NM OIL CONSERVATION
ARTESIA DISTRICT
JAN 18 2018
RECEIVED

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 April 3, 2017

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

Release Notification and Corrective Action

nAB1801942978

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: Private	Mineral Owner: State	API No: 30-015-41047

LOCATION OF RELEASE

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

Latitude 32.078476 **Longitude** -104.1631546 NAD83

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 12.3 barrels oil	Volume Recovered: 10 barrels oil
Source of Release: Victaulic clamp	Date and Hour of Occurrence: 01/03/2018; 02:00 pm – 6:00 pm	Date and Hour of Discovery: 01/3/2018; 6:30 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher / Crystal Weaver – email Shelly Tucker / Jim Amos - email	
By Whom? Josepha DeLeon	Date and Hour: 01/04/2018; 6:30 AM	
Was a Watercourse Reached? ☐ Yes ☒ 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.*

Vacuum truck extracted oil in bermed, lined containment. No spillage outside bermed area. Recovered 10 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 provide additional remediation to completely clean 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: JDeLeon	OIL CONSERVATION DIVISION Approved by Environmental Specialist:	
Printed Name: Josepha DeLeon		
Title: HES Specialist – Compliance Support, Environmental	Approval Date: 1/19/18	Expiration Date: N/A
E-mail Address: jdxd @chevron.com	Conditions of Approval: See attached	Attached ☐ 2RP-4578
Date: January 18, 2017 Phone: 575-263-0424		

* Attach Additional Sheets If Necessary

1/18/18 AB

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 1/18/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RP-4578 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 2 office in Artesia, NM on or before 2/18/2018. 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 to the following concentrations: benzene 10 mg/kg, total BTEX 50 mg/kg, TPH (GRO+DRO+MRO; C_6 thru C_{36}) 100 mg/kg, chloride 600 mg/kg. 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 to the following concentrations: benzene 10 mg/kg, total BTEX 50 mg/kg, TPH (GRO+DRO+MRO; C_6 thru C_{36}) 100 mg/kg, chloride 250 mg/kg. 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.

- No inference should be made concerning the minimum characterization concentrations expressed above as to the ultimate remediation levels which might be approved. 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 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 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

Bratcher, Mike, EMNRD

From: DeLeon, Josepha <JDXD@chevron.com>
Sent: Thursday, January 18, 2018 2:05 PM
To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD
Cc: Barringer, Andrew J; Debeyssey, Svetlana; Herrera-Murillo, Cindy O
Subject: RE: Spill at SKEEN CTB
Attachments: Skeen 2.pdf

Thank you Mike for your help. Attached is the revised form (4/3/2017) with the updated API # of the well closest to the CTB. I conferred with our Regulatory Specialist and now realize that flaring events and spill events are different in submitting API #'s. Going forward, I will ensure one API # for spills with Long/Lat GPS coordinates as instructed.

Thank you Cindy for your assistance in obtaining correct API number for spills.

-----Original Message-----
From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Thursday, January 18, 2018 1:22 PM
To: DeLeon, Josepha <JDXD@chevron.com>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>
Cc: Barringer, Andrew J <Andrew.Barringer@chevron.com>; Debeyssey, Svetlana <LDebeyssey@chevron.com>
Subject: [**EXTERNAL**] RE: Spill at SKEEN CTB

Hello Josepha,

I am sending a link to the "forms" page on the OCD website. Please download the revised edition of Form C-141 for future use. There isn't any major changes, but it does request the Lat/Long to be in decimal degree/NAD 83 format.

In regard to the current C-141, the Lat/Long will need to be converted from its current format. Also, the form lists five API numbers. We can only use one API number for data entry purposes, so I would suggest using the API number closest to the CTB. All of the listed API numbers have an admin order number assigned for a CTB (they are all, or a combination of, CTB 684-A, CTB 684-B, and, CTB 684-O). The latest image currently on Google Earth is from 2014, but shows a battery of tanks adjacent (west) of the Skeen 2-26-27 St 2H (API: 30-015-41047). Please determine if this is the battery that had the release and resubmit the C-141 on the updated form, using the requested Lat/Long and one API number only. After COB today, I will go ahead and submit the C-141 you sent, for processing using the API number for the 2H. It will be entered as an Initial only, until a corrected copy is received.

Also, I appreciate your including photos of the battery and the statement as to liner integrity. While OCD would prefer photos of the battery after clean up, the statement attesting to liner integrity is required to process the form as "Initial/Final".

Here is the link to the latest version of the form: http://www.emnrd.state.nm.us/OCD/forms.html

It was revised 4/3/2017 and is available in PDF and Word format.

If you have any questions or concerns, please contact me or Crystal Weaver.

Thank you,

Mike Bratcher

NMOCD District 2
811 South First Street
Artesia, NM 88210
575-748-1283 Ext 108

-----Original Message-----
From: DeLeon, Josepha [mailto:JDXD@chevron.com]
Sent: Thursday, January 18, 2018 10:19 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>
Cc: Barringer, Andrew J <Andrew.Barringer@chevron.com>; Debeyssey, Svetlana <LDebeyssey@chevron.com>
Subject: RE: Spill at SKEEN CTB

Mike / Crystal, attached is the C-141 for the spill at Skeen CTB that occurred on January 3, 2018.

-----Original Message-----
From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Thursday, January 04, 2018 6:43 AM
To: DeLeon, Josepha <JDXD@chevron.com>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; jamos@blm.gov; Shelly Tucker <stucker@blm.gov>
Subject: [**EXTERNAL**] RE: Spill at SKEEN CTB

Thank you for the notification.

Mike Bratcher
NMOCD District 2
811 South First Street
Artesia, NM 88210
575-748-1283 Ext 108

-----Original Message-----
From: DeLeon, Josepha [mailto:JDXD@chevron.com]
Sent: Thursday, January 4, 2018 6:27 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; jamos@blm.gov; Shelly Tucker <stucker@blm.gov>
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: approx. 8.5 bbls, still vac
Description: Failure of victaulic clamp on top of check valve.

Sent from my iPhone