

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

FEB 05 2018

Form C-141
Revised April 3, 2017

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

Initial only

NAB1803736033

OPERATOR

Initial Report Final Report

Name of Company: Chevron USA Inc. 4323	Contact: Josepha DeLeon
Address: 6301 Deauville Blvd., Midland, TX 79706	Telephone No.: 575-263-0424
Facility Name: Skeen CTB	Facility Type: Central Tank Battery

Surface Owner: <u>Private</u>	Mineral Owner: State	API No: 30-015-41047
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State

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	02	26S	27E	175	North	1980	East	Eddy

Latitude 32.078476 Longitude -104.1631546 NAD83

NATURE OF RELEASE

*Type of Release: Spill *Oil	Volume of Release: 141.3 barrels oil	Volume Recovered: 140 barrels oil
Source of Release: Victaulic clamp	Date and Hour of Occurrence: 01/19/2018; 04:10 AM	Date and Hour of Discovery: 1/19/2018; 04:10 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher / Crystal Weaver - email Shelly Tucker / Jim Amos - email	
By Whom? Josepha DeLeon	Date and Hour: 01/19/2018; 10:24 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

Describe Cause of Problem and Remedial Action Taken.*
Failure of Victaulic clamp on top of check valve. Shut in lease.

Describe Area Affected and Cleanup Action Taken.*
Spill to bermed lined containment. The area of outside bermed area is not affected. Vacuum truck recovered ~140 barrels oil. Liner was inspected and found integrity to be in good condition (pictures attached). Steam wash and further vacuum residual amount; and apply bio-remediation and add additional gravel to aid the remediation within the secondary containment.

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: <i>Josepha DeLeon</i>	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Josepha DeLeon	Approved by Environmental Specialist: <i>Crystal W</i>	
Title: HES Specialist - Compliance Support, Environmental	Approval Date: 2/6/18	Expiration Date: N/A
E-mail Address: jdx@chevron.com	Conditions of Approval: see attached	Attached REP-4603
Date: February 5, 2018	Phone: 575-263-0424	

* Attach Additional Sheets If Necessary

Operator/Responsible Party,

The OCD has received the form C-141 you provided on **2/5/18** regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number ARP-4103 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 II office in Artesia on or before 3/5/18. 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; C₆ thru C₃₆), 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; C₆ thru C₃₆), 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

1220 South St. Francis Drive

Santa Fe, New Mexico 87505

505-476-3465

jim.griswold@state.nm.us

Weaver, Crystal, EMNRD

From: Weaver, Crystal, EMNRD
Sent: Monday, February 5, 2018 4:19 PM
To: DeLeon, Josepha; Bratcher, Mike, EMNRD; 'Tucker, Shelly'; jamos@blm.gov
Cc: Barringer, Andrew J; Debeysey, Svetlana; Honea, Tammy; Naranjo, Mark
Subject: RE: Skeen Spill
Attachments: 01192018 Skeen 2.pdf

Also Josie,

I show this one as state surface/state minerals (SLO). So unless I have something incorrect the State Land Office should have been included in this email and not the BLM. Please anyone feel free to correct me if I have that wrong. Also I show this as being in Unit Letter C not B. I have included the State Land Office members on this email so that they may weigh in on the above mentioned.

Thanks,

Crystal Weaver

Environmental Specialist
OCD – Artesia District II
811 S. 1st Street
Artesia, NM 88210
Office: 575-748-1283 ext. 101
Cell: 575-840-5963
Fax: 575-748-9720

From: Weaver, Crystal, EMNRD
Sent: Monday, February 5, 2018 3:54 PM
To: DeLeon, Josepha <JDxD@chevron.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; 'Tucker, Shelly' <stucker@blm.gov>; jamos@blm.gov
Cc: Barringer, Andrew J <Andrew.Barringer@chevron.com>; Debeysey, Svetlana <LDebeysey@chevron.com>
Subject: RE: Skeen Spill

Josie,

We would need before clean-up and after clean-up pictures. I will mark this C-141 as an Initial only so that we can get it processed now. So if you can please send in a final C-141 with the after clean up pictures once you get a chance. If both before and after clean up pictures had been attached to this Initial/Final request then all would have been included that would have been required in order to process it as an Initial/Final.

So one more set of pics and this can work for next time.

Thanks Josie.

Weaver, Crystal, EMNRD

From: Weaver, Crystal, EMNRD
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So one more set of pics and this can work for next time.

Thanks Josie.

Sincerely,

Crystal Weaver

Environmental Specialist
OCD – Artesia District II
811 S. 1st Street
Artesia, NM 88210
Office: 575-748-1283 ext. 101
Cell: 575-840-5963
Fax: 575-748-9720

From: DeLeon, Josepha [mailto:JDxD@chevron.com]
Sent: Monday, February 5, 2018 9:06 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; 'Tucker, Shelly' <stucker@blm.gov>; jamos@blm.gov
Cc: Barringer, Andrew J <Andrew.Barringer@chevron.com>; Debeysey, Svetlana <LDebeysey@chevron.com>
Subject: Skeen Spill

Attached is the second spill that occurred at Skeen 2 CTB.

*Josie DeLeon, HES Specialist -
Compliance Support - Environmental
Chevron - MCBU*

Weaver, Crystal, EMNRD

From: DeLeon, Josepha <JDxD@chevron.com>
Sent: Monday, February 5, 2018 9:06 AM
To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; 'Tucker, Shelly'; jamos@blm.gov
Cc: Barringer, Andrew J; Debeyssey, Svetlana
Subject: Skeen Spill
Attachments: 01192018 Skeen 2.pdf

Attached is the second spill that occurred at Skeen 2 CTB.

Josie DeLeon, HES Specialist -

Compliance Support - Environmental

Chevron - MCBU

(New Mexico, East Texas and Ft. Stockton Areas)

1616 W. Bender Blvd.

Hobbs, NM 88240

575-263-0424

432-425-1528 - cell

idxd@chevron.com



Bratcher, Mike, EMNRD

From: DeLeon, Josepha <JDXD@chevron.com>
Sent: Thursday, January 4, 2018 6:27 AM
To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; jamos@blm.gov; Shelly Tucker
Subject: Spill at SKEEN CTB

We had a spill late yesterday. Please accept this as my immediate notification I will submit C141

Date of Spill: 1/3/2018
Group: Delaware basin
Location: Carlsbad
State / County: NM. EDDY COUNTY
API Number or;
Permit Number: N/A
GPS: 32° 4'45.77"N; 104° 9'49.26"W
Incident: Spill to secondary containment Type of secondary containment, if applicable: lined berm, none outside of berm. Pictures are forthcoming.
Material spilled: oil
Volume: 12.3 bbls
Volume Recovered: 8.5 bbls
Description: Failure of victaulic clamp on top of check valve.

Sent from my iPhone

Weaver, Crystal, EMNRD

From: DeLeon, Josepha <JDxD@chevron.com>
Sent: Friday, January 19, 2018 10:24 PM
To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; jamos@blm.gov; Shelly Tucker
Subject: Spill at Skeen 2 CTB

Please accept this as immediate notification of spill as described below. I will follow up in morning.

Date/time of Spill: 1/19/2018
Group: Delaware Basin
Location: Carlsbad
State / County: NM. EDDY COUNTY
API Number or Permit Number (closest well): Skeen 2H API# 30015410470001
GPS: 32° 4'45.77"N; 104° 9'49.26"W
Incident: Spill
Type of secondary containment, if applicable: lined berm; none outside berm.
Material spilled: oil
Volume: approx 100 bbls oil
Volume Recovered: still working spill
LOC: TBD
Severity: TBD
Description: Failure of Victaulic clamp on top of check valve.

Sent from my iPhone