

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	Chevron USA Inc.	Contact	Josepha DeLeon
Address	6301 Deauville Blvd., Midland, TX 79706	Telephone No.	wk: 575-263-0424 cell: 432-425-1528
Facility Name	Vacuum Glorietta West Unit Battery	Facility Type:	Battery

Surface Owner	State	Mineral Owner	State of New Mexico	API No.	See attached
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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
C	36	17S	34E					Lea

Latitude 32.796051 Longitude; -103.514502

### NATURE OF RELEASE

Type of Release	Spill	Volume of Release:	Volume Recovered:
		0.3 barrels oil;	0.3 barrels oil
		15.93 barrels produced water	13 barrels produced water
Source of Release	Trunkline	Date and Hour of Occurrence	Date and Hour of Discovery
		03/30/2017 07:00 AM	03/30/2017 07:30 AM
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
		Voicemail: Olivia Yu	
By Whom?	Josepha DeLeon	Date and Hour:	03/30/2017 09:00 AM
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.\*

N/A

**RECEIVED**

**By Olivia Yu at 8:20 am, Apr 14, 2017**


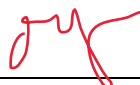
Describe Cause of Problem and Remedial Action Taken.\*

Broken fiberglass on trunkline, releasing 0.3 barrels oil, 15.93 barrels produced water in bermed containment.  
Recovered 0.3 barrels oil and 13 barrels produced water.

Describe Area Affected and Cleanup Action Taken.\*

Shut lease in. Vacuum truck extracted liquid. Repaired trunkline.

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:			
Printed Name:	Josepha DeLeon	Approved by Environmental Specialist: 	
Title:	HES Compliance Support - Environmental	Approval Date:	4/14/2017
E-mail Address:	jdx@chevron.com	Expiration Date:	
Date	04/12/2017	Phone:	432-425-1528
		Conditions of Approval:	Attached <input checked="" type="checkbox"/>
		see attached directive	

\* Attach Additional Sheets If Necessary

1RP-4677

nOY1710431737

pOY1710431706

fKL1628136879

VGWU 7 VGLOR	300250209100
VGWU 6 VGLOR	300250209400
VGWU 45 VGLOR	300252005000
VGWU 34 VGLOR	300252014300
VGWU 86H VGLOR	300252017901
VGWU 90H VGLOR	300252027001
VGWU 103H VGLOR	300252033901
VGWU 71 VGLOR	300252066500
VGWU 116H VGLOR	300252075301
VGWU 84H VGLOR	300252077801
VGWU 76 VGLOR Z/R	300252078400
VGWU 62 VGLOR	300252086300
VGWU 126H VGLOR	300252103101
VGWU 24 VGLOR	300252104100
VGWU 61H VGLOR	300252143201
VGWU 87 VGLOR	300252163700
VGWU 23 VGLOR	300252167500
VGWU 3 VGLOR	300252186600
VGWU 47 VGLOR	300252791300
VGWU 99H VGLOR	300252991901
VGWU 102 VGLOR	300253012600
VGWU 88H VGLOR	300253020601
VGWU 100 VGLOR	300253047600
VGWU 73 VGLOR	300253071400
VGWU 58 VGLOR	300253071500
VGWU 60H VGLOR	300253071601
VGWU 72Y VGLOR	300253077901
VGWU 74 VGLOR	300253096800
VGWU 118H VGLOR	300253112901
VGWU 115H VGLOR	300253113101
VGWU 114H VGLOR	300253113201
VGWU 18 VGLOR	300253178200
VGWU 19 VGLOR	300253178300
VGWU 20 VGLOR	300253180700
VGWU 20 VGLOR Z/R	300253180700
VGWU 55 VGLOR	300253181700
VGWU 98 VGLOR	300253226300

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 4/12/2017 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 1R-4677 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

*The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]*

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 1 office in Hobbs on or before 5/14/2017. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C<sub>6</sub> thru C<sub>36</sub>), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

**Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.**

**Jim Griswold**

OCD Environmental Bureau Chief  
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