

**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 69835

**QUESTIONS**

|                                                                                  |                                                        |
|----------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CIMAREX ENERGY CO.<br>600 N. Marienfeld Street<br>Midland, TX 79701 | OGRID:<br>215099                                       |
|                                                                                  | Action Number:<br>69835                                |
|                                                                                  | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

|                                                          |                            |
|----------------------------------------------------------|----------------------------|
| <b>Location of Release Source</b>                        |                            |
| <i>Please answer all of the questions in this group.</i> |                            |
| Site Name                                                | Vaca Draw 20-17 Federal 9H |
| Date Release Discovered                                  | 01/02/2022                 |
| Surface Owner                                            | Federal                    |

|                                                                                                      |                        |
|------------------------------------------------------------------------------------------------------|------------------------|
| <b>Incident Details</b>                                                                              |                        |
| <i>Please answer all of 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                     |

|                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Nature and Volume of Release</b>                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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                                                                                                                                                           | Not answered.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Produced Water Released (bbls) Details                                                                                                                                                      | Cause: Equipment Failure   Fitting   Produced Water   Released: 65 BBL   Recovered: 64 BBL   Lost: 1 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)                                        | While pumping Stage 50 on the frac, a packing failed on a pump. The pump was shutdown when the leak was noticed but produced water filled the containments and spilled over onto the pad. An estimated 53.5 bbls were effectively contained in the containment mats and an estimated 11.5 bbls were released onto the ground. Stationary vac unit was utilized to retrieve the spilled fluid out of the containment and recover the fluid that spilled onto the ground. The impacted soil will be removed once frac equipment is removed from location. |

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QUESTIONS, Page 2

Action 69835

**QUESTIONS (continued)**

|                                                                                  |                                                        |
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**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>                                                                                                                |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Is this a gas only submission (i.e. only significant Mcf values reported)                                                                                      | <b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>                                   |
| Was this a major release as defined by 19.15.29.7(A) NMAC                                                                                                      | <b>Yes, major release.</b>                                                                                                 |
| Reasons why this would be considered a submission for a notification of a major release                                                                        | <ul style="list-style-type: none"> <li>Unauthorized release of a volume, excluding gases, of 25 barrels or more</li> </ul> |
| If YES, was immediate notice given to the OCD, by whom                                                                                                         | Gloria Garza                                                                                                               |
| If YES, was immediate notice given to the OCD, to whom                                                                                                         | OCD Enviro, BLM                                                                                                            |
| If YES, was immediate notice given to the OCD, when                                                                                                            | 01/02/2022                                                                                                                 |
| If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)                                                                              | Email                                                                                                                      |
| <i>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.</i> |                                                                                                                            |

**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 69835

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. | 1/3/2022       |