

WRG 2016

Spent caustic / acid soluble oil spill 4/3/16

Form C-141 Revised August 8, 2011

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

### Release Notification and Corrective Action

**OPERATOR**  Initial Report  Final Report

Name of Company: WESTERN REFINING	Contact: Beck Larsen
Address: I-40 / EXIT 39, JAMESTOWN, NM 87347	Telephone No. (505) 722-0258
Facility Name: WESTERN REFINING (GALLUP REFINERY)	Facility Type: Petroleum Refinery

Surface Owner	Mineral Owner	API No.
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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
	28	15 N	15 W					MCKINLEY

Latitude 35° 029' 024" Longitude 108° 024' 024"

### NATURE OF RELEASE

Type of Release: Spent Caustic/ Acid Soluble Oil (ASO)	Volume of Release- 4 bbls (168 gal)	Volume Recovered: 3 bbls (126 gal)
Source of Release: Baker Frac Tank	Date and Hour of Occurrence 4-3-16 @ 1145 hrs	Date and Hour of Discovery 4-3-16 @ 1145 hrs
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD (C. Chavez;/Brandon Powell); /NMED HWB (Kristen Van Horn),	
By Whom? Ed Riege, Manager of Remediation	Date and Hour: 4-4-16 @ 1000 hrs	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.\* N/A

Describe Cause of Problem and Remedial Action Taken.\* Spent caustic was offloaded into a Baker Frac Tank that contained Acid Soluble Oil (ASO). The Baker Frac Tank was overfilled spilling about 4 bbls of caustic/ ASO mixture onto the soil. The onsite vacuum truck was dispatched to remove all liquid material from the affected area.

Describe Area Affected and Cleanup Action Taken.\* The affected area included the earthen area to the east side of the baker tank and about 2 to 3 feet wide by 15 yards long north of the roadway. Soil removal and cleanup began on Tuesday, April 8, 2015 and was completed on Wednesday, April 9. Approximately 30 to 36 cubic yards of material was removed and will be transported off-site as Hazardous Waste to Advanced Chemical Transport (ACT) in Albuquerque, NM. The material recovered was brown to black in color. Soil samples were collected using EPA Method 5035 sampling techniques and submitted to the laboratory for analysis. Further excavation is pending as determined from evaluation of analysis. Methods to prevent the recurrence will be to improve labeling and control of work.

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: Beck Larsen	Approved by Environmental Specialist:	
Title: Environmental Engineer	Approval Date:	Expiration Date:
E-mail Address: Thurman.larsen@wnr.com	Conditions of Approval:	
Date: 4/7/2016 Phone: (505) 722-0258	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

## VanHorn, Kristen, NMENV

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**From:** Riege, Ed <Ed.Riege@wnr.com>  
**Sent:** Wednesday, May 11, 2016 2:12 PM  
**To:** Chavez, Carl J, EMNRD  
**Cc:** VanHorn, Kristen, NMENV; Griswold, Jim, EMNRD  
**Subject:** RE: Spent Caustic/ASO Baker Tank Overflow from 4-3-16  
**Attachments:** 201605111358.pdf

Hi Carl,

Beck no longer works here. ACT is a waste broker who has a TSD in Albuquerque. Sometimes they will take our waste to their facility before sending it out for disposal, but not that often. In the case of this spill the cleanup soil waste is still onsite and will probably go directly to the disposal site. I've included a drawing showing where the spill site is (see red ink). It is located directly south of the hot oil tank farm located on the map as (TYP).

Thanks,  
Ed

Ed Riege  
Remediation Manager

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**From:** Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
**Sent:** Wednesday, May 11, 2016 11:32 AM  
**To:** Riege, Ed  
**Cc:** VanHorn, Kristen, NMENV; Griswold, Jim, EMNRD  
**Subject:** FW: Spent Caustic/ASO Baker Tank Overflow from 4-3-16

This email was sent by an external sender. Please use caution when opening attachments, clicking web links, or replying until you have verified this email sender.

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Ed:

Good morning. OCD and NMED did not hear back from Beck on our questions based on the above subject release.

Could you please respond. Thank you.

Carl J. Chavez, CHMM  
Environmental Engineer  
Oil Conservation Division- Environmental Bureau  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
Phone: (505) 476-3490  
Main Phone: (505) 476-3440  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: [www.emnrd.state.nm.us/ocd](http://www.emnrd.state.nm.us/ocd)

Why not prevent pollution, minimize waste, reduce operation costs, and move forward with the rest of the Nation? To see how, go to "Publications" and "Pollution Prevention" on the OCD Website.

**Oil Conservation Division- Environmental Bureau**

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Santa Fe, New Mexico 87505  
Phone: (505) 476-3490  
Main Phone: (505) 476-3440  
Fax: (505) 476-3462**

**E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: [www.emnrd.state.nm.us/ocd](http://www.emnrd.state.nm.us/ocd)**

**Why not prevent pollution, minimize waste, reduce operation costs, and move forward with the rest of the Nation? To see how, go to "Publications" and "Pollution Prevention" on the OCD Website.**

**From:** Larsen, Thurman [<mailto:Thurman.Larsen@wnr.com>]

**Sent:** Thursday, April 07, 2016 1:22 PM

**To:** VanHorn, Kristen, NMENV <[Kristen.VanHorn@state.nm.us](mailto:Kristen.VanHorn@state.nm.us)>; Chavez, Carl J, EMNRD <[CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)>; Cobrain, Dave, NMENV <[dave.cobrain@state.nm.us](mailto:dave.cobrain@state.nm.us)>

**Cc:** Gieser, Bernie (CTR) <[Bernie.Gieser.ctr@wnr.com](mailto:Bernie.Gieser.ctr@wnr.com)>; Darnell, James <[James.Darnell.ctr@wnr.com](mailto:James.Darnell.ctr@wnr.com)>; Riege, Ed <[Ed.Riege@wnr.com](mailto:Ed.Riege@wnr.com)>; Hains, Allen <[Allen.Hains@wnr.com](mailto:Allen.Hains@wnr.com)>; Larsen, Thurman <[Thurman.Larsen@wnr.com](mailto:Thurman.Larsen@wnr.com)>

**Subject:** Spent Caustic/ASO Baker Tank Overflow from 4-3-16

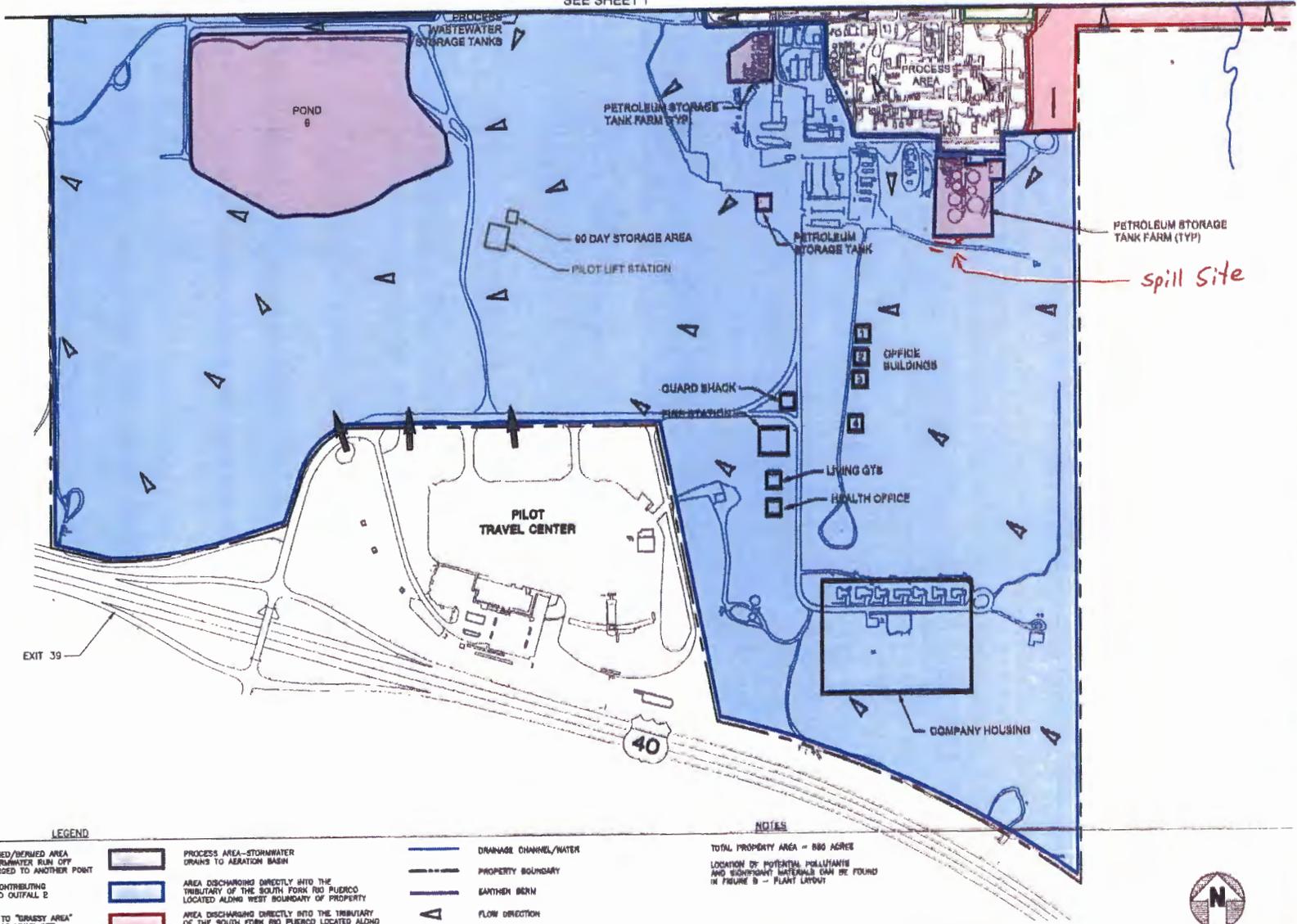
Dear Kristen and Carl,

Here is the initial C-141 for the Caustic/ASO Overflow that occurred on 4-3-2016.  
Please let me know if you have any additional questions.

Regards,

Thurman Beck Larsen  
Environmental Engineer  
Western Refining Southwest (Gallup Refinery)  
Office: (505) 722-0258  
Cell: (505) 862-1749

MATCHLINE  
SEE SHEET 1



*spill site*

EXIT 39



- LEGEND**
- CONTAINED/REFILED AREA NO STORMWATER RUN OFF DISCHARGED TO ANOTHER POINT
  - AREA CONTRIBUTING FLOW TO OUTFALL 2
  - DRAINS TO "BRASSY AREA" DOES NOT LEAVE SITE
  - STORMWATER COLLECTION BASIN
  - PROCESS AREA-STORMWATER DRAINS TO AERATION BASIN
  - AREA DISCHARGING DIRECTLY INTO THE TRIBUTARY OF THE SOUTH FORK RIO PUERTO LOCATED ALONG WEST BOUNDARY OF PROPERTY
  - AREA DISCHARGING DIRECTLY INTO THE TRIBUTARY OF THE SOUTH FORK RIO PUERTO LOCATED ALONG NORTH AND EAST BOUNDARY OF PROPERTY
  - AREA CONTRIBUTING FLOW TO OUTFALL 1
  - DRAINAGE CHANNEL/WATER
  - PROPERTY BOUNDARY
  - EARTHEN BERM
  - FLOW DIRECTION
  - PIPED RUN-ON FROM ADJACENT PROPERTY

**NOTES**

TOTAL PROPERTY AREA = 880 ACRES

LOCATION OF POTENTIAL POLLUTANTS AND SIGNIFICANT MATERIALS CAN BE FOUND IN FIGURE B - PLANT LAYOUT



<p><b>AMEC Environment &amp; Infrastructure, Inc.</b> 4400 E. WASHINGTON STREET, 3RD FLOOR PHOENIX, ARIZONA 85044 PHONE: 602.732.0000 FAX: 602.732.0100</p>	<p><b>STORMWATER POLLUTION PREVENTION PLAN</b> PROJECT C - SEE PLAN</p>
<p><b>WESTERN REFINING</b> GALLUP REFINERY</p>	
<p>DRAWN BY: RWK CHECKED BY: EL DATE: 8-27-15</p>	
<p>PROJECT NO. 15-8013-0010 <b>SWPP-02</b> SHEET NO. 2 of 2</p>	

File: C:\Users\Nancy.mcdougall\AppData\Local\Temp\MapPublisher\_4437\Stormwater\_Map.mxd