

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 24, 2018
Submit to appropriate OCD District office

Incident ID	NAB1806031311
District RP	2RP-4639
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources, Inc.	OGRID 7377
Contact Name Chase Settle	Contact Telephone 575-748-1471
Contact email Chase_Settle@eogresources.com	Incident # (assigned by OCD) NAB1806031311
Contact mailing address 104 S. 4th Street, Artesia, NM 88210	

Location of Release Source

Latitude 32.8894043 Longitude -104.2591934
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Mucho Luck BBW Federal Com #2H	Site Type Battery
Date Release Discovered 02/14/2018	API# 30-015-39348

Unit Letter	Section	Township	Range	County
P	27	16	27E	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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 8	Volume Recovered (bbls) 7.5
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input 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 Please refer to the attached original C-141 form for 2RP-4639 for cause of release and immediate action steps. EOG Resources is submitting for closure via the new form to formally close out this incident. All sampling and correspondence is also attached.

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> 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)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> 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: <u>Chase Settle</u>	Title: <u>Rep Safety & Environmental Sr</u>
Signature: <u></u>	Date: <u>09/27/2021</u>
email: <u>Chase_Settle@eogresources.com</u>	Telephone: <u>575-748-1471</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

State of New Mexico
Oil Conservation Division

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Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Oil Conservation Division

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

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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

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: Chase Settle Title: Rep Safety and Environmental Sr
 Signature:  Date: 09/27/2021
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

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: 10/07/2021
 Printed Name: Bradford Billings Title: Envi.Spec.A



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

November 20, 2018

Mr. Bradford Billings
NMOCD District IV
1220 South Saint Francis Drive
Santa Fe, NM 87505

Re: Mucho Luck BBW Federal Com #2H
30-015-39348
Section 27, T16S-R27E
Eddy County, New Mexico
2RP-4639

Mr. Billings,

EOG Y Resources, Inc. is submitting to the NMOCD District IV, 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 2/28/2018.

Thank you.

EOG Y Resources, Inc.

Robert Asher
Environmental Supervisor

Cc: Mike Bratcher

I. Location

GO EAST OF ARTESIA ON HWY 82 FOR APPROX. 8 MILES TO THE POWERSTATION AT SOUTHERN UNION ROAD. TURN LEFT ON SOUTHERN UNION ROAD AND GO APPROX. 2.8 MILES. FOLLOW THE ROAD TO THE RIGHT RESSOR SITE. 1.1 MILES TO A WHITE COMPRESSOR SITE. TURN LEFT HERE AND GO APPROX. 2.2 MILES TO A CATTLEGUARD AND WHITE TANK ON THE RIGHT. TURN LEFT HERE AND FOLLOW THE EXISTING LEASE ROAD FOR APPROX. 0.7 OF A MILE. TURN RIGHT HERE AND GO 0.3 OF A MILE TO THE GEM DANDY BCG ST. COM # 2H WELL SITE. FROM THE NORTHEAST CORNER OF THE GEM DANDY # 2H WELL. THE NEW ACCESS ROAD WILL START HERE GOING NORTH FOR APPROX. 0.2 OF A MILE. THEN TO THE LEFT APPROX. 0.1 OF A MILE TO THE NORTHEAST CORNER OF LOCATION.

II. Background

On February 28, 2018, EOG Y Resources, Inc. submitted to the NMOCD District I Office a Form C-141 for the release of 8 B/O with 7.5 B/O recovered. This release occurred when a gasket on a fire tube failed with the possible failure of a back pressure valve to open. This caused the vessel to pressure up and the gasket to fail before the PRV could be activated. This release occurred on 2/14/2018. The affected area is approximately 25' X 95' (within the bermed and lined heater/knockout area which measures approximately 40' X 120'). A vacuum truck(s) was called, and recovered 94% of the oil. A roustabout crew was dispatched, the affected material (gravel with the 0.5 B/O entrained within the gravel) was hauled to an NMOCD approved facility. The liner was exposed to inspect and demonstrate liner integrity.

III. Surface and Ground Water

Area surface geology is Quaternary (older alluvial deposits). Based on information regarding this location (Section 17, T16S-R28E), the New Mexico Office of the State Engineer (NMOSE) database depth to groundwater is follows: (NMOSE-RA 02250, DTGW @ 70', 0.94 miles northwest), The depth to groundwater is approximately 70.0, per NMOSE groundwater level.

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 Pecos River (4.98 miles, west of the location).

IV. NMOCD Ranking Criteria

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

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

V. Liner Integrity

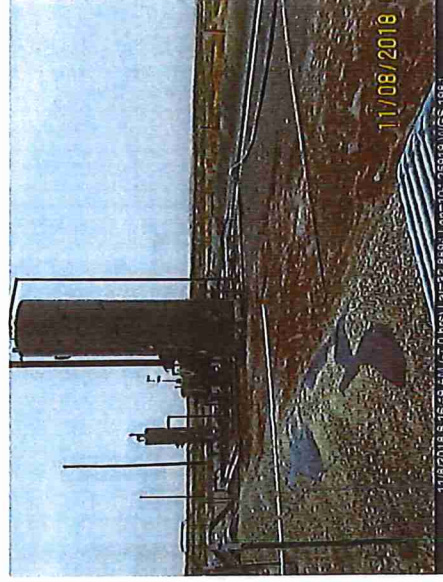
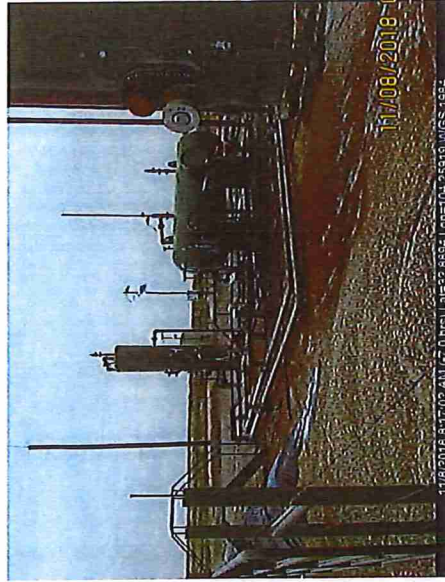
The release occurred within a lined containment area, EOG Y Resources, Inc. demonstrated liner integrity after affected material is removed and the affected area of the liner is exposed and is providing certification on form C-141.

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 6, 2018, a two business days' notice was emailed to the NMOCD Division II Office before conducting the liner inspection on 11/8/2018.

Figure 2

Photos



Appendix A

NMOCD Liner Inspection Notification

Bob Asher

From: Bob Asher
Sent: Tuesday, November 6, 2018 6:52 AM
To: maria.pruett@state.nm.us
Cc: mike.bratcher@state.nm.us; Katie Jamison (Katie_Jamison@eogresources.com)
Subject: Liner Inspections

EOG Resources, Inc. will be conducting a liner inspection at the following locations on November 8, 2018 at 7:00 AM.

Sears BRS #2H
Mucho Luck BBW Federal Com #2H
Junior AWW State #4H

EOG will start at the Sears BRS #2H.

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

NM OIL CONSERVATION ARTESIA DISTRICT

FEB 28 2018

Form C-141

Revised April 3, 2017

State of New Mexico
Energy Minerals and Natural Resources

RECEIVED

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

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

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

Release Notification and Corrective Action OPERATOR

NAB18010031311

☒ Initial Report ☐ Final Report

Name of Company EOG Y Resources, Inc.	25575	Contact Robert Asher
Address 104 S. 4 th Street Artesia NM 88210		Telephone No. 575-748-1471
Facility Name Mucho Luck BBW Federal Com #2H		Facility Type Battery

Surface Owner Federal	Mineral Owner Federal	API No. 30-015-39348
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LOCATION OF RELEASE

Unit Letter P	Section 27	Township 16S	Range 27E	Feet from the 1100	North/South Line South	Feet from the 330	East/West Line East	County Eddy
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Latitude 32.8894043 Longitude -104.2591934 NAD83

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 8 B/O	Volume Recovered 7.5 B/O
Source of Release Transfer line	Date and Hour of Occurrence 02/14/18; 2:00 PM	Date and Hour of Discovery 02/14/18; PM
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


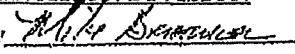
Describe Cause of Problem and Remedial Action Taken.*

Gasket of fire tube failed. Possible failure of a back pressure valve to open, caused the vessel to pressure up and gasket to fail before PRV could be activated.

Describe Area Affected and Cleanup Action Taken.*

The impacted area is approximately 40' X 120' in the lined and bermed. Vacuum truck recovered 94% of the released (the remaining 0.5 B/O was entrained within the gravel and removed/disposed at an NMOCD approved facility. 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: 50-99' (70' per NMOSE, Section 27, T16S-R27E), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10.

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: 3/1/18	Expiration Date: N/A
Date: February 28, 2018	Conditions of Approval: See attached	Attached <input checked="" type="checkbox"/> 282-4639
Phone: 575-748-4217		

* Attach Additional Sheets If Necessary

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 2/28/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RP-4034 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 3/28/2018. 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; C₆ thru C₃₆), 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; C₆ thru C₃₆), 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.

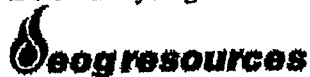
Jim Griswold
OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

Bratcher, Mike, EMNRD

From: Bob Asher <Bob_Asher@eogresources.com>
Sent: Wednesday, February 28, 2018 4:00 PM
To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; stucker@blm.gov
Cc: Yvette Moore
Subject: Form C-141 Initial Report (Mucho Luck BBW Federal Com #2H)
Attachments: Form C-141 Initial Report (Mucho Luck BBW Federal Com #2H, 2-14-2018).pdf

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 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
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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 th Street Artesia NM 88210	Telephone No. 575-748-1471
Facility Name Mucho Luck BBW Federal Com #2H	Facility Type Battery
Surface Owner Federal	Mineral Owner Federal
API No. 30-015-39348	

LOCATION OF RELEASE

Unit Letter P	Section 27	Township 16S	Range 27E	Feet from the 1100	North/South Line South	Feet from the 330	East/West Line East	County Eddy
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Latitude 32.8894043 Longitude -104.2591934 NAD83

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 8 B/O	Volume Recovered 7.5 B/O
Source of Release Transfer line	Date and Hour of Occurrence 02/14/18; 2:00 PM	Date and Hour of Discovery 02/14/18; PM
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. *

Gasket of fire tube failed. Possible failure of a back pressure valve to open, caused the vessel to pressure up and gasket to fail before PRV could be activated.

Describe Area Affected and Cleanup Action Taken. *

The impacted area is approximately 40' X 120' in the lined and bermed. Vacuum truck recovered 94% of the released (the remaining 0.5 B/O was entrained within the gravel and removed/disposed at an NMOCD approved facility. 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. Depth to Ground Water: 50-99' (70' per NMOSE, Section 27, T16S-R27E), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10. 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: 	OIL CONSERVATION DIVISION	
Printed Name: Robert Asher	Approved by Environmental Specialist:	
Title: Environmental Supervisor	Approval Date:	Expiration Date:
E-mail Address: bob_asher@eogresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: November 20, 2018	Phone: 575-748-4217	

* Attach Additional Sheets If Necessary

Yvette Moore

From: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>
Sent: Monday, April 9, 2018 11:33 AM
To: Bob Asher; Billings, Bradford, EMNRD; Bratcher, Mike, EMNRD
Cc: Yvette Moore; Katie Jamison; Chase Settle
Subject: RE: Mucho Luck BBW Federal Com #2H Characterization Plan

** External email. Use caution.**
 Sounds good.

From: Bob Asher <Bob_Asher@eogresources.com>
Sent: Friday, April 6, 2018 1:59 PM
To: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>
Cc: Yvette Moore <Yvette_Moore@eogresources.com>; Katie Jamison <Katie_Jamison@eogresources.com>; Chase Settle <Chase_Settle@eogresources.com>
Subject: RE: Mucho Luck BBW Federal Com #2H Characterization Plan

Brad,

Per our discussion at yesterday's meeting (4/5/2018) between EOG Resources and the NMOCD, EOG Y Resources, Inc. requests to rescind the Characterization Plan for the Mucho Luck BBW Federal Com #2H submitted on 4/4/2018. EOG Y will conduct a visual inspection of the battery, photo document the release area and submit a Form C-141, Initial/Final Report to the NMOCD District II Office requesting closure for the February 14, 2018 release.

Thank you,

Robert C. "Bob" Asher

Environmental Supervisor
 Safety & Environmental Department
 EOG Resources, Inc.
 Artesia Division
EOG Safety Begins With YOUR Safety



From: Bob Asher
Sent: Wednesday, April 4, 2018 9:11 AM
To: mike.bratcher@state.nm.us; Weaver, Crystal, EMNRD (Crystal.Weaver@state.nm.us)
 <Crystal.Weaver@state.nm.us>
Cc: Yvette Moore <yvette_moore@eogresources.com>
Subject: Mucho Luck BBW Federal Com #2H Characterization Plan

Thank you,

Robert C. "Bob" Asher

Environmental Supervisor
 Safety & Environmental Department

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 54065

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 54065
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	10/7/2021