NM OIL CONSERVATION

ARTESIA DISTRICT

State of New Mexico Energy Minerals and Natural Resource DEC 1 9 2017

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 D 12

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

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

Santa Fe, NM 87505         Release Notification and Corrective Action OPERATOR         Andress       OPERATOR         Name of Company EGO Y Resources, Inc.       25575         Contact       Chase Settle         Address       Telephone No.         104 S. 4 <sup>th</sup> Street Artesia NM 88210       575-748-1471         Tacility Name       Battery         Battery       Battery         Sufface Owner       Private         Private       Private         Unit Letter       Section         N       8         198       198         22.67.018       Longitude _104.50915         NATURE OF RELEASE       County         Unit Letter       Section         N       8         198       Feet from the South         South       Institude 32.67018         Letitude 32.67018       Longitude _104.50915         NATURE OF RELEASE       Volume Recovered         South       Date and Hour of Discovery         Late and Hour of Occurrence       Date and Hour of Discovery         Locember 11, 2017; PM       12/10/2017; 12/10 PM         Was Immediate Notice Giver?       Mick Brancher, Crystal Weaver         By Whon?       Docember	20 C St Empire Dr. Conte Es NM 97505	outh St. Francis Dr.				
OPERATOR         Name of Company         EOG Y Resources, Inc.         Address         Ind S. 4 <sup>A</sup> Street Artesia NM 88210         104 S. 4 <sup>A</sup> Street Artesia NM 88210         105 S. 4 <sup>A</sup> Street Artesia NM 88210         104 S. 4 <sup>A</sup> Street Artesia NM 88210         105 S. 4 <sup>A</sup> Street Artesia NM 88210         Street Artesia NM 88210         105 Street Artesia NM 88210						
DHH2[1]3[0]3[0.150.254]       ☑ Initial Report ☐ Final Report         Name of Company       Contact         CGO Y Resources, Inc.       255755         Chase Settle						
Name of Company       25555         Contact       Chase Settle         CAddress       Telephone No.         Start Street Artesia NM 88210       575-748-1471         Facility Name       Facility Type         Battery       Battery         Surface Owner       Mineral Owner         Private       Private         Surface Owner       Mineral Owner         Private       API No.         30-015-25905       LOCATION OF RELEASE         Unit Letter       Section         N       8         J9S       25E         660       South         J9S       25E         660       South         J9S       25E         Colast South       Feet from the North/South Line Feet from the Patter South         J9S       25E         Volume of Release       Volume of Release         Produced Water       So B/W         Source of Release       Date and Hour of Occurrence 12/10/2017; PM         Check valve on produced water transfer line       12/10/2017; PM         Was Immediate Notice Given?       If YES, To Whom?         Robert Asher       Dace and Hour of Cocurrence 12/10/2017; 12:10 PM         Was a Matercourse Reached?	NAB173(2)30254					
Address       Telephone No. 575-748-1471         IO4 S. 4 <sup>h</sup> Street Artesia NM 88210       575-748-1471         Facility Name       Facility Type         Battery       Battery         Surface Owner       Private         Private       API No. 30-015-25905         LOCATION OF RELEASE         Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line Eddy         North/South Line Feet from the East/West Line Eddy         Describe County         Volume of Release         Volume of Occurrence         Date and Hour of Occurrence         Volume Recovered         Wolume Recovered         Wolume of Release         Volume Recovered         Volume Recovered         Volume Recovered         Volume Recovered <td <="" colspan="2" td=""><td>Name of Company</td><td>Contact</td></td>	<td>Name of Company</td> <td>Contact</td>		Name of Company	Contact		
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Facility Name       Facility Type         Julie #2 Battery       Battery         Surface Owner       Mineral Owner         Private       Mineral Owner         Private       API No.         30-015-25905       30-015-25905         LOCATION OF RELEASE         Unit Letter       Section         N       8         19S       25E         660       North/South Line         1980       West         LocATION OF RELEASE         Unit Letter       South         1980       West         Volume Recovered 60 B/PW         Soly PW         Source of Release         Produced Water       Oolume of Release         Source of Release       Volume of Release         Source of Release       Date and Hour of Occurrence         Leck valve on produced water transfer line       12/10/2017; PM         Was Immediate Notice Given?       Mike Bratcher, Crystal Weaver         By Whon?       Date and Hour         Robert Asher       Date and Hour         Was a Watercourse Reached?       If YES, To Whom?         Mas a Watercourse was linpacted, Describe Fully.*       N/A						
Julie #2 Battery       Battery         Surface Owner       Mineral Owner       API No.         Private       30-015-25905         LOCATION OF RELEASE         Unit Letter       Section       Township       Range       Feet from the       North/South Line       Feet from the       East/West Line       County         N       8       19S       25E       660       North/South Line       Feet from the       East/West Line       County         Eddy       Latitude 32.67018       Longitude -104.50915       NAD83         NATURE OF RELEASE         Produced Water       Volume of Release       Volume Recovered         Produced Water       00 PM       50 B/PW       Source of Release         Produced Water       Date and Hour of Occurrence       Date and Hour of Discovery         Source of Release       Date and Hour of Occurrence       Date and Hour of Discovery         Was Immediate Notice Given?       If YES, To Whom?       If YES, To Whom?         Was a Watercourse Reached?       Yes ⊠ No       Not Required       Mike Bratcher, Crystal Weaver         By Whom?       Describe Fully.*       N/A       Describe Cause of Problem and Remedial Action Taken.*         There was a failure of a check valve on a produced water trans						
Private       30-015-25905         LOCATION OF RELEASE       LOCATION OF RELEASE         Unit Letter       Section       Township       Range       Feet from the       North/South Line       Feet from the       East/West Line       County         N       8       195       25E       Feet from the       North/South Line       Feet from the       East/West Line       County         Latitude 32.67018       Longitude -104.50915       NAD83         NATURE OF RELEASE         Type of Release       Volume of Release       Volume Recovered         Produced Water       Date and Hour of Occurrence       Date and Hour of Discovery         Source of Release       Date and Hour of Occurrence       Date and Hour of Discovery         Check valve on produced water transfer line       12/10/2017; PM       12/10/2017; 12:10 PM         Was Immediate Notice Given?       If YES, To Whom?       Mike Bratcher, Crystal Weaver         By Whon?       Date and Hour       December 11, 2017; 4:19 PM       If A Watercourse was Impacted, Describe Fully.* N/A         Describe Cause of Problem and Remedial Action Taken.*       There was a failure of a check valve on a produced water transfer line, which led to the release of produced water. A vacuum truck was called to recover standing fluid and a backhoe was dispatched to excavate impacted soils.         Describe Area Af						
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ATCX: IND. DISTANCE DESIGNATED DOINT ZITURE ATTER NATING IN U.	Nan will be submitted to the OCD. Depth to Ground Water: >100' (I Area: No, Distance to Surface Water Body: >1000', SITE RANKIN					
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	or the environment. In addition, NMOCD acceptance of a C-141 report					
federal, state, or local laws and/or regulations.	ederal, state, or local laws and/or regulations.					
Signature: Chan Settle OIL CONSERVATION DIVISION	Signature: Than Settle	OIL CONSERVATION DIVISION				
Printed Name: Chase Settle Approved by Environmental Specialist: ACCEPTED FOR HE		Approved by Environmental Specialist: Accepted for reconnected				
Title: Rep Safety & Environmental II Approval Date: 12120117 Expiration Date: N/A	Title: Ren Safety & Environmental II	Approval Date: 17/2/0/17 Expiration Date: N/A				

	E-mail Address: chase_settle@eogresources	.com	Conditions of	of Approval:	٩	Aunahad Da
	Date: December 19, 2017	Phone:575-748-4171	See	attache	d	Attached 12 JRP-453
*	Attach Additional Sheets If Necessary				<u> </u>	· · · · · · · · · · · · · · · · · · ·

12/22/17AB

Operator/Responsible Party,

The OCD has received the form C-141 you provided on **12/19/17** regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RP.453 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 <u>division-approved corrective action</u> 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 II office in Artesia on or before 1/19/18. 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

# Weaver, Crystal, EMNRD

From:Yvette Moore <Yvette\_Moore@eogresources.com>Sent:Tuesday, December 19, 2017 12:42 PMTo:Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRDCc:Chase Settle; Bob AsherSubject:Julie #2 Battery Initial C-141Attachments:C-141\_Initial\_Julie#2\_Battery\_2017\_12\_10.pdf

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

Julie #2 Battery 30-015-25905 660' FSL & 1980' FWL Section 8, T19S-R25E Eddy County, New Mexico

**eog resources** 

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

## Bratcher, Mike, EMNRD

From:	Bob Asher <bob_asher@eogresources.com></bob_asher@eogresources.com>
Sent:	Monday, December 11, 2017 4:19 PM
То:	Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD
Cc:	Amber Griffin; Chase Settle; Katie Parker
Subject:	Release Notification (Julie #2 Battery)

### EOG Y Resources, Inc. is reporting a release at the following location (12/11/2017, 12:08 PM).

Julie #2 Battery Section 17, T19S-R25E Eddy County, New Mexico

#### Released: 60 B/PW; Recovered: 50 B/PW.

Cause of the release was from a check valve on water line split on the bottom. Vacuum truck(s) and roustabout crews were called. The release occurred outside the containment on the west edge of the battery. A Form C-141 with complete information will be submitted.

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

