

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**

30-043-20499

**OPERATOR**

Initial Report  Final Report

<b>Name of Company:</b> Energen Resources, Inc.	<b>Contact:</b> Ed Hasely
<b>Address:</b> 2010 Afton Place, Farmington, NM 87401	<b>Telephone No:</b> 505-324-4131
<b>Facility Name:</b> Jicarilla 55 #1 (Separator BGT)	<b>Facility Type:</b> Oil/Gas Well Site

<b>Surface Owner:</b> Jicarilla	<b>Mineral Owner:</b> Jicarilla	<b>Lease No.</b> Jicarilla 55
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	35	23N	3W					Rio Arriba

Latitude 36.17707 Longitude -107.12747

**NATURE OF RELEASE**

<b>Type of Release:</b> Produced Fluids	<b>Volume of Release:</b> Unknown	<b>Volume Recovered:</b> 0 bbls
<b>Source of Release:</b> Production Pit Tank	<b>Date and Hour of Occurrence:</b> Unknown	<b>Date and Hour of Discovery:</b> 4/26/13
<b>Was Immediate Notice Given?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<b>If YES, To Whom?</b> Brandon Powell - OCD Hobson Sandoval - Jicarilla	
<b>By Whom?</b> Ed Hasely	<b>Date and Hour:</b> 4/26/13, 7:08 am	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse.</b> NA	

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

RCVD MAY 16 '13  
OIL CONS. DIV.  
DIST. 3

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

Sampling underneath the tank during the below-grade tank closure showed TPH (Method 418.1) results of 180 ppm. According to the Pit Rule, any result over 100 ppm is an indication of a release.

**Describe Area Affected and Cleanup Action Taken.\***

The sample tested 24.9 ppm for TPH utilizing EPA Method 8015, therefore no remediation is necessary. The area was backfilled w/ clean soils. Lab analyses are attached.

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: 	
Title: Sr. Environmental Engineer	Approval Date: 6/11/2013	Expiration Date:
E-mail Address: ed.hasely@energen.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 5/14/13	Phone: 505-324-4131 / 505-330-3584(cell)	

\* Attach Additional Sheets If Necessary

nJK 1316228440



Energen Resources 2010 Afton Place Farmington NM, 87401	Project Name: Jicarilla BGT Project Number: 03022-0001 Project Manager: Ed Hasely	Reported: 25-Apr-13 16:54
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**Jicarilla 55 #1 Sep  
P304073-02 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	50.0	ug/kg	1	1317024	24-Apr-13	24-Apr-13	EPA 8021B	
Toluene	ND	50.0	ug/kg	1	1317024	24-Apr-13	24-Apr-13	EPA 8021B	
Ethylbenzene	ND	50.0	ug/kg	1	1317024	24-Apr-13	24-Apr-13	EPA 8021B	
p,m-Xylene	ND	50.0	ug/kg	1	1317024	24-Apr-13	24-Apr-13	EPA 8021B	
o-Xylene	ND	50.0	ug/kg	1	1317024	24-Apr-13	24-Apr-13	EPA 8021B	
Total BTEX	ND	50.0	ug/kg	1	1317024	24-Apr-13	24-Apr-13	EPA 8021B	
<i>Surrogate: Bromochlorobenzene</i>		87.4 %	80-120		1317024	24-Apr-13	24-Apr-13	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		93.8 %	80-120		1317024	24-Apr-13	24-Apr-13	EPA 8021B	
<i>Surrogate: Fluorobenzene</i>		93.3 %	80-120		1317024	24-Apr-13	24-Apr-13	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1	1317023	24-Apr-13	24-Apr-13	EPA 8015D	
Diesel Range Organics (C10-C28)	24.9	5.00	mg/kg	1	1317023	24-Apr-13	24-Apr-13	EPA 8015D	
GRO and DRO Combined Fractions	24.9	5.00	mg/kg	1	1317023	24-Apr-13	24-Apr-13	EPA 8015D	
<b>Total Petroleum Hydrocarbons by 418.1</b>									
Total Petroleum Hydrocarbons	180	20.0	mg/kg	1	1317036	25-Apr-13	25-Apr-13	EPA 418.1	
<b>Cation/Anion Analysis</b>									
Chloride	80.8	10.0	mg/kg	1	1317026	24-Apr-13	24-Apr-13	EPA 300.0	

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879



## Ed Hasely

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**From:** Ed Hasely  
**Sent:** Friday, April 26, 2013 7:08 AM  
**To:** 'Powell, Brandon, EMNRD'; 'Hobson Sandoval'  
**Subject:** Possible Past Release Notification - Jicarilla 55 #1 Separator BGT

Brandon / Hobson – This is to notify you that the soil samples collected beneath the Separator BGT on the Jicarilla 55 #1 tested 180 ppm TPH (using 418.1 Method). According to the Pit Rule, a 418.1 TPH result over 100 is considered a possible past release. We will proceed with closure per 19.15.29 and 19.15.30.

**Ed Hasely**  
**Energen Resources Corporation**

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**From:** Ed Hasely  
**Sent:** Friday, April 05, 2013 3:02 PM  
**To:** 'Kelly, Jonathan, EMNRD'; 'Hobson Sandoval'  
**Cc:** Jason Peace  
**Subject:** BGT Closure Notification

Jonathan – Energen plans to begin the closure process on the below listed BGT's in the near future. Let me know if you have questions. Thanks.

Jicarilla 55 #1 - Unit Letter K, Section 35, Township 23N, Range 3W
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Jicarilla 55 #2R - Unit Letter P, Section 35, Township 23N, Range 3W
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**Ed Hasely**  
**Energen Resources Corporation**

Sr. Environmental Engineer  
[ed.hasely@energen.com](mailto:ed.hasely@energen.com)  
Office: (505) 324-4131  
Cell: (505) 330-3584

## Ed Hasely

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**From:** Ed Hasely  
**Sent:** Friday, April 26, 2013 7:33 AM  
**To:** 'Hobson Sandoval'  
**Subject:** Jicarilla 55 #1 Separator BGT Closure Plans

Hobson – As stated below, the sample for this BGT came back at 180 ppm TPH using the 418.1 method, therefore according to the OCD rules I have to report it as a possible release. The TPH using the 8015 method was 24.9 ppm, which is well below the closure guidelines, so no remediation is required. We plan to backfill w/ clean soils. Thanks.

**Ed Hasely**  
**Energen Resources Corporation**

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**Ed Hasely**  
**Energen Resources Corporation**

Sr. Environmental Engineer  
[ed.hasely@energen.com](mailto:ed.hasely@energen.com)  
Office: (505) 324-4131  
Cell: (505) 330-3584



May 14, 2013

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

RCVD MAY 16 '13  
OIL CONS. DIV.  
DIST. 3

Re: **Jicarilla 55 #1 (Separator BGT)**  
C-141 Submittal  
Below Grade Tank Closure – Potential Past Release

Dear Mr. Powell:

Enclosed is the final C-141 Form for the possible release identified during a Below-Grade Tank closure on the subject well location.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Ed Hasely'.

Ed Hasely  
Sr. Environmental Engineer  
Energgen Resources

Attachments: Final C-141  
Lab Reports  
Notification

Cc: HSE File  
Facility File  
Jicarilla EPO  
Jicarilla Oil and Gas  
Correspondence