

ENTERED WESTERN GALLUP  
DECEMBER 2013

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

Form C-141  
Revised August 8, 2011  
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 Southwest, Incorporated | Contact Beck Larsen              |
| Address 92 Giant Crossing Road Gallup NM 87301           | Telephone No. 505-722-0217       |
| Facility Name Western Refining Southwest Gallup Refinery | Facility Type Petroleum Refinery |

|               |               |         |
|---------------|---------------|---------|
| Surface Owner | Mineral Owner | API No. |
|---------------|---------------|---------|

**LOCATION OF RELEASE**

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
|             |         |          |       |               |                  |               |                |        |

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

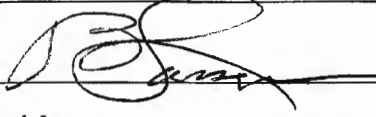
|  |   |   |
|--|---|---|
| Type of Release Fire and hydrocarbon   | Volume of Release 5 to 10 bbls  | Volume Recovered 6-8 bbls                     |
| Source of Release Flare  | Date and Hour of Occurrence 12-10-2013 0625 hr                              | Date and Hour of Discovery 12-10-2013 0630 hr |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>Carl Chavez                      Message Brandon Powell |   |
| By Whom? Ed Riege  | Date and Hour 12-10-13 0725 hr  |   |
| Was a Watercourse Reached?<br><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.\*  
  
Freezing in units caused flare knockout drum to fill up, liquid hydrocarbon to ignited causing a flare fire and hydrocarbon (Diesel) to flow out top of flare. Onsite fire department put out fire.

Describe Area Affected and Cleanup Action Taken.\*  
  
Area impacted around base of flare and diesel travelled with firewater to west for approximately 150 yards (refer to map). Absorbent was applied to hydrocarbon, ditch was plugged off and a vacuum truck removed visible hydrocarbon. Initial confirmations will be collected prior to any cleanup efforts and sent to an Outside Laboratory for analysis. Chemical Transportation Inc (CTI) will initiate cleanup operations. CTI will begin scraping the top soil layers from one to six inches based on visual considerations using a soil excavator. Soil will be brought to a centralized stockpiled location and placed on plastic sheeting. Soil which can not be safely removed with an excavator, will either be removed via hand equipment or a hydro-excavating equipment. Waste Characterization analysis. It is initially estimated that the material to be removed will be approximately 400 to 500 cubic yards. After all excavation work has been completed, confirmation samples will be collected for the area of excavation and the soil piles for disposal using an Outside Laboratory.

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:               |                  | Attached <input type="checkbox"/> |
| Date: 12-23-2013      Phone: (505) 722-0258  |                                       |                  |                                   |

\* Attach Additional Sheets If Necessary

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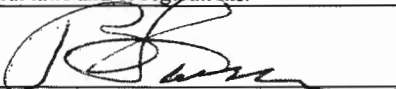
#### NATURE OF RELEASE

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| Source of Release Flare  | Date and Hour of Occurrence 12-10-2013 0625 hr   | Date and Hour of Discovery 12-10-2013 0630 hr |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>SERC (State Police) ; LEPC (Msg); NMED (AQB- Peggy Evans,); OCD (Brandon Powell); OCD (Carl Chavez); NMED (Kristen Van Horn, Msg)  |   |
| By Whom? Ed Riege  | Date and Hour 12-10-13 SERC (State Police @ 0702); LEPC (Msg @ 0705); NMED (AQB, Peggy Evans @ 0715); OCD (Brandon Powell @ 0720); OCD (Carl Chavez@ 0725); NMED (Kristen Van Horn Msg @ 0729) |   |
| Was a Watercourse Reached?<br><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.\*  
Freezing in units caused flare knockout drum to fill up, liquid hydrocarbon to ignited causing a flare fire and hydrocarbon (Diesel) to flow out top of flare. Onsite fire department put out fire.

Describe Area Affected and Cleanup Action Taken.\* The area impacted was around the base of the flare and diesel/hydrocarbon traveled with firewater to the west for approximately 150 yards (refer to attached map). Absorbent was applied to hydrocarbon, ditch (culvert) was plugged off and a vacuum truck removed visible hydrocarbon. Initial confirmation samples were collected (lab report attached) prior to cleanup efforts and sent to Hall Labs for analysis. Chemical Transportation Inc (CTI) initiated soil removal cleanup operations starting on 12/13/14. CTI scraped the top soil layers from one to six inches based on visual considerations using a soil excavator. Soil was taken to a centralized stockpiled location and placed on plastic sheeting with an earthen dike placed around soil. Soil which could not be safely removed with an excavator, was either removed via hand equipment or hydro-excavating equipment. The material removed was 657 cubic yards of diesel and hydrocarbon contaminated soil which was taken to Waste Managements Painted Desert Landfill near Joseph City AZ. After all excavation work was completed, confirmation samples were collected for the area of excavation and the soil pile using Hall Labs (lab report attached). Pictures of the cleanup area 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: Beck Larsen  | Approved by Environmental Specialist: |                  |
| Title: Environmental Engineer  | Approval Date:                        | Expiration Date: |
| E-mail Address: Thurman.larsen@wnr.com   | Conditions of Approval:               |                  |
| Date: 03-14-2014 Phone: (505) 722-0258   | Attached <input type="checkbox"/>     |                  |

\* Attach Additional Sheets If Necessary



Above Ground  
Waste Water  
Pipeline

Sample Point #1

Sample Point #3

Sample Point #2

Flare Stack  
at API Area

Sample Point #8

Sample Point #6

Path of flow downhill in a westerly direction from  
the Flare Stack.

Culvert blocked off  
to stop flow

Sample Point #7

Area cleaned up

Sample Point #5

Culvert blocked off  
to stop flow

Sample Point #4