



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

November 13, 2018

Ms. Maria Pruett  
NMOCD District II  
811 S. 1<sup>st</sup> Street  
Artesia, NM 88210

Re: Donahue Federal SWD #1  
30-015-00087  
Section 10, T20S-R24E  
Eddy County, New Mexico

Ms. Pruett,

EOG Y Resources, Inc. is submitting to the NMOCD District II a closure report on form C-141, including required attachments, to document all closure activities where applicable. EOG Y Resources, Inc. is certifying that all information in the closure report and attachments are correct and that the responsible party has complied with all applicable closure requirements and conditions specified in division rules or directives.

The report is being submitted in response to the C-141 Initial Report dated 2/12/2018.

Thank you.

EOG Y Resources, Inc.

Robert Asher  
Environmental Supervisor

Cc: Mike Bratcher

## **I. Location**

From Artesia, NM, travel south on US 285 to Rock Daisy Road (MM 54), turn right (west) and continue for approximately 8.5 miles. At curve, continue south on payment for approximately 2 miles. Turn right (west) onto caliche road and continue approximately 0.5 miles to a 'T' in the road, turn right and continue northwest/west to the location.

## **II. Background**

On February 12, 2018, EOG Y Resources, Inc. submitted to the NMOCD District I Office a Form C-141 for the release of 9.5 B/O and 1 B/PW with 9.5 B/O and 0.5 B/PW recovered. This release occurred when the pump system became plugged with debris and the facility continued to receive water until the tank (s) reached an overflow level on 1/25/2018. The affected area is approximately 165' X 35' (east side of the battery) within the lined containment of the production facility. A vacuum truck(s) was called to recover the remaining oil and produced water (the 0.5 bbl of the produced water was entrained within the gravel). A roustabout crew was dispatched the affected material (gravel) was removed and the affected area of the liner was exposed to inspect and demonstrate liner integrity.

## **III. Surface and Ground Water**

Area surface geology is Piedmont alluvial deposits. Based on information regarding this location (Section 10, T20S-R24E), the New Mexico Office of the State Engineer (NMOSE) database depth to groundwater is follows: (NMOSE-RA 03084, DTGW @ 268'), the United States Geological Survey (USGS) National Water Information System, is as follows: (USGS #323610104342801, DTGW @ 281'). The depth to groundwater is >100', per NMOSE and USGS groundwater level.

**Based on this information the Site Ranking is a Zero (0).**

Watercourses in the area are dry except for infrequent flows in response to major precipitation events, with the nearest body of surface water is the Brantley Lake (10.86 miles, East Direction).

## **IV. NMOCD Ranking Criteria**

The ranking for this site is Zero (0) based on the following:

Depth to ground water	>100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

## **V. Liner Integrity**

The release occurred within a lined containment area, EOG Y Resources, Inc. demonstrated liner integrity after affected material is removed and the affected area of the liner is exposed and is providing certification on form C-141.

EOG Y Resources, Inc. has visually inspected the liner where the release occurred and the liner remains intact and had the ability to contain the leak in question.

On November 7, 2018, a two business days' notice was emailed to the NMOCD Division II Office before conducting the liner inspection on 11/9/2018.

# Figure 1

## Site Map



# Donahue Federal SWD #1

Section 10, T20S-R24E, Eddy County, New Mexico

## Legend

- Donahue Federal SWD #1



Donahue Federal SWD #1

Google Earth

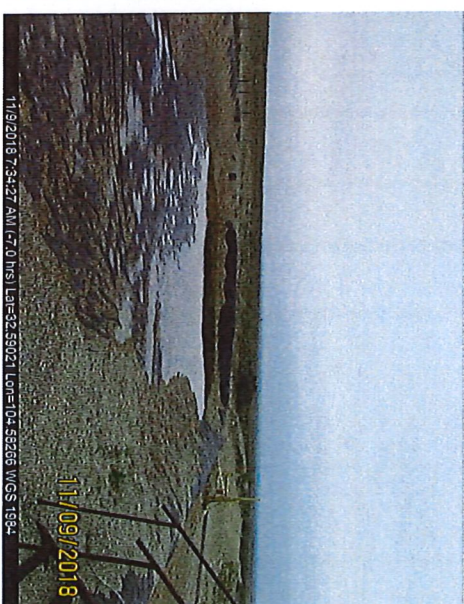
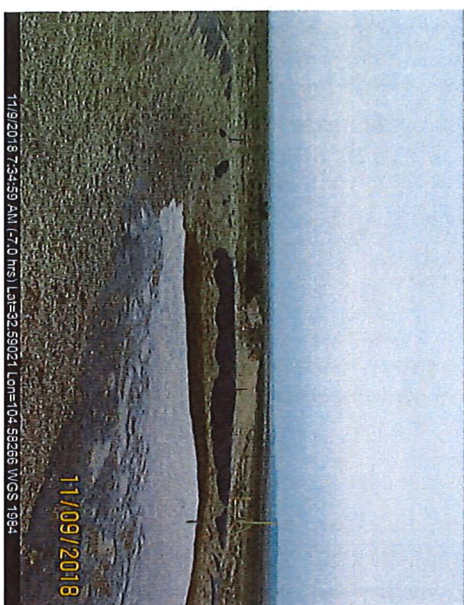
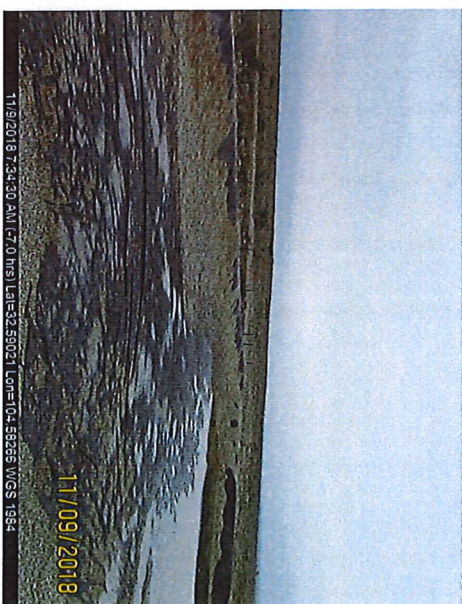
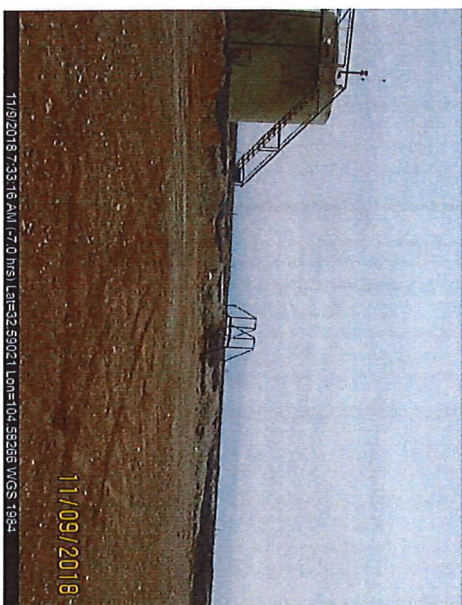
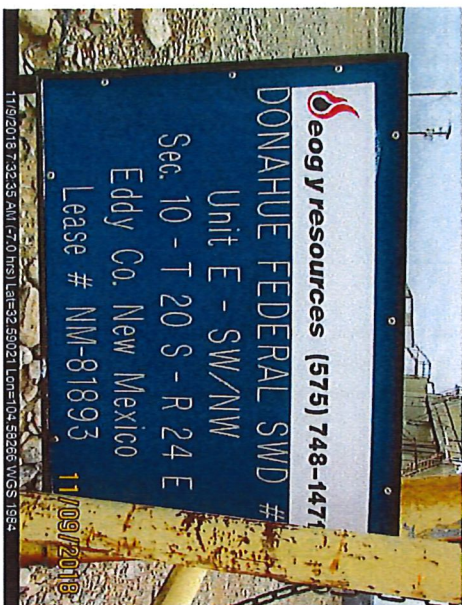
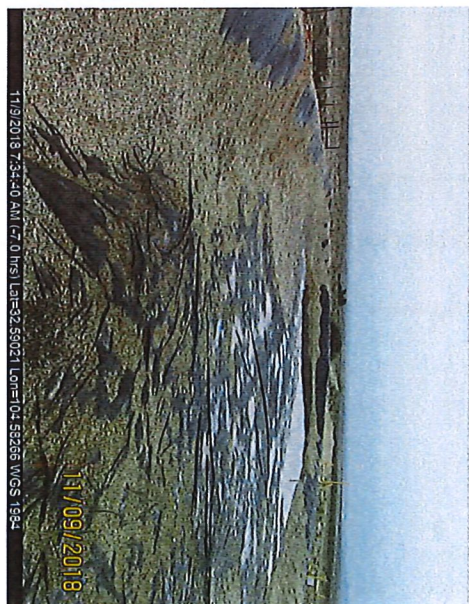
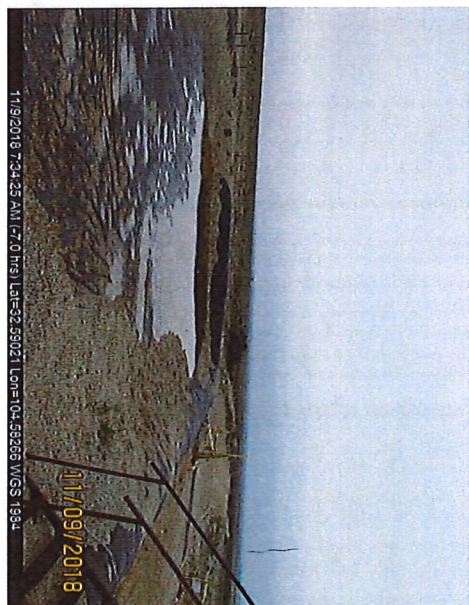
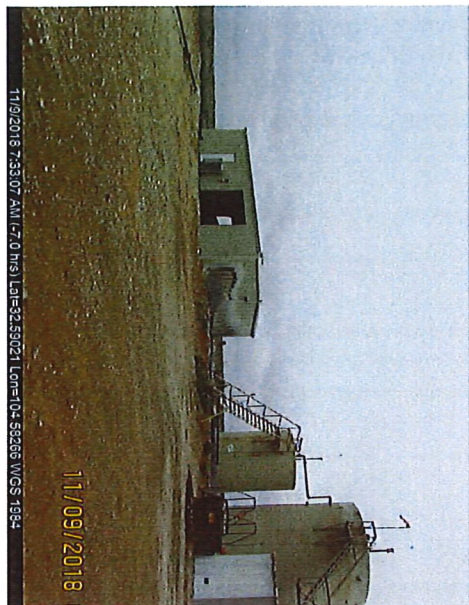
© 2018 Google



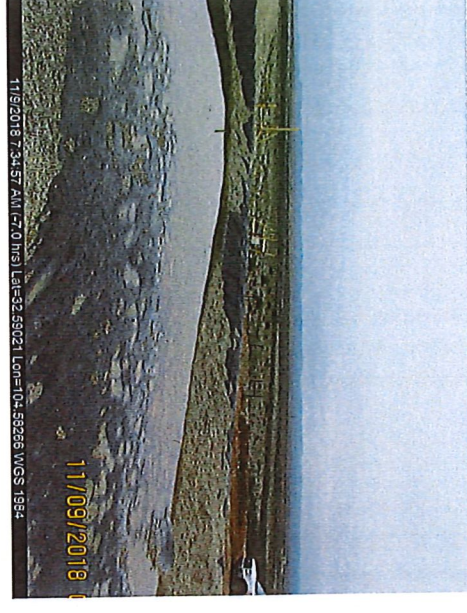
## Figure 2

### Photos









# Appendix A

## NMOCD Liner Inspection Notification

**Bob Asher**

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**From:** Bob Asher  
**Sent:** Wednesday, November 7, 2018 7:02 AM  
**To:** 'maria.pruett@state.nm.us'  
**Cc:** mike.bratcher@state.nm.us; Katie Jamison (Katie\_Jamison@eogresources.com)  
**Subject:** RE: Liner Inspections

EOG Resources, Inc. will be conducting a liner inspection at the following locations on November 9, 2018 at 7:00 AM.

Kent BSK #1H  
Donahue Federal SWD #1

EOG will start at the Kent BSK #1H.

EOG FR/PPE Policy is as follows.

All EOG employees, contractors and Regulatory personnel or other Non-EOG personnel are required to wear approved FR clothing and PPE on all EOG locations.

**FR Clothing:**

Approved FR pants or jeans

Approved FR shirts are to be long sleeves and shirts tucked in.

**PPE includes:**

H2S Monitors

Safety Glasses

Hard Hat

Steel toed or closed toe leather shoes.

If Non-EOG personnel do not have these items (excluding footwear), items can be provided by EOG.

Thank you,

**Robert C. "Bob" Asher**

**Environmental Supervisor**

Safety & Environmental Department

EOG Resources, Inc.

Artesia Division

Artesia, NM 88210

575-748-4217 (Office)

575-365-4021 (Cell)

**EOG Safety Begins With YOUR Safety**



# **Appendix B**

## **Form C-141 Initial 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

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  
OPERATOR**

☒ Initial Report ☐ Final Report

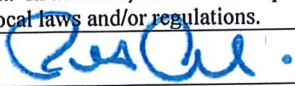
Name of Company EOG Y Resources, Inc.	Contact Robert Asher
Address 104 S. 4 <sup>th</sup> Street Artesia NM 88210	Telephone No. 575-748-1471
Facility Name Donahue Federal SWD #1	Facility Type SWD Facility
Surface Owner Federal	Mineral Owner Federal
API No. 30-015-00087	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	10	20S	24E	1980	North	660	West	Eddy

Latitude 32.59024 Longitude -104.58223 NAD83

**NATURE OF RELEASE**

Type of Release Crude Oil/Produced Water	Volume of Release 9.5 B/O & 1 P/W	Volume Recovered 9.5 B/O & 0.5 P/W
Source of Release Produced Water Tanks	Date and Hour of Occurrence 01/25/2018; 8:00 AM	Date and Hour of Discovery 01/25/2018; AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
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.* Pump system became plugged with debris; Facility continued to receive water until tanks reached overflow level. Vacuum truck and roustabout crew were called.		
Describe Area Affected and Cleanup Action Taken.* The impacted area was approximately 165' X 35' within the primary bermed/lined battery (this containment is bermed with a 20 mil liner). All released oil and 50% (0.5 B/PW) was recovered. A liner integrity test will be conducted, if results are within the allowable limits to affirm integrity a Final Report, C-141 will be submitted to the NMOCD requesting closure. If the results indicate integrity failure a characterization plan will be submitted to the NMOCD. Depth to Ground Water: >100' (268' per NMOSE & 282' per USGS), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.		
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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Robert Asher	Approved by Environmental Specialist:	
Title: Environmental Supervisor	Approval Date:	Expiration Date:
E-mail Address: robert_asher@eogresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: February 12, 2018	Phone: 575-748-4217	

\* Attach Additional Sheets If Necessary



# Appendix C

## 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

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  
OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company EOG Y Resources, Inc.	Contact Robert Asher
Address 104 S. 4 <sup>th</sup> Street Artesia NM 88210	Telephone No. 575-748-1471
Facility Name Donahue Federal SWD #1	Facility Type SWD Facility

Surface Owner Federal	Mineral Owner Federal	API No. 30-015-00087
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**LOCATION OF RELEASE**

Unit Letter E	Section 10	Township 20S	Range 24E	Feet from the 1980	North/South Line North	Feet from the 660	East/West Line West	County Eddy
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Latitude 32.59024 Longitude -104.58223 NAD83

**NATURE OF RELEASE**

Type of Release Crude Oil/Produced Water	Volume of Release 9.5 B/O & 1 P/W	Volume Recovered 9.5 B/O & 0.5 P/W
Source of Release Produced Water Tanks	Date and Hour of Occurrence 01/25/2018; 8:00 AM	Date and Hour of Discovery 01/25/2018; AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
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

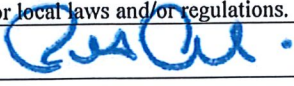
Describe Cause of Problem and Remedial Action Taken.\*

Pump system became plugged with debris; Facility continued to receive water until tanks reached overflow level. Vacuum truck and roustabout crew were called.

Describe Area Affected and Cleanup Action Taken.\*

The impacted area was approximately 165' X 35' within the primary bermed/lined battery (this containment is bermed with a 20 mil liner). All released oil and 50% (0.5 B/PW) was recovered. Liner integrity test will be conducted, if results are within the allowable limits to affirm integrity a Final Report, C-141 will be submitted to the NMOCD requesting closure. Depth to Ground Water: >100' (268' per NMOSE & 282' per USGS), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. Based off of demonstrated and documented liner integrity, EOG Y Resources, Inc. requests closure.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Robert Asher	Approved by Environmental Specialist:	
Title: Environmental Supervisor	Approval Date:	Expiration Date:
E-mail Address: robert_asher@eogresources.com	Conditions of Approval:	
Date: November 13, 2018	Phone: 575-748-4217	Attached <input type="checkbox"/>

\* Attach Additional Sheets If Necessary



EOG Resources, Inc.  
Artesia Division Office  
104 S. 4<sup>th</sup> Street  
Artesia, N. M. 88210

**EOG Y Resources, Inc.**

***Characterization Plan***

**Donahue Federal SWD #1**

**30-015-00087**

**Section 10, T20S-R24E**

**Eddy County, New Mexico**

**March 20, 2018**

**2RP-4621**

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**Photos**

**Appendices:**

Appendix A: Water Well Data Site Map

Appendix B: NMOSE Well Log Information

Appendix C: USGS Groundwater Level Information

Appendix D: Form C-141 Initial



## I. Location

From Artesia, NM travel south on US 285 to Rock Daisy Road (MM54). Turn Right (west) and continue for approximately 8.5 miles. Turn right (south) at curve in the road onto Sawbuck Road, continue south for approximately 2 miles, turn right onto lease road and continue for approximately 0.5 miles to 'T' in the road, turn right and continue for approximately 1.0 miles to the SWD Facility.

## II. Background

On February 12, 2018, EOG Y Resources, Inc. submitted to the NMOCD District I office a Form C-141 for the release of 9.5 B/O & 1 B/PW with 9.5 B/O & 0.5 B/PW recovered. The affected area is approximately 165' X 35' within the primary berm of the production facility and was contained within the bermed and lined battery. The release was caused by debris plugging up the pumping system; facility continued to receive water until tanks reached overflow level. A vacuum truck was dispatched and recovered all oil and ½ barrel of produced water. A backhoe crew was dispatched and excavated the visibly impacted gravel. The impacted gravel excavated was hauled to an NMOCD approved disposal facility. The remaining 0.5 B/PW was either entrained within the excavated gravel or evaporated within the lined battery.

## III. Surface and Ground Water

Area surface geology is Cenozoic Tertiary. Based on information regarding this location (Section 4, T10S-R34E), the New Mexico Office of the State Engineer (NMOSE) database depth to groundwater is follows: (NMOSE-RA 03084, 286'), the United States Geological Survey National Water Information System, is as follows: (USGS #3236101043422801, 281'). The depth to groundwater is approximately greater than 100', per USGS and NMOSE groundwater level. **Based on this information the Site Ranking is a Zero (0).**

Watercourses in the area are dry except for infrequent flows in response to major precipitation events, with the nearest body of surface water being Brantley Lake at 10.3 miles away.

## IV. NMOCD Ranking Criteria

The ranking for this site is Zero (0) based on the following:

Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

Based on the ranking criteria, the NMOCD established RRALs for this site are:

Benzene	10 ppm
BTEX	50 ppm
TPH	5,000 ppm
Chlorides	No established RRAL

## V. Liner Integrity Test

With the battery being bermed and lined with a 20 millimeter liner, a liner integrity test will be performed to determine if there are any leaks, tears, punctures and/or breaches. The battery will be filled with fresh water and the level gauged. After a period of three (3) hours, the water level will be gauged again, based off of the measurements, the SMA Evaporation Formula will be used to determine either liner integrity is intact where a Closure Report/Form C-141 Final Report will be submitted to the NMOCD II Office requesting closure. Or if there is abnormal water loss that would indicate a liner failure in which, VI. Sampling Procedure will be implemented.

## VI. Sampling Procedure

**Samples will only be collected if the liner integrity test shows a failure or breach in the liner.**

Vertical delineation samples (SP-1 & SP-2) will be collected at a central sample point within the release area. Samples will be collected at 1', 2', 3', and 4' below grade surface (bgs) or when auger refusal is encountered. Due to the nature of the release (oil & produced water), the vertical delineation soil samples will be analyzed for Benzene, BTEX, TPH extended (Chlorides for documentation). All samples will be sent to a NMOCD approved laboratory for analysis.

Horizontal delineation samples will be collected at the 4 cardinal point (CP1-CP4) at what is believed to be the outer edge of the release/excavation area. Samples will be collected at 1' below grade surface (bgs) or when auger refusal is encountered. If a sample point is determined to be impacted by the release, a new sample will be collected moving out further until an area without impaction is located. Once located, samples will be taken to collaborate the impaction path to the next sample point in the sequence. Due to the nature of the release (oil & produced water), the vertical delineation soil samples will be analyzed for Benzene, BTEX, TPH extended (Chlorides for documentation). All samples will be sent to a NMOCD approved laboratory for analysis.

As a baseline for all sampling analytical data, background sample(s) will be collected up gradient from the release to the east. The point remains on the production pad in an area that has no known release impaction. This creates less damage to the SLO surface by keeping the activities on the production pad and reduces the vegetative damage that would otherwise be created by moving off of location to collect background samples in the adjoining pasture.

### Latitude/Longitude Coordinates for Sample Points

SP-1	32.590622°; -104.582212°
SP-2	32.590659°; -104.582231°
CP-1	32.590659°; -104.582212°
CP-2	32.590576°; -104.582209°
CP-3	32.590635°; -104.582103°
CP-4	32.590604°; -104.582298°
Background Sample	32.590748°; -104.582388°

# Figure 1

## Site Map



# Donahue Federal SWD #1

30-015-00087

Section 10, T20S-R24E

Eddy County, New Mexico

## Legend

- Donahue Federal SWD #1

Donahue Federal SWD #1

Google Earth

© 2018 Google

200 ft





## **Figure 2**

### **Vertical Sample Point(s)**



# Donahue Federal SWD #1

30-015-00087

Section 10, T20S-R24E

Eddy County, New Mexico

## Legend

- Donahue Federal SWD #1
- Vertical Sample Points

Donahue Federal SWD #1

SP-1  
SP-2

100 ft



Google Earth

© 2018 Google



## **Figure 3**

### **Horizontal Sample Point(s)**



# Donahue Federal SWD #1

30-015-00087

Section 10, T20S-R24E

Eddy County, New Mexico

## Legend

- Donahue Federal SWD #1
- Horizontal Sample Points

Donahue Federal SWD #1

CP-4

CP-1

CP-3

CP-2



2000 ft

Google Earth

© 2018 Google



## **Figure 4**

### **Background Sample Point(s)**



# Donahue Federal SWD #1

30-015-00087

Section 10, T20S-R24E

Eddy County, New Mexico

Background Sample

- Legend**
- Background Sample
  - Donahue Federal SWD #1

Donahue Federal SWD #1

Google Earth

© 2018 Google

100 ft





## Photos



**eog y resources (575) 748-1471**

DONAHUE #7  
"S W D"

Sec. 10 - T 20 S - R 24 E - Unit E

Eddy Co. New Mexico

Le. #NM-81893















# Appendix A

## Water Well Date Site Map

# Donahue Federal SWD #1

30-015-00087

Section 10, T20S-R24E

Eddy County, New Mexico

Water Well Data

Site Ranking is Zero (0). DTGW >100'

(Approximately 274.5, per NMOSE & USGS Ground Water Levels).

## Legend

● Donahue Federal SWD #1

■ NMOSE & USGS Water Wells

NMOSE, RA 03084 (DTGW @ 268')

USGS, 323610104342801 (DTGW @ 281')

Rock-Daisy Rd

23

Google Earth

© 2018 Google

Donahue Federal SWD #1

4000 ft

N

# **Appendix B**

## **NMOSE Well Log**



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
 (quarters are smallest to largest) (NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4 Sec Tws Rng</b>	<b>X</b>	<b>Y</b>
	RA 03084	1 03 20S 24E	539366	3607752*

<b>Driller License:</b>	<b>Driller Company:</b>
<b>Driller Name:</b> EXISTING WELL	
<b>Drill Start Date:</b> 06/03/1953	<b>Drill Finish Date:</b> 06/12/1953
<b>Log File Date:</b> 11/19/1953	<b>PCW Rcv Date:</b>
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>
<b>Casing Size:</b>	<b>Depth Well:</b> 330 feet
	<b>Depth Water:</b> 268 feet

<b>Water Bearing Stratifications:</b>	<b>Top Bottom Description</b>
	305 310 Limestone/Dolomite/Chalk

<b>Meter Number:</b> 3588	<b>Meter Make:</b> BROOKS
<b>Meter Serial Number:</b> 9011T506832	<b>Meter Multiplier:</b> 1.0000
<b>Number of Dials:</b> 4	<b>Meter Type:</b> Diversion
<b>Unit of Measure:</b> Barrels 42 gal.	<b>Return Flow Percent:</b>
<b>Usage Multiplier:</b>	<b>Reading Frequency:</b> Quarterly

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount
01/06/2000	2000	6078	A	RPT		0
07/04/2000	2000	6078	A	RPT		0
01/19/2001	2000	6078	A	RPT		0
07/09/2001	2001	6078	A	RPT		0
01/17/2002	2001	6078	A	RPT		0
04/04/2002	2002	6078	A	RPT		0
01/31/2003	2003	6078	A	tw		0
07/31/2003	2003	6078	A	tw		0
10/30/2003	2003	6078	A	tw		0
03/01/2004	2004	6078	A	sj		0
06/01/2004	2004	6078	A	sj		0
09/01/2004	2004	6078	A	sj		0
04/13/2005	2005	6078	A	RPT		0
10/06/2005	2005	6078	A	RPT		0
12/31/2013	2013	6078	A	RPT		0
03/31/2014	2014	6078	A	RPT		0
09/30/2014	2014	6078	A	RPT		0

\*UTM location was derived from PLSS - see Help

## Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr Comment	Mtr Amount
12/31/2014	2014	6078	A	RPT	0
06/30/2015	2015	6078	A	RPT	0
09/30/2015	2015	6078	A	RPT	0
12/31/2015	2015	6078	A	RPT	0
09/30/2016	2016	6078	A	RPT well not in service	0

**\*\*YTD Meter Amounts:**

Year	Amount
2000	0
2001	0
2002	0
2003	0
2004	0
2005	0
2013	0
2014	0
2015	0
2016	0

<b>Meter Number:</b>	8260	<b>Meter Make:</b>	BROOKS
<b>Meter Serial Number:</b>	9011T5068321	<b>Meter Multiplier:</b>	1.0000
<b>Number of Dials:</b>	6	<b>Meter Type:</b>	Diversion
<b>Unit of Measure:</b>	Barrels 42 gal.	<b>Return Flow Percent:</b>	
<b>Usage Multiplier:</b>		<b>Reading Frequency:</b>	Quarterly



# **Appendix C**

## **USGS Groundwater Level Information**



USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Site Information ▼

Geographic Area:

United States ▼

GO

Click to hide News Bulletins

- **March 16, 2018** - There has been a recent change to the "Subscribe for system changes" function and it is unavailable.

Please send an email to [gs-w\\_support\\_nwisweb@usgs.gov](mailto:gs-w_support_nwisweb@usgs.gov) if you would like us to add you manually until we have addressed the problem.

- [Please see news on new formats](#)
- [Full News](#) 

## USGS 323610104342801 20S.24E.03.14322

Available data for this site

SUMMARY OF ALL AVAILABLE DATA ▼

GO

### Well Site

#### DESCRIPTION:

Latitude 32°36'10", Longitude 104°34'28" NAD27

Eddy County, New Mexico

Well depth: 310 feet

Land surface altitude: 3,721 feet above NAVD88.

Well completed in "Artesia Group" (313ARTS) local aquifer

#### AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
<u><b>Field groundwater-level measurements</b></u>	1961-01-06	1989-02-10	14

#### OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center

Email questions about this site to [New Mexico Water Science Center Water-Data Inquiries](#)



USGS 323610104342801 20S.24E.03.14322

Page 2 of 2

[Questions about sites/data?](#)[Feedback on this web site](#)[Automated retrievals](#)[Help](#)[Data Tips](#)[Explanation of terms](#)[Subscribe for system changes](#)[News](#)[Accessibility](#)[Plug-Ins](#)[FOIA](#)[Privacy](#)[Policies and Notices](#)[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)**Title: NWIS Site Information for USA: Site Inventory****URL: <https://waterdata.usgs.gov/nwis/inventory?>**Page Contact Information: [New Mexico Water Data Support Team](#)

Page Last Modified: 2018-03-16 16:17:08 EDT

0.27 0.26 caww01



**USGS Home**  
**Contact USGS**  
**Search USGS**

## National Water Information System: Web Interface

**USGS Water Resources**

**Data Category:**

Groundwater ▼

**Geographic Area:**

United States ▼

GO

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- [Please see news on new formats](#)
- [Full News](#) 

Groundwater levels for the Nation

## Search Results -- 1 sites found

site\_no list =

- 323610104342801

**Minimum number of levels = 1**

[Save file of selected sites](#) to local disk for future upload

## USGS 323610104342801 20S.24E.03.14322

**Available data for this site**

Groundwater: Field measurements ▼

GO

Eddy County, New Mexico

Hydrologic Unit Code --

Latitude 32°36'10", Longitude 104°34'28" NAD27

Land-surface elevation 3,721 feet above NAVD88

The depth of the well is 310 feet below land surface.

This well is completed in the Artesia Group (313ARTS) local aquifer.

### Output formats

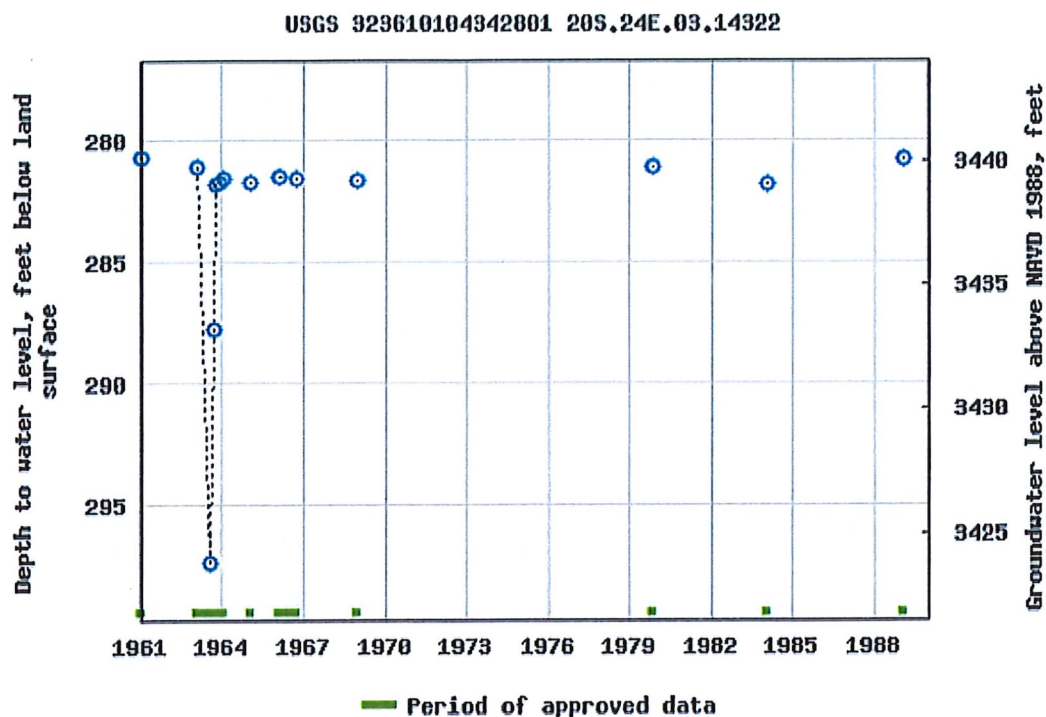
[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)





Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

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[Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title:** Groundwater for USA: Water Levels

**URL:** <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2018-03-16 16:17:16 EDT

1.03 0.89 nadww01



# Appendix D

## Form C-141 Initial



## NM OIL CONSERVATION

ARTESIA DISTRICT

FEB 12 2018

Form C-141

Revised April 3, 2017

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

RECEIVED

Submit 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 EOG Y Resources, Inc.	25575	Contact Robert Asher
Address 104 S. 4 <sup>th</sup> Street Artesia NM 88210		Telephone No. 575-748-1471
Facility Name Donahue Federal SWD #1		Facility Type SWD Facility

Surface Owner Federal	Mineral Owner Federal	API No. 30-015-00087
--------------------------	--------------------------	-------------------------

## LOCATION OF RELEASE

Unit Letter E	Section 10	Township 20S	Range 24E	Feet from the 1980	North/South Line North	Feet from the 660	East/West Line West	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	----------------------	------------------------	----------------

Latitude 32.59024 Longitude -104.58223 NAD83

## NATURE OF RELEASE

Type of Release Crude Oil/Produced Water	Volume of Release 9.5 B/O & 1 P/W	Volume Recovered 9.5 B/O & 0.5 P/W
Source of Release Produced Water Tanks	Date and Hour of Occurrence 01/25/2018; 8:00 AM	Date and Hour of Discovery 01/25/2018; AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
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

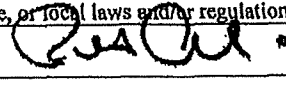
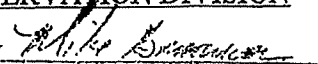
Describe Cause of Problem and Remedial Action Taken.\*

Pump system became plugged with debris; Facility continued to receive water until tanks reached overflow level. Vacuum truck and roustabout crew were called.

Describe Area Affected and Cleanup Action Taken.\*

The impacted area was approximately 165' X 35' within the primary bermed/lined battery (this containment is bermed with a 20 mil liner). All released oil and 50% (0.5 B/PW) was recovered. A liner integrity test will be conducted, if results are within the allowable limits to affirm integrity a Final Report, C-141 will be submitted to the NMOCD requesting closure. If the results indicate integrity failure a characterization plan will be submitted to the NMOCD. Depth to Ground Water: >100' (268' per NMOSE & 282' per USGS), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.

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: 	OIL CONSERVATION DIVISION	
Printed Name: Robert Asher	Signed By: 	
Title: Environmental Supervisor	Approved by Environmental Specialist:	
E-mail Address: robert.asher@eogresources.com	Approval Date: 2/16/18	Expiration Date: N/A
Date: February 12, 2018	Conditions of Approval: See attached	Attached: <input type="checkbox"/> 2RP-4621
Phone: 575-748-4217		

\* Attach Additional Sheets If Necessary

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 2/12/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RP41031 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 on or before 3/12/2018. 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 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; C<sub>6</sub> thru C<sub>36</sub>), 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; C<sub>6</sub> thru C<sub>36</sub>), 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

**Bratcher, Mike, EMNRD**

---

**From:** Yvette Moore <Yvette\_Moore@eogresources.com>  
**Sent:** Monday, February 12, 2018 11:40 AM  
**To:** Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD  
**Cc:** Bob Asher; Chase Settle  
**Subject:** C-141 Initial Donahue Federal SWD #1  
**Attachments:** Form C-141 Initial (Donahue Federal SWD #1).pdf

Please find the attached C-141 Initial for the location listed below:

Donahue Federal SWD #1  
30-015-00087  
1980 FNL' & 660 FWL'  
Sec 10-20S-24E  
Eddy County, New Mexico



**Yvette Moore**  
Rep Safety & Environmental II  
Safety & Environmental Department  
Artesia Division  
(575)748-4223  
yvette\_moore@eogresources.com



**NM OIL CONSERVATION**  
 ARTESIA DISTRICT

FEB 12 2018

Form C-141  
Revised April 3, 2017

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

RECEIVED

Submit 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 EOG Y Resources, Inc.	25575	Contact Robert Asher
Address 104 S. 4 <sup>th</sup> Street Artesia NM 88210		Telephone No. 575-748-1471
Facility Name Donahue Federal SWD #1		Facility Type SWD Facility
Surface Owner Federal	Mineral Owner Federal	API No. 30-015-00087

**LOCATION OF RELEASE**


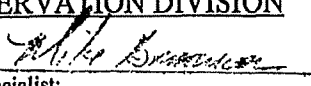
Unit Letter E	Section 10	Township 20S	Range 24E	Feet from the 1980	North/South Line North	Feet from the 660	East/West Line West	County Eddy
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Latitude 32.59024 Longitude -104.58223 NAD83

**NATURE OF RELEASE**

Type of Release Crude Oil/Produced Water	Volume of Release 9.5 B/O & 1 P/W	Volume Recovered 9.5 B/O & 0.5 P/W
Source of Release Produced Water Tanks	Date and Hour of Occurrence 01/25/2018; 8:00 AM	Date and Hour of Discovery 01/25/2018; AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
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.* Pump system became plugged with debris; Facility continued to receive water until tanks reached overflow level. Vacuum truck and roustabout crew were called.		
Describe Area Affected and Cleanup Action Taken.* The impacted area was approximately 165' X 35' within the primary bermed/lined battery (this containment is bermed with a 20 mil liner). All released oil and 50% (0.5 B/PW) was recovered. A liner integrity test will be conducted, if results are within the allowable limits to affirm integrity a Final Report, C-141 will be submitted to the NMOCD requesting closure. If the results indicate integrity failure a characterization plan will be submitted to the NMOCD. Depth to Ground Water: >100' (268' per NMOSE & 282' per USGS), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.		
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**OIL CONSERVATION DIVISION**

Signature: 	Signed By 	
Printed Name: Robert Asher	Approved by Environmental Specialist:	
Title: Environmental Supervisor	Approval Date: 2/16/18	Expiration Date: N/A
E-mail Address: robert.asher@eogresources.com	Conditions of Approval: See attached	Attached <input type="checkbox"/> 2RP-4621
Date: February 12, 2018	Phone: 575-748-4217	

\* Attach Additional Sheets If Necessary

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 2/12/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RP 4621 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,

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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.

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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:** Yvette Moore <Yvette\_Moore@eogresources.com>  
**Sent:** Monday, February 12, 2018 11:40 AM  
**To:** Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD  
**Cc:** Bob Asher; Chase Settle  
**Subject:** C-141 Initial Donahue Federal SWD #1  
**Attachments:** Form C-141 Initial (Donahue Federal SWD #1).pdf

Please find the attached C-141 Initial for the location listed below:

Donahue Federal SWD #1  
30-015-00087  
1980 FNL' & 660 FWL'  
Sec 10-20S-24E  
Eddy County, New Mexico



**Yvette Moore**  
Rep Safety & Environmental II  
Safety & Environmental Department  
Artesia Division  
(575)748-4223  
yvette\_moore@eogresources.com



**From:** [Weaver, Crystal, EMNRD](#)  
**To:** ["Yvette Moore"; Bratcher, Mike, EMNRD](#)  
**Cc:** [Bob Asher; Chase Settle](#)  
**Subject:** RE: C-141 Initial Donahue Federal SWD #1  
**Date:** Thursday, March 15, 2018 4:32:00 PM  
**Attachments:** [image001.png](#)  
[1. 4621 - COAs and signed C-141 Initial.pdf](#)

---

RE: EOG \* Donahue Federal SWD #1 \* 30-015-00087 \* 2RP-4621

Yvette/Bob,

I have included a scanned copy of the signed Initial C-141 Remediation Permit along with an attached Conditions of Approval (COA). The OCD tracking number for this event is 2RP-4621, please refer to this tracking number on any and all submissions sent in to the OCD. Please remit a site characterization plan (see COA document included in attachment) or advise OCD of plan of action immediately since this one has a due date of 3/12/18 and that has passed.

Thank you,

**Crystal Weaver**

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

---

**From:** Yvette Moore [mailto:Yvette\_Moore@eogresources.com]  
**Sent:** Monday, February 12, 2018 11:40 AM  
**To:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>  
**Cc:** Bob Asher <Bob\_Asher@eogresources.com>; Chase Settle <Chase\_Settle@eogresources.com>  
**Subject:** C-141 Initial Donahue Federal SWD #1

Please find the attached C-141 Initial for the location listed below:

Donahue Federal SWD #1  
30-015-00087  
1980 FNL' & 660 FWL'  
Sec 10-20S-24E

Eddy County, New Mexico



**Yvette Moore**

Rep Safety & Environmental II

Safety & Environmental Department

Artesia Division

(575)748-4223

[yvette\\_moore@eogresources.com](mailto:yvette_moore@eogresources.com)



**From:** [Bratcher, Mike, EMNRD](#)  
**To:** ["Bob Asher"; Weaver, Crystal, EMNRD; Yvette Moore](#)  
**Cc:** [Tucker, Shelly](#)  
**Subject:** RE: C-141 Initial Donahue Federal SWD #1  
**Date:** Monday, May 14, 2018 10:02:00 AM  
**Attachments:** [image001.png](#)

---

RE: EOG Y \* Donahue Fed SWD 1 \* **2RP-4621** \* DOR: 1/25/18

Bob,

Your proposal for liner inspection and subsequent sampling program should the liner fail the integrity test, is approved. Federal sites will require like approval from BLM.

Thank you,

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

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

---

**From:** Bob Asher <Bob\_Asher@eogresources.com>  
**Sent:** Tuesday, March 20, 2018 3:56 PM  
**To:** Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Yvette Moore  
 <Yvette\_Moore@eogresources.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Subject:** RE: C-141 Initial Donahue Federal SWD #1

Thank you,

**Robert C. "Bob" Asher**  
**Environmental Supervisor**  
 Safety & Environmental Department  
 EOG Resources, Inc.  
 Artesia Division  
**EOG Safety Begins With YOUR Safety**




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**From:** Weaver, Crystal, EMNRD [<mailto:Crystal.Weaver@state.nm.us>]

**Sent:** Thursday, March 15, 2018 4:33 PM

**To:** Yvette Moore <[Yvette\\_Moore@eogresources.com](mailto:Yvette_Moore@eogresources.com)>; Bratcher, Mike, EMNRD  
<[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>

**Cc:** Bob Asher <[Bob\\_Asher@eogresources.com](mailto:Bob_Asher@eogresources.com)>; Chase Settle <[Chase\\_Settle@eogresources.com](mailto:Chase_Settle@eogresources.com)>

**Subject:** RE: C-141 Initial Donahue Federal SWD #1

**\*\* External email. Use caution.\*\***

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RE: EOG \* Donahue Federal SWD #1 \* 30-015-00087 \* 2RP-4621

Yvette/Bob,

I have included a scanned copy of the signed Initial C-141 Remediation Permit along with an attached Conditions of Approval (COA). The OCD tracking number for this event is 2RP-4621, please refer to this tracking number on any and all submissions sent in to the OCD. Please remit a site characterization plan (see COA document included in attachment) or advise OCD of plan of action immediately since this one has a due date of 3/12/18 and that has passed.

Thank you,

**Crystal Weaver**

Environmental Specialist

OCD – Artesia District II

811 S. 1<sup>st</sup> Street

Artesia, NM 88210

Office: 575-748-1283 ext. 101

Cell: 575-840-5963

Fax: 575-748-9720

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**From:** Yvette Moore [[mailto:Yvette\\_Moore@eogresources.com](mailto:Yvette_Moore@eogresources.com)]

**Sent:** Monday, February 12, 2018 11:40 AM

**To:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Weaver, Crystal, EMNRD  
<[Crystal.Weaver@state.nm.us](mailto:Crystal.Weaver@state.nm.us)>

**Cc:** Bob Asher <[Bob\\_Asher@eogresources.com](mailto:Bob_Asher@eogresources.com)>; Chase Settle <[Chase\\_Settle@eogresources.com](mailto:Chase_Settle@eogresources.com)>

**Subject:** C-141 Initial Donahue Federal SWD #1

Please find the attached C-141 Initial for the location listed below:

Donahue Federal SWD #1

30-015-00087



1980 FNL' & 660 FWL'  
Sec 10-20S-24E  
Eddy County, New Mexico



**Yvette Moore**

Rep Safety & Environmental II  
Safety & Environmental Department  
Artesia Division  
(575)748-4223  
[yvette\\_moore@eogresources.com](mailto:yvette_moore@eogresources.com)

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  
OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company EOG Y Resources, Inc.	Contact Robert Asher
Address 104 S. 4 <sup>th</sup> Street Artesia NM 88210	Telephone No. 575-748-1471
Facility Name Donahue Federal SWD #1	Facility Type SWD Facility
Surface Owner Federal	Mineral Owner Federal
API No. 30-015-00087	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	10	20S	24E	1980	North	660	West	Eddy

Latitude 32.59024 Longitude -104.58223 NAD83

**NATURE OF RELEASE**

Type of Release Crude Oil/Produced Water	Volume of Release 9.5 B/O & 1 P/W	Volume Recovered 9.5 B/O & 0.5 P/W
Source of Release Produced Water Tanks	Date and Hour of Occurrence 01/25/2018; 8:00 AM	Date and Hour of Discovery 01/25/2018; AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
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

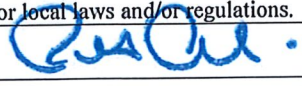
Describe Cause of Problem and Remedial Action Taken.\*

Pump system became plugged with debris; Facility continued to receive water until tanks reached overflow level. Vacuum truck and roustabout crew were called.

Describe Area Affected and Cleanup Action Taken.\*

The impacted area was approximately 165' X 35' within the primary bermed/lined battery (this containment is bermed with a 20 mil liner). All released oil and 50% (0.5 B/PW) was recovered. Liner integrity test will be conducted, if results are within the allowable limits to affirm integrity a Final Report, C-141 will be submitted to the NMOCD requesting closure. Depth to Ground Water: >100' (268' per NMOSE & 282' per USGS), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. Based off of demonstrated and documented liner integrity, EOG Y Resources, Inc. requests closure.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Robert Asher	Approved by Environmental Specialist: <i>Ashley Maxwell</i>	
Title: Environmental Supervisor	Approval Date: 4/10/2023	Expiration Date:
E-mail Address: robert_asher@eogresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: November 13, 2018	Phone: 575-748-4217	

\* Attach Additional Sheets If Necessary



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 203761

CONDITIONS

Operator: EOG Y RESOURCES, INC. 104 S 4th St Artesia, NM 88210	OGRID: 25575
	Action Number: 203761
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	4/10/2023