HOBBS OCD

SEP 0 2 2014

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 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 ConocoPhillips Company	Contact C.J. Coy
Address 3300 N. "A" St., Bldg. 6 #247, Midland, TX 79705	Telephone No. (575) 391-3127
Facility Name Warren Unit Well #13	Facility Type Injection well

Surface Owner NMOCD	Mineral Owner BLM	API No. 3002507881

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
Q	34	20S	38E	660	South	1980	East	Lea

Latitude N 32 31.4394 Longitude W 103 08.0580

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 441	Volume Recovered 21
Source of Release 2 inch steel injection line	Date and Hour of Occurrence 7/4/13 8:30 am	Date and Hour of Discovery 7/7/13 9 am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking	
By Whom? Jesse Sosa	Date and Hour July 8, 2013 7:45 am	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* DMSO was notified of an injection line leaking 300 yards west of WU well #13. Employee isolated 2 inch steel line (25+ years) at the WU injection header and well. A vacuum truck was called to the site and recovered 21 barrels of produced water.

Describe Area Affected and Cleanup Action Taken.* The release affected 9,482 square feet of pasture land. RECS personnel were on site beginning on July 12th, 2013 to initiate work. Eight verticals were installed at the site to determine the extent of the release. To further delineate the site, soil bores were installed at the site on July 26th and on August 6th and 7th, 2013. A total of 20 soil bores were installed at the site. Based on the soil bore data, as the release moved downward through the vadose zone, it hit a semi-permeable layer at 20-25 ft bgs, where the release moved horizontally over this layer. The outer soil bores delineated the edges of the release. SB-20 was installed at the site on July 26th, 2013, to determine the depth to groundwater at the site. NMOCD was notified of potential groundwater impact at the site on July 26th, 2013. A CAP was submitted to NMOCD on October 21st, 2013, and an Addendum to the CAP was submitted to NMOCD on October 24th, 2013. NMOCD approved the CAP and Addendum on October 29th, 2013. Beginning on November 12th, 2013, RECS personnel were on site to begin excavating for the liner installation. The release area was excavated to a depth of 5 ft bgs. Once the excavation was completed, wall samples were taken and sent to a commercial laboratory to confirm that the horizontal contamination in the top five feet of the vadose zone was removed. The site was then excavated to 211 ft x 153 ft x 5 ft bgs. Excavated soils were evaluated for use as backfill and soils that had chloride values higher than 500 mg/kg and a field PID higher than 100 ppm were taken to a NMOCD approved facility for disposal. A total of 2,168 cubic yards of soil was taken to a NMOCD approved facility for disposal. An eight point composite of the remaining soil was taken to a commercial laboratory for analysis. Final wall samples from the 211 ft x 153 ft excavation were taken to a commercial laboratory for analysis. A 20-mil reinforced poly liner was installed and properly seated into the base of the 211 ft x 153 ft excavation. The excavation was backfilled with the remaining excavated soil followed by imported soil. A sample of the imported soil was taken to a commercial laboratory for analysis and returned a chloride result of non-detect. The site was backfilled to ground surface and then seeded with BLM mix #2 on February 18th, 2014. In order to determine if chlorides from the release affected groundwater, MW-1 was installed down-gradient of the site on June 17th, 2014. On July 9th, 2014, RECS sampled MW-1 and the groundwater was sent to a commercial laboratory for analysis. The laboratory returned all constituents below WQCC standards. RECS performed a MULTIMED simulation to determine if continued monitoring of groundwater at the site would be required. Based on the simulation, the maximum chloride concentration impact at MW-1 would be 59 mg/L in 160 years.

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: C J Coy	OIL CONSERVATION DIVISION
Printed Name: C. J. Coy	Approved by Environmental Specialist:
Title: Operations Sup.	Approval Date: / Expiration Date: —
E-mail Address: c-john.coy@cop.com	Conditions of Approval: — / Attached ☐ IRP-2990
Date: 9/2/14 Phone: (575)391-3127	

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