



|                     |                        |                       |                                          |
|---------------------|------------------------|-----------------------|------------------------------------------|
| 12252G              | Gouda 604H             | Gouda 604H            |                                          |
| Sample Point Code   | Sample Point Name      | Sample Point Location |                                          |
| Laboratory Services | 2021044352             | 0705                  | F Sanchez - Spot                         |
| Source Laboratory   | Lab File No            | Container Identity    | Sampler                                  |
| USA                 | USA                    | USA                   | Default                                  |
| District            | Area Name              | Field Name            | Facility Name                            |
| Aug 3, 2021         | Aug 3, 2021            | Aug 4, 2021 12:52     | Aug 5, 2021                              |
| Date Sampled        | Date Effective         | Date Received         | Date Reported                            |
| Ambient Temp (°F)   | Flow Rate (Mcf)        | Torrance              | 195 @ 141                                |
|                     |                        | Analyst               | Press PSI @ Temp °F<br>Source Conditions |
| Innospec            | Centennial             |                       |                                          |
| Operator            | Lab Source Description |                       |                                          |

| Component          | Normalized Mol % | Un-Normalized Mol % | GPM    |
|--------------------|------------------|---------------------|--------|
| H2S (H2S)          | 0.0000           | 0                   |        |
| Nitrogen (N2)      | 1.3800           | 1.37959             |        |
| CO2 (CO2)          | 0.1100           | 0.11041             |        |
| Methane (C1)       | 70.2380          | 70.23656            |        |
| Ethane (C2)        | 14.3500          | 14.35038            | 3.8370 |
| Propane (C3)       | 7.5850           | 7.58515             | 2.0890 |
| I-Butane (IC4)     | 0.9360           | 0.93566             | 0.3060 |
| N-Butane (NC4)     | 2.4860           | 2.48645             | 0.7840 |
| I-Pentane (IC5)    | 0.5890           | 0.58917             | 0.2150 |
| N-Pentane (NC5)    | 0.7440           | 0.74414             | 0.2700 |
| Hexanes Plus (C6+) | 1.5820           | 1.58249             | 0.6860 |
| TOTAL              | 100.0000         | 100.0000            | 8.1870 |

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

## Analyzer Information

Device Type: Device Make:  
 Device Model: Last Cal Date:

## Gross Heating Values (Real, BTU/ft³)

|                        |           |                       |           |
|------------------------|-----------|-----------------------|-----------|
| 14.696 PSI @ 60.00 Å°F |           | 14.73 PSI @ 60.00 Å°F |           |
| Dry                    | Saturated | Dry                   | Saturated |
| 1,405.2                | 1,382.2   | 1,408.5               | 1,385.4   |

## Calculated Total Sample Properties

GPA2145-16 \*Calculated at Contract Conditions

|                       |                        |
|-----------------------|------------------------|
| Relative Density Real | Relative Density Ideal |
| 0.8249                | 0.8213                 |
| Molecular Weight      |                        |
| 23.7874               |                        |

## C6+ Group Properties

Assumed Composition

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

Field H2S  
0 PPM

## PROTREND STATUS:

Passed By Validator on Aug 6, 2021

## DATA SOURCE:

Imported

## PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

## VALIDATOR:

Dustin Armstrong

## VALIDATOR COMMENTS:

OK

**\*Preliminary Production Data\***

| Wellname            | ProductionDate | Gas Flare |
|---------------------|----------------|-----------|
| Gouda Fed Com #604H | 8/3/2021       | 2996      |
| Gouda Fed Com #604H | 8/4/2021       | 2126      |
| Gouda Fed Com #604H | 8/5/2021       | 2842      |
| Gouda Fed Com #604H | 8/6/2021       | 2282      |
| Gouda Fed Com #604H | 8/7/2021       | 1432      |
| Gouda Fed Com #604H | 8/8/2021       | 1511      |
| Gouda Fed Com #604H | 8/9/2021       | 1230      |
| Gouda Fed Com #604H | 8/10/2021      | 0         |
| Gouda Fed Com #604H | 8/11/2021      | 0         |

**District I**

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**District II**

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**District III**

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**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 41620

**QUESTIONS**

|                                                                                                      |                                                                                                       |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Operator:<br>CENTENNIAL RESOURCE PRODUCTION, LLC<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 | OGRID:<br>372165<br>Action Number:<br>41620<br>Action Type:<br>[C-129] Venting and/or Flaring (C-129) |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|

**QUESTIONS****Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

|                                                                                                                                                                                                                                                                                          |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Was or is this venting or flaring caused by an emergency or malfunction                                                                                                                                                                                                                  | Yes                                           |
| Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event                                                                                                                                                                  | Yes                                           |
| Is this considered a submission for a notification of a major venting or flaring                                                                                                                                                                                                         | Yes, major venting or flaring of natural gas. |
| The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.1.2.97 NMAC                                                                                                |                                               |
| Was there or will there be at least 50 MCF of natural gas vented or flared during this event                                                                                                                                                                                             | Yes                                           |
| Did this venting or flaring result in the release of ANY 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                                            |

**Unregistered Facility Site**

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

|                       |               |
|-----------------------|---------------|
| Facility or Site Name | Not answered. |
| Facility Type         | Not answered. |

**Equipment Involved**

|                                                           |                        |
|-----------------------------------------------------------|------------------------|
| Primary Equipment Involved                                | Gas Compressor Station |
| Additional details for Equipment Involved. Please specify | Not answered.          |

**Representative Compositional Analysis of Vented or Flared Natural Gas**

Please provide the mole percent for the percentage questions in this group.

|                                                                                                                               |               |
|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| Methane (CH4) percentage                                                                                                      | 70            |
| 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             |
| If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas. |               |
| 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. |

**Date(s) and Time(s)**

|                                                                                     |               |
|-------------------------------------------------------------------------------------|---------------|
| Date venting or flaring was discovered or commenced                                 | 08/03/2021    |
| Time venting or flaring was discovered or commenced                                 | 12:00 AM      |
| Is the venting or flaring event complete                                            | No            |
| Date venting or flaring was terminated                                              | Not answered. |
| Time venting or flaring was terminated                                              | Not answered. |
| Total duration of venting or flaring in hours, if venting or flaring has terminated | Not answered. |
| Longest duration of cumulative hours within any 24-hour period 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: Midstream Emergency Maintenance   Gas Compressor Station   Natural Gas Flared   Spilled: 2,996 Mcf   Recovered: 0 Mcf   Lost: 2,996 Mcf ] |
| Other Released Details                                                 | Not answered.                                                                                                                                    |
| Additional details for Measured or Estimated Volume(s). Please specify | Not answered.                                                                                                                                    |
| Is this a gas only submission (i.e. only Mcf values reported)          | Yes, according to supplied volumes this appears to be a "gas only" report.                                                                       |

**Venting or Flaring Resulting from Downstream Activity**

|                                                                        |            |
|------------------------------------------------------------------------|------------|
| Was or is this venting or flaring a result of downstream activity      | Yes        |
| Date notified of downstream activity requiring this venting or flaring | 08/02/2021 |
| Time notified of downstream activity requiring this venting or flaring | 07:00 AM   |

**Steps and Actions to Prevent Waste**

|                                                                                                                                |                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control. | True                                                                                                                   |
| Please explain reason for why this event was beyond your operator's control                                                    | Issue is downstream from our CDP meter.                                                                                |
| Steps taken to limit the duration and magnitude of venting or flaring                                                          | Contacted Lucid.                                                                                                       |
| Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring                                         | Lucid will set more compression to handle our volumes and eliminate flaring. This well is still in initial production. |

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CONDITIONS  
  
Action 41620

CONDITIONS

|                                                                                                      |                                                        |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>CENTENNIAL RESOURCE PRODUCTION, LLC<br>1001 17th Street, Suite 1800<br>Denver, CO 80202 | OGRID:<br>372165                                       |
|                                                                                                      | Action Number:<br>41620                                |
|                                                                                                      | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created By | Condition                                                                                                                                                                            | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| system     | If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event. | 8/12/2021      |