



*EOG Resources, Inc.
Artesia Division Office
104 S. 4th Street
Artesia, N. M. 88210*

May 3, 2019

Mr. Robert Hamlet
NMOCD District II
811 S. First Street
Artesia, New Mexico 88210

Re: Cotton MX Federal Com #1
30-015-23315
Section 14, T19S-R25E
Eddy County, New Mexico
2RP-

Mr. Hamlet,

EOG Y Resources, Inc. is submitting the enclosed CLOSURE REPORT and C-141 Final Report for the above captioned location. The report is being submitted in response to the C-141 Initial Report dated April 22, 2019.

Thank you.

EOG Y Resources, Inc.

Robert Asher
Environmental Supervisor

I. Location

Go south of Artesia, NM on US 285 for approximately 17 miles to MM56 (Rockin R Red Road). Turn right (west), continue for approximately 4.0 miles and cross 3 cattle guards. There will be a sign (Ross Ranch on the left of the third cattle guard. Turn right (north) immediately after cattle guard, go through gate and continue north for approximately 0.7 miles, take right fork and continue north/northeast for approximately 0.3 miles, turn right east/southeast and continue 0.3 miles to the southwest corner of the location.

II. Background

On April 22, 2019, EOG Resources, Inc. submitted to the NMOCD District I office a Form C-141, Initial Report for the release of 42 B/PW with 40 B/PW recovered. The affected area is the pump house, within the secondary containment (concrete) of the house, approximately 42' X 22' X 4" the pump house is on the north side of the battery. The release was caused by a threaded port on the south side filter pot failed. A vacuum truck was dispatched and recovered 42 B/PW of the released produced water. The run ticket was submitted with the Initial C-141.

III. Surface and Ground Water

Area surface geology is Quaternary, Piedmont alluvial deposits. Based on information regarding this location (Section 14, T19S-R25E), the National Water Information System (USGS) database depth to groundwater is follows: (USGS 323934104274501, DTGW: 78'), The depth to groundwater is 50-99', per USGS groundwater level. **Based on this information the Site Ranking is a Ten (10).**

Watercourses in the area are dry except for infrequent flows in response to major precipitation events, with the nearest body of surface water is unnamed and 6.22 miles away (SW direction).

IV. NMOCD Ranking Criteria

The ranking for this site is Zero (10) based on the following:

Depth to ground water	50-99'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

V. Liner Integrity

With the pump house secondary containment being concrete, Per the Conditions of Approval on the C-141 Initial Report, the NMOCD requested the liner to be inspected and provide a concise report of the inspection with affirmation the liner has and will continue to contain liquids. These conditions were met by EOG Resources even though the containment was concrete and not an actual liner.

Per 19.15.29.11, EOG Y Resources, Inc. has conducted the following actions:

(5) Soil/Waste characteristics.

- (a) If the release occurred within a lined containment area, the responsible party must demonstrate liner integrity after affected material is removed and the affected area of the liner is exposed and provide:
 - (i) certification on form C-141 that the responsible party has visually inspected the liner where the release occurred and the liner remains intact and had the ability to contain the leak in question (Figure 2 and Appendix B); and
 - (ii) at least two business days' notice to the appropriate division district office before conducting the liner inspection (Appendix A).

Figure 1

Site Map

Cotton MX Federal Com #1

30-015-23315

Section 14, T19S-R25E

Eddy County, New Mexico

Legend

- Cotton MX Federal Com #1

Cotton MX Federal Com #1

Google Earth

© 2018 Google

200 ft

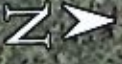
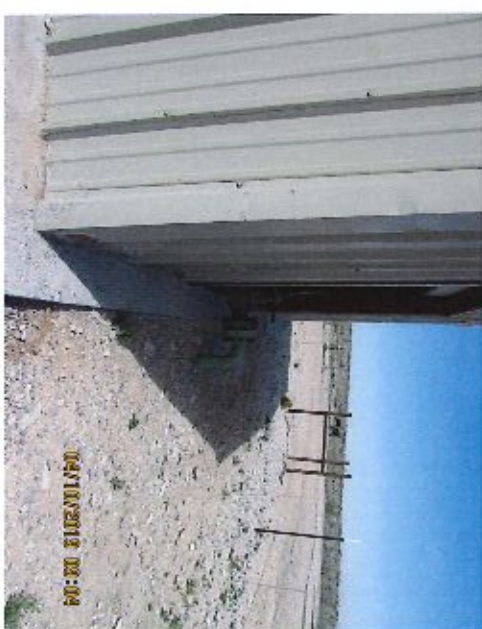
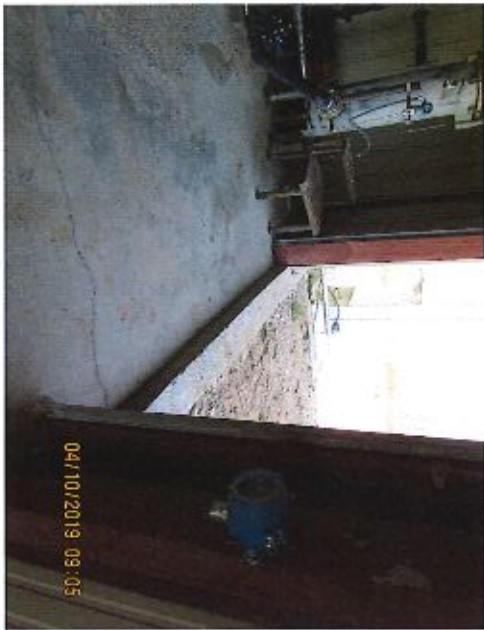
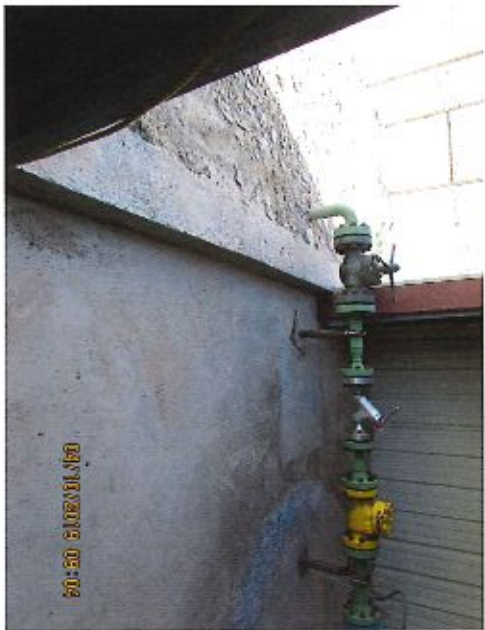
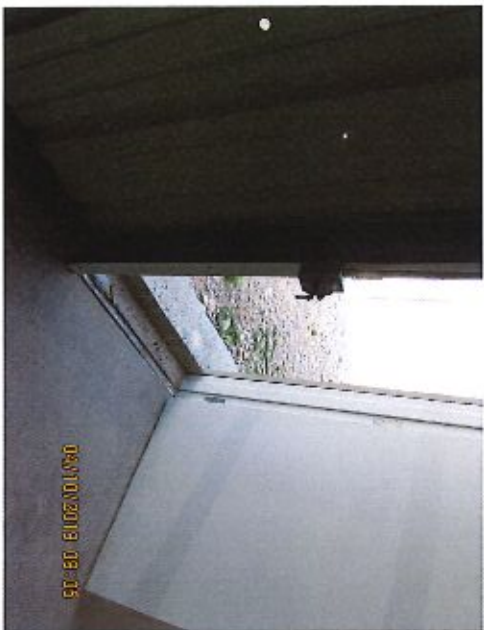


Figure 2

Photos





Appendix A

NMOCD Liner Inspection Notification

Bob Asher

From: Katie Jamison
Sent: Tuesday, April 23, 2019 10:00 AM
To: Hamlet, Robert, EMNRD; Venegas, Victoria, EMNRD
Cc: Jim Amos (James_Amos@blm.gov); Bratcher, Mike, EMNRD; Bob Asher
Subject: Liner/Containment Inspection: EOG-Artesia Cotton MX Federal Com #1

Rob and Victoria,

EOG-Artesia will be conducting a liner/containment inspection at the following location on Friday, April 26, 2019 at 7:00 AM.

Cotton MX Federal Com #1
Section 14, T19S-R25E
Eddy County, New Mexico
30-015-23315
Gate Combination: 8556

Thank you,

Katie Jamison

Safety & Environmental Manager
EOG Resources, Inc – Artesia NM Division
105 S. Fourth Street
Artesia, NM 88210

Cell: 575-513-9915
Office: 575-748-4193



Appendix B

Form C-141 Final Report

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 Department

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

Form C-141
Revised August 21, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Robert Asher	Contact Telephone 575-748-4217
Contact email bob_asher@eogresources.com	Incident # (assigned by OCD)
Contact mailing address 104 S. 4 th	

Location of Release Source

Latitude 32.66568 Longitude -104.45631
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Cotton MX Federal Com #1	Site Type: Battery
Date Release Discovered: 4/8/2019	API# (if applicable)

Unit Letter	Section	Township	Range	County
C	14	19S	25E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 42	Volume Recovered (bbls) 40
	Is the concentration of dissolved chloride in the produced water $\geq 10,000$ mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

Threaded port on south side of filter pot failed inside of the pump house. Vacuum truck was dispatched to recover standing fluid.

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?

☒ Yes ☐ No

If YES, for what reason(s) does the responsible party consider this a major release?

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes, Katie Jamison. Robert Hamlet – NMOCD, Victoria Venegas – NMOCD, Mike Bratcher, and Jim Amos – BLM. Email was sent 4/8/2019 at 3:23 p.m.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: Robert Asher

Title: Environmental Supervisor

Signature: 

Date: _____

email: bob_asher@eogresources.com

Telephone: 575-748-4217

OCD Only

Received by: _____

Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	


Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities. **See attached document.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Robert Asher Title: Environmental Supervisor
Signature:  Date: 5/3/2019
email: bob_asher@cogresources.com Telephone: 575-748-4217

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____