



29705G

Sample Point Code

17555

Sample Point Name

Tough Ombres 6/4 Batt #1 VRU

Sample Point Location

Laboratory Services

Source Laboratory

2026135427

Lab File No

3765

Container Identity

Raul Vega - Spot

Sampler

USA

District

USA

Area Name

USA

Field Name

New Mexico

Facility Name

Apr 23, 2026

Date/Time Sampled

Apr 1, 2026

Date Effective

Apr 30, 2026 18:00

Date Received

May 4, 2026

Date Reported

75.00

Ambient Temp (°F)

372.00

Flow Rate (Mcf)

Admin

Analyst

161 @ 92

Press PSI @ Temp °F  
Source Conditions

Mewbourne Oil Company

Operator

NG

Lab Source Description

| Component          | Normalized<br>Mol % | Un-Normalized<br>Mol % | GPM     |
|--------------------|---------------------|------------------------|---------|
| H2S (H2S)          | 0.0000              | 0                      |         |
| Nitrogen (N2)      | 0.5430              | 0.54252                |         |
| CO2 (CO2)          | 0.1970              | 0.19708                |         |
| Methane (C1)       | 25.5440             | 25.5444                |         |
| Ethane (C2)        | 24.9220             | 24.9216                | 6.6630  |
| Propane (C3)       | 26.7080             | 26.70824               | 7.3560  |
| I-Butane (IC4)     | 4.3520              | 4.35161                | 1.4240  |
| N-Butane (NC4)     | 10.6380             | 10.63767               | 3.3530  |
| I-Pentane (IC5)    | 2.2300              | 2.23022                | 0.8150  |
| N-Pentane (NC5)    | 2.3330              | 2.33343                | 0.8450  |
| Hexanes Plus (C6+) | 2.5330              | 2.53323                | 1.0990  |
| TOTAL              | 100.0000            | 100.0000               | 21.5550 |

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

## Analyzer Information

Device Type: Gas Chromatograph Device Make: Shimadzu  
Device Model: GC-2014 Last Cal Date: Apr 20, 2026

Gross Heating Values (Real, BTU/ft<sup>3</sup>)

|                        |                       |         |           |
|------------------------|-----------------------|---------|-----------|
| 14.696 PSI @ 60.00 Å°F | 14.73 PSI @ 60.00 Å°F |         |           |
| Dry                    | Saturated             | Dry     | Saturated |
| 2,179.9                | 2,143.8               | 2,184.9 | 2,148.8   |

## Calculated Total Sample Properties

GPA2145-16 \*Calculated at Contract Conditions

Relative Density Real

Relative Density Ideal

1.3282

1.3111

Molecular Weight

37.9727

## C6+ Group Properties

Assumed Composition

C6 - 60.000% C7 - 30.000% C8 - 10.000%

Field H2S

0 PPM

## PROTREND STATUS:

Passed By Validator on May 5, 2026

## DATA SOURCE:

Imported

## PASSED BY VALIDATOR REASON:

First sample taken @ this point, composition looks reasonable

## VALIDATOR:

Alexus Sepeda

## VALIDATOR COMMENTS:

OK

Mewbourne Oil Company

Natural Gas Flared Calculation Methodology

Metering low-pressure gas diverted from the Vapor Recovery Unit ("VRU") to backup flare is not technologically feasible. Gas volumes for VRU downtime events will be calculated using an average metered VRU gas to oil production ratio. This GOR is derived from available relevant data.

Average Metered VRU Gas to Oil Production GOR = 0.18 Mcf/BBL

Flared gas volume = GOR \* Oil Production Volume (BBL)

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

DEFINITIONS

Action 625987

DEFINITIONS

|                                                                   |                                                        |
|-------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88240 | OGRID:<br>14744                                        |
|                                                                   | Action Number:<br>625987                               |
|                                                                   | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

DEFINITIONS

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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QUESTIONS

Action 625987

**QUESTIONS**

|                                                                   |                                                        |
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**QUESTIONS**

|                                                                                                                                                                                                   |                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>Prerequisites</b><br><i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i> |                                                    |
| Incident Well                                                                                                                                                                                     | Unavailable.                                       |
| Incident Facility                                                                                                                                                                                 | [APP2425460331] SCREAMING EAGLES 8/7 SOUTH BATTERY |

|                                                                                                                                                                                                                                                                                            |                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Determination of Reporting Requirements</b><br><i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>                                                                                               |                                                   |
| Was this vent or flare caused by an emergency or malfunction                                                                                                                                                                                                                               | Yes                                               |
| Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event                                                                                                                                                                                 | Yes                                               |
| Is this considered a submission for a vent or flare event                                                                                                                                                                                                                                  | Yes, minor venting and/or flaring of natural gas. |
| <i>An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.</i>                                                                                     |                                                   |
| Was there <b>at least 50 MCF</b> of natural gas vented and/or flared during this event                                                                                                                                                                                                     | Yes                                               |
| Did this vent or flare result in the release of <b>ANY</b> liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water | No                                                |
| Was the vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence                                                                                                              | No                                                |

|                                                           |                 |
|-----------------------------------------------------------|-----------------|
| <b>Equipment Involved</b>                                 |                 |
| Primary Equipment Involved                                | Other (Specify) |
| Additional details for Equipment Involved. Please specify | VRU             |

|                                                                                                                                                                    |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Representative Compositional Analysis of Vented or Flared Natural Gas</b><br><i>Please provide the mole percent for the percentage questions in this group.</i> |               |
| Methane (CH4) percentage                                                                                                                                           | 26            |
| Nitrogen (N2) percentage, if greater than one percent                                                                                                              | 1             |
| Hydrogen Sulfide (H2S) PPM, rounded up                                                                                                                             | 0             |
| Carbon Dioxide (CO2) percentage, if greater than one percent                                                                                                       | 0             |
| Oxygen (O2) percentage, if greater than one percent                                                                                                                | 0             |
| <i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>                               |               |
| Methane (CH4) percentage quality requirement                                                                                                                       | Not answered. |
| Nitrogen (N2) percentage quality requirement                                                                                                                       | Not answered. |
| Hydrogen Sulfide (H2S) PPM quality requirement                                                                                                                     | Not answered. |
| Carbon Dioxide (CO2) percentage quality requirement                                                                                                                | Not answered. |
| Oxygen (O2) percentage quality requirement                                                                                                                         | Not answered. |

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QUESTIONS, Page 2

Action 625987

**QUESTIONS (continued)**

|                                                                   |                                                        |
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|                                                                   | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS**

| Date(s) and Time(s)                            |            |
|------------------------------------------------|------------|
| Date vent or flare was discovered or commenced | 09/09/2026 |
| Time vent or flare was discovered or commenced | 12:00 AM   |
| Time vent or flare was terminated              | 11:59 PM   |
| Cumulative hours during this event             | 24         |

| Measured or Estimated Volume of Vented or Flared Natural Gas              |                                                                                                                       |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Natural Gas Vented (Mcf) Details                                          | Not answered.                                                                                                         |
| Natural Gas Flared (Mcf) Details                                          | Cause: Equipment Failure   Other (Specify)   Natural Gas Flared   Released: 88 Mcf   Recovered: 0 Mcf   Lost: 88 Mcf. |
| Other Released Details                                                    | Not answered.                                                                                                         |
| Additional details for Measured or Estimated Volume(s). Please specify    | Volume calculated                                                                                                     |
| Is this a gas only submission (i.e. only significant Mcf values reported) | Yes, according to supplied volumes this appears to be a "gas only" report.                                            |

| Venting or Flaring Resulting from Downstream Activity             |               |
|-------------------------------------------------------------------|---------------|
| Was this vent or flare a result of downstream activity            | No            |
| Was notification of downstream activity received by this operator | Not answered. |
| Downstream OGRID that should have notified this operator          | Not answered. |
| Date notified of downstream activity requiring this vent or flare | Not answered. |
| Time notified of downstream activity requiring this vent or flare | Not answered. |

| Steps and Actions to Prevent Waste                                                                                               |                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control. | True                                                                       |
| Please explain reason for why this event was beyond this operator's control                                                      | VRU malfunctioned                                                          |
| Steps taken to limit the duration and magnitude of vent or flare                                                                 | Repaired VRU                                                               |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare                                                | Continued routine preventive maintenance and daily operational inspections |



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ACKNOWLEDGMENTS

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**ACKNOWLEDGMENTS**

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**ACKNOWLEDGMENTS**

|                                     |                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.                                                                                      |
| <input checked="" type="checkbox"/> | I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively. |
| <input checked="" type="checkbox"/> | I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.                                                                                                        |
| <input checked="" type="checkbox"/> | I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.                       |
| <input checked="" type="checkbox"/> | I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.                                                                                                                          |

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CONDITIONS

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CONDITIONS

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CONDITIONS

|            |                                                                                                                                                                                    |                |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Created By | Condition                                                                                                                                                                          | Condition Date |
| zlaccount  | If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event. | 9/18/2026      |