

**Monzeglio, Hope, NMENV**

**From:** Jim Lieb [Jim.Lieb@wnr.com]  
**Sent:** Monday, December 17, 2007 1:51 PM  
**To:** Monzeglio, Hope, NMENV; Chavez, Carl J, EMNRD; Powell, Brandon, EMNRD  
**Cc:** Price, Wayne, EMNRD; Cobrain, Dave, NMENV; Ed Rios; Stan Fisher; Ed Riege; Joel Quinones; Don Riley; Bryon Holbrook; Ann Allen; Cheryl Johnson  
**Subject:** C-141 Form for the Gasoline Spill at the Giant Gallup Refinery Loading Rack on December 4, 2007  
**Attachments:** LoadRack12-4-07.pdf

Hope, Carl, Brandon:

As you know from the messages I left on your phones, we experienced a large spill of gasoline product here at the refinery on December 4, 2007. A tanker driver was opening a valve on a tanker allowing 6,800 gallons of gasoline to leak onto the loading rack pad. We immediately shut down the loading rack and foamed the area to prevent fire. We immediately dispatched a vac truck to vacuum up as much gasoline as possible - approximately 5,000 gallons was vacuumed up. Some of the gasoline made its way to drains in the loading rack area leading to the new API separator. About 300 gallons made its way onto adjoining soil. We washed down the pad with water which was vacuumed up. After the pad cleanup was finished and it was determined it was safe to do so, the rack was put back into service late in the afternoon.

A crew was immediately put to work diking the area where the gasoline leaked onto the soil. We have excavated impacted soil and placed it into either roll off boxes or on plastic liner material. We are currently making arrangements on a facility to accept the soil.

We will take confirmatory soil samples once we have excavated all the impacted soil. We will provide the sampling results to NMED and OCD. Once we receive approval we will back fill the area with clean soil.

We are conducting an incident evaluation on the spill to determine exactly why the spill occurred and how we can prevent a reoccurrence from ever happening again.

If you have any questions, please contact me at (505) 722-0227.

Regards,

Jim Lieb

Environmental Engineer  
Giant Industries, Inc.  
Gallup Refinery  
I-40, Exit 39  
Jamestown, NM 87347  
(505) 722-0227  
fax (505) 722-0210  
jlieb@giant.com

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12/17/2007

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 Western (Giant) Refining: Gallup Refinery	Contact Jim Lieb
Address I-40, Exit 39, Jamestown NM 87347	Telephone No. 505-722-0227
Facility Name: Gallup Refinery	Facility Type Oil refinery

Surface Owner: Giant Industries, Inc.	Mineral Owner: Giant Industries, Inc.	Lease No.
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**LOCATION OF RELEASE**

Unit Letter	Section 23 & 33	Township 15N	Range 15W	Feet from the	North/South Line	Feet from the	East/West Line	County McKinley
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Latitude 35°29'30"      Longitude -108°24'40"

**NATURE OF RELEASE**

Type of Release: Gasoline Product	Volume of Release: 6,800 gallons	Volume Recovered: 5,000 gallons
Source of Release: Tanker Loading Rack	Date and Hour of Occurrence: 12/4/07 @ 1230 hours	Date and Hour of Discovery: 12/4/07 @ 1230 hours
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD - Carl Chavez NMED - Hope Monzeglio	
By Whom? Jim Lieb	Date and Hour 12/4/07 at 1426 hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

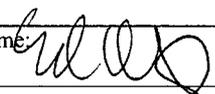
If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

A truck driver inadvertently opened a valve on a tanker and gasoline poured out onto the loading dock pad. Most of the gasoline was contained on the pad and some entered the process sewer that goes to the new API separator (NAPIS). Some of the gasoline spilled over the pad onto adjacent soil. We immediately shut down the loading dock and foamed the pad to prevent fire. A vac truck was immediately dispatched to recover spilled gasoline product. The area was also flushed with water spray to reduce likelihood of fire and to assist recovery of gasoline by the vac truck. A crew of 8 workers was put to work to dig up the impacted soil. The crew also built a low dike of soil around the impacted area.

Describe Area Affected and Cleanup Action Taken.\* The release is restricted to the loading dock area. None of the release got off Giant property. The pad was washed down to help prevent fire and assist with vac truck recovery. A vac truck was able to recover approximately 5,000 gallons of gasoline product which was directed into the New API. We estimate that approximately 300 gallons of gasoline was released to the soil. The balance evaporated. The impacted soil was removed and placed either directly into roll-off boxes or on plastic liner until additional boxes can be obtained. We will sample the excavated area to ensure all the gasoline contamination has been removed. Upon OCD and NMED approval, the excavation will be back-filled with fresh soil after confirmatory sampling is conducted.

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:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name:  ED RIOS	Approved by District Supervisor:		
Title: General Manager	Approval Date:	Expiration Date:	
E-mail Address: erios@giant.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: December 7, 2007      Phone: (505) 722-0202			

\* Attach Additional Sheets If Necessary

**Monzeglio, Hope, NMENV**

**From:** Bryon Holbrook [Bryon.Holbrook@wnr.com]  
**Sent:** Tuesday, December 18, 2007 7:29 AM  
**To:** Monzeglio, Hope, NMENV; Chavez, Carl J, EMNRD; Jim Lieb; Powell, Brandon, EMNRD  
**Cc:** Price, Wayne, EMNRD; Cobrain, Dave, NMENV; Ed Rios; Stan Fisher; Ed Riege; Joel Quinones; Don Riley; Ann Allen; Cheryl Johnson; Cobrain, Dave, NMENV; Frischkorn, Cheryl, NMENV; martin; Bill Robertson  
**Subject:** RE: C-141 Form for the Gasoline Spill at the Giant Gallup Refinery Loading Rack on December 4, 2007

All,

The contaminated soils sample was delivered on 12-14-07 to Hall Labs for a full waste determination. Results should be delivered by mid week to make an appropriate waste determination. Due to the inclement weather, the remaining areas of concern (three small areas previously excavated) will be removed this week and clean closure results can be acquired.

Bryon Holbrook  
 Gallup Refinery

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**From:** Monzeglio, Hope, NMENV [mailto:hope.monzeglio@state.nm.us]  
**Sent:** Monday, December 17, 2007 4:23 PM  
**To:** Chavez, Carl J, EMNRD; Jim Lieb; Powell, Brandon, EMNRD  
**Cc:** Price, Wayne, EMNRD; Cobrain, Dave, NMENV; Ed Rios; Stan Fisher; Ed Riege; Joel Quinones; Don Riley; Bryon Holbrook; Ann Allen; Cheryl Johnson; Cobrain, Dave, NMENV; Frischkorn, Cheryl, NMENV  
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NMED required the confirmation samples to be analyzed for 8260, RCRA 8 metals, MTBE, TPH (GRO and DRO). The soil that was excavated for disposal purposes must be profiled for disposal. Refer to the requirements found in of 40 CFR 261 (Characteristics of Hazardous Waste).

Hope

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**From:** Chavez, Carl J, EMNRD  
**Sent:** Monday, December 17, 2007 4:10 PM  
**To:** Jim Lieb; Monzeglio, Hope, NMENV; Powell, Brandon, EMNRD  
**Cc:** Price, Wayne, EMNRD; Cobrain, Dave, NMENV; Ed Rios; Stan Fisher; Ed Riege; Joel Quinones; Don Riley; Bryon Holbrook; Ann Allen; Cheryl Johnson  
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Jim, et al:

The OCD received a call from the consultant who was involved in the cleanup of contaminated soils and was requesting to know the type of testing and locations to sample. After speaking to him I directed him to NMED to discuss OCD recommendations.

He said that there was sheet flow over an area and then narrows to about a 4 inch wide flow down slope toward the leading edge of the release. The OCD typically views the release as an excavation with a base and sidewalls. However, the consultant indicated that the sheet flow was not very deep and the narrow flow release was also not anticipated to be very deep.

Could you please characterize the dimensions of the release and run the type of analytical testing and locations for sampling by the OCD & NMED to verify that soil remediation is complete? I know the 8260 for VOCs, TPH, possibly MTBE, and RCRA Metals at a minimum may be acceptable to the OCD, I presume you're using olefactory senses, soil staining and hand held PIDs to help guide the final sampling? Thank you.

Carl J. Chavez, CHMM  
 New Mexico Energy, Minerals & Natural Resources Dept.  
 Oil Conservation Division, Environmental Bureau

12/18/2007

1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3491  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

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Regards,

Jim Lieb

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I-40, Exit 39  
Jamestown, NM 87347  
(505) 722-0227  
fax (505) 722-0210  
[jl Lieb@giant.com](mailto:jl Lieb@giant.com)

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12/18/2007