Resources Corporation**

Sr. Environmental Engineer
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Cell: (505) 330-3584