

**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**

QUESTIONS

Action 244245

**QUESTIONS**

|                                                                                                   |                                                        |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CIMAREX ENERGY CO. OF COLORADO<br>6001 Deauville Blvd, Ste 300N<br>Midland, TX 79706 | OGRID:<br>162683                                       |
|                                                                                                   | Action Number:<br>244245                               |
|                                                                                                   | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| Location of Release Source                            |                                |
|-------------------------------------------------------|--------------------------------|
| <i>Please answer all the questions in this group.</i> |                                |
| Site Name                                             | West Shugart 31 Federal Com 5H |
| Date Release Discovered                               | 07/25/2023                     |
| Surface Owner                                         | Federal                        |

| Incident Details                                                                                     |                        |
|------------------------------------------------------------------------------------------------------|------------------------|
| <i>Please answer all the questions in this group.</i>                                                |                        |
| Incident Type                                                                                        | Produced Water Release |
| Did this release result in a fire or is the result of a fire                                         | No                     |
| Has this release reached or does it have a reasonable probability of reaching a watercourse          | No                     |
| Has this release endangered or does it have a reasonable probability of endangering public health    | No                     |
| Has this release substantially damaged or will it substantially damage property or the environment   | No                     |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No                     |

| Nature and Volume of Release                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Crude Oil Released (bbls) Details                                                                                                                                                           | Cause: Equipment Failure   Separator   Crude Oil   Released: 2 BBL   Recovered: 0 BBL   Lost: 2 BBL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Produced Water Released (bbls) Details                                                                                                                                                      | Cause: Equipment Failure   Separator   Produced Water   Released: 7 BBL   Recovered: 1 BBL   Lost: 6 BBL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Is the concentration of dissolved chloride in the produced water >10,000 mg/l                                                                                                               | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Condensate Released (bbls) Details                                                                                                                                                          | Not answered.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Natural Gas Vented (Mcf) Details                                                                                                                                                            | Not answered.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Natural Gas Flared (Mcf) Details                                                                                                                                                            | Not answered.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Other Released Details                                                                                                                                                                      | Not answered.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)                                        | A 3rd party trucking company was on location when the heater treater's PRV went off. He immediately notified the Lease Operator. Upon arrival, the Operator found fluid coming out of PRV, line pressure was over 80 psi and dumps were not dumping. After investigation, the heater's water and oil dumps were blocked and filled with solids. The well is shut in until the dumps can be repaired. An estimated 6 barrels water + 1.5 barrels oil were released inside the gravel lined containment and estimated 0.4 barrels water + 0.1 barrels oil over spray behind the containment wall. A hydro vac is scheduled to remove the impacted gravel from the containment and an environmental consultant will treat the over spray area. A liner inspection will be scheduled in the coming weeks. Spilled: 8 barrels water (7.5 barrels inside containment + 0.5 barrels over spray behind containment) Recovered: 1 barrel from containment |

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Action 244245

**QUESTIONS (continued)**

|                                                                                                   |                                                        |
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|                                                                                                   | Action Number:<br>244245                               |
|                                                                                                   | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>                                                                                                         |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Is this a gas only submission (i.e. only significant Mcf values reported)                                                                               | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by 19.15.29.7(A) NMAC                                                                                               | No, minor release.                                                                |
| Reasons why this would be considered a submission for a notification of a major release                                                                 |                                                                                   |
| If YES, was immediate notice given to the OCD, by whom                                                                                                  | Laci Luig                                                                         |
| If YES, was immediate notice given to the OCD, to whom                                                                                                  | OCD Enviro., BLM                                                                  |
| If YES, was immediate notice given to the OCD, when                                                                                                     | 07/26/2023                                                                        |
| If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)                                                                       | Email                                                                             |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. |                                                                                   |

**Initial Response**

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

|                                                                                                                    |               |
|--------------------------------------------------------------------------------------------------------------------|---------------|
| The source of the release has been stopped                                                                         | True          |
| The impacted area has been secured to protect human health and the environment                                     | True          |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True          |
| All free liquids and recoverable materials have been removed and managed appropriately                             | True          |
| If all the actions described above have not been undertaken, explain why                                           | Not answered. |

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 prepare and attach a narrative of actions to date in the follow-up C-141 submission. 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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ACKNOWLEDGMENTS  
  
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**ACKNOWLEDGMENTS**

|                                     |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/> | I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.                                                                                                                        |
| <input checked="" type="checkbox"/> | I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.                                                                                               |
| <input checked="" type="checkbox"/> | 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. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that 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.                                              |
| <input checked="" type="checkbox"/> | I acknowledge the fact that, 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.                                                                                                                                   |

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CONDITIONS

Action 244245

CONDITIONS

|                                                                                                   |                                                        |
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CONDITIONS

|            |                                                                                                                                                                     |                |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Created By | Condition                                                                                                                                                           | Condition Date |
| lluig      | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 7/26/2023      |