

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-26761

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company ConocoPhillips Co.	Contact Kenneth N. Andersen
Address 1004 Penbrook, Odessa, TX 79762	Telephone No. 505.676.5569
Facility Name Cabin Lake Water Injection Facility AKA James A Waterflood Station	Facility Type Oil and Water

Surface Owner State of New Mexico	Mineral Owner State of New Mexico	Lease No K3271
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LOCATION OF RELEASE

Unit Letter P	Section 2	Township 22S	Range 30E	Feet from the 1250	North/South Line S	Feet from the 1150	East/West Line E	County Eddy
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Latitude **32.41648N** Longitude **103.84721W**

NATURE OF RELEASE

Type of Release Produced Oil & Water	Volume of Release 150 bbl (20 oil, 130 water)	Volume Recovered (18 oil, 112 water)
Source of Release 1000 bbl water tank thief hatch	Date and Hour of Occurrence 01/23/04 0400hrs	Date and Hour of Discovery 01/23/04 0650hrs
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Stubblefield	
By Whom? Ken Andersen	Date and Hour 01/23/04 1004hrs	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

RECEIVED

APR 26 2004

OCD-ARTESIA

Describe Cause of Problem and Remedial Action Taken.*

A valve was left closed on the water tank overflow, causing the tank to overflow out the thief hatch. The spill site will be vertically delineated and remediated as prescribed by the State.

Describe Area Affected and Cleanup Action Taken.*

30' X 138' X 90' X 60' X 90' 120' of a diked dry caliche facility pad with no cows present. The free fluid was picked up and fresh sand was put down to absorb the remaining fluid. The sand was picked up and hauled to CRI. See attachment for closure information.

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>Kenneth N. Andersen</i>	OIL CONSERVATION DIVISION TIM W. GUM DISTRICT II SUPERVISOR	
Printed Name: Kenneth N Andersen	Approved by District Supervisor	
Title: SHEaR Specialist	Approval Date: 5/4/2004	Expiration Date:
E-mail Address: ken.n.andersen@conocophillips.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 04/23/04 Phone: 505.676.5569		

• Attach Additional Sheets If Necessary

116 RELEASE NOTIFICATION AND CORRECTIVE ACTION [1-1-50...2-1-96; A, 3-15-97]

116.A. NOTIFICATION

(1) The Division shall be notified of any unauthorized release occurring during the drilling, producing, storing, disposing, injecting, transporting, servicing or processing of crude oil, natural gases, produced water, condensate or oil field waste including Regulated NORM, or other oil field related chemicals, contaminants or mixture thereof, in the State of New Mexico in accordance with the requirements of this Rule. [1-1-50...2-1-96; A, 3-15-97]

(2) The Division shall be notified in accordance with this Rule with respect to any release from any facility of oil or other water contaminant, in such quantity as may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [3-15-97]

116.B. REPORTING REQUIREMENTS: Notification of the above releases shall be made by the person operating or controlling either the release or the location of the release in accordance with the following requirements: [5-22-73...2-1-96; A, 3-15-97]

(1) A Major Release shall be reported by giving both immediate verbal notice and timely written notice pursuant to Paragraphs C(1) and C(2) of this Rule. A Major Release is:

- (a) an unauthorized release of a volume, excluding natural gases, in excess of 25 barrels;
- (b) an unauthorized release of any volume which:
 - (i) results in a fire;
 - (ii) will reach a water course;
 - (iii) may with reasonable probability endanger public health; or
 - (iv) results in substantial damage to property or the environment;
- (c) an unauthorized release of natural gases in excess of 500 mcf; or
- (d) a release of any volume which may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [3/15/97]

(2) A Minor Release shall be reported by giving timely written notice pursuant to Paragraph C(2) of this Rule. A Minor Release is an unauthorized release of a volume, greater than 5 barrels but not more than 25 barrels; or greater than 50 mcf but less than 500 mcf of natural gases. [3-15-97]

116.C. CONTENTS OF NOTIFICATION

(1) Immediate verbal notification required pursuant to Paragraph B shall be reported within twenty-four (24) hours of discovery to the Division District Office for the area within which the release takes place. In addition, immediate verbal notification pursuant to Subparagraph B.(1).(d). shall be reported to the Division's Environmental Bureau Chief. This notification shall provide the information required on Division Form C-141. [5-22-73 . 2-1-96; A, 3-15-97]

(2) Timely written notification is required to be reported pursuant to Paragraph B within fifteen (15) days to the Division District Office for the area within which the release takes place by completing and filing Division Form C-141. In addition, timely written notification required pursuant to Subparagraph B.(1).(d). shall also be reported to the Division's Environmental Bureau Chief within fifteen (15) days after the release is discovered. The written notification shall verify the prior verbal notification and provide any appropriate additions or corrections to the information contained in the prior verbal notification. [5-22-73...2-1-96; A, 3-15-97]

116.D. CORRECTIVE ACTION: The responsible person must complete Division approved corrective action for releases which endanger public health or the environment. Releases will be addressed in accordance with a remediation plan submitted to and approved by the Division or with an abatement plan submitted in accordance with Rule 19 (19 NMAC 15.A. 19). [3-15-97]



Cabin Lake Water Injection Facility attachment.

There is no water source or surface water within 1,000 feet of the spill site and the site is not in a Wellhead Protection Area. Based on data from the USGS Ground-water levels for the Nation web page, depth to ground water is approximately 154 feet. Due to the above data, the Ranking Criteria Score from the NMOCD "Guideline for Remediation of Leaks, Spills, and Releases" is 10ppm Benzene, 50ppm BTEX, and 5,000ppm TPH.

On February 3, 2004, ConocoPhillips Co. (COPC) personnel took four samples (surface, then at one-foot intervals to three feet) at two sample points. This was witnessed by the NMOCD. As you can see by the enclosed laboratory data, the results for TPH and BTEX are below NMOCD cleanup guidelines for groundwater depths greater than 100 feet. The results for chloride concentrations showed a decline on sample point # 2, but an increase on sample point # 1.

On March 30, 2004, as per COPC's phone conversation with Mike Stubblefield of the NMOCD, BBC International (Ken Swinney, phone # 505.397.6388, e-mail address kswinney@bbcinternational.com) bored sample point # 1 to a depth of 25 feet, taking four samples (surface, then @ 15', 20', & 25'). As you can see by the enclosed laboratory data, the results for chloride concentrations showed a decline.

Taking into consideration that the depth to groundwater is greater than 129 feet, and that the spill occurred on the facility pad inside the dike, it is evident that the migration of the chlorides of this spill to groundwater is unlikely. Therefore, it is recommended that only surface remediation is necessary. This will consist of back dragging the area with a backhoe.

There are no safety concerns at the spill site.

The driving directions to the spill site are as follows:

From WIPP site rd. @ 0.4 mile S of mile marker 3, turn W & go N 0.6 mile, then W @ the "T" for 3.2 miles, then go down the cap past the James E btry N to the waterflood. (See enclosed map).

Therefore, ConocoPhillips is submitting this completed closure plan for NMOCD approval. Should there be any questions, please contact me at 505.390.4821. Thank You.