

## Monthly Meter Analysis

July 2021

Targa Pipeline Company

Meter #: 1181223  
Name: Quail 16 State #4H

## Sample

Date: 07/21/2021

Type:

Pressure: 33.0 H<sub>2</sub>O:Temperature: H<sub>2</sub>S: 0 ppm

| Component                          | Mole %   | Liquid Content | Mass %   |
|------------------------------------|----------|----------------|----------|
| Carbon Dioxide, CO <sub>2</sub>    | 0.2386   |                | 0.4490   |
| Nitrogen, N <sub>2</sub>           | 2.2998   |                | 2.7550   |
| Methane, C <sub>1</sub>            | 71.0142  |                | 48.7170  |
| Ethane, C <sub>2</sub>             | 12.8108  | 3.4216         | 16.4724  |
| Propane, C <sub>3</sub>            | 8.0911   | 2.2262         | 15.2569  |
| Isobutane, iC <sub>4</sub>         | 0.8624   | 0.2818         | 2.1434   |
| n-Butane, nC <sub>4</sub>          | 2.3437   | 0.7379         | 5.8251   |
| Isopentane, iC <sub>5</sub>        | 0.5589   | 0.2041         | 1.7244   |
| n-Pentane, nC <sub>5</sub>         | 0.6360   | 0.2302         | 1.9622   |
| Hexanes Plus, C <sub>6</sub> +     | 1.1445   | 0.5100         | 4.6946   |
| Argon, Ar                          |          |                |          |
| Carbon Monoxide, CO                |          |                |          |
| Hydrogen, H <sub>2</sub>           |          |                |          |
| Oxygen, O <sub>2</sub>             |          |                |          |
| Helium, He                         |          |                |          |
| Water, H <sub>2</sub> O            |          |                |          |
| Hydrogen Sulfide, H <sub>2</sub> S | 0.0000   |                | 0.0000   |
| Totals                             | 100.0000 | 7.6118         | 100.0000 |

| Property               | Total Sample |
|------------------------|--------------|
| Pressure Base          | 14.650       |
| Temperature Base       | 60.00        |
| Relative Density       | 0.8106       |
| HV, Dry @ Base P,T     | 1361.97      |
| HV, Sat @ Base P, T    | 1338.14      |
| HV, Sat @ Sample P, T  |              |
| Cricodentherm          |              |
| HCDP @ Sample Pressure |              |
| Full Wellstream        |              |
| Free Water             |              |
| Condensate             |              |
| 26 # RVP Gasoline      | 1.456        |
| Testcar Permian        |              |
| Testcar Panhandle      |              |
| Testcar Midcon         |              |

\*\*\* End of Report \*\*\*

**Daily Battery Production Totals**  
**Fasken Oil and Ranch, LTD.**

Printed 12/1/2021

Page 1

**September 2021****October 2021****November 2021**

| Date  | Oil   | Gas    | Water | Date  | Oil   | Gas    | Water | Date  | Oil   | Gas   | Water |
|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 9/3   | 124.8 | 418.0  | 230.0 | 10/1  | 154.5 | 402.0  | 288.8 | 11/1  | 36.3  | 91.0  | 36.3  |
| 9/4   | 122.2 | 393.0  | 227.4 | 10/2  | 153.3 | 413.0  | 288.3 | 11/2  | 36.3  | 100.0 | 50.6  |
| 9/5   | 124.8 | 391.0  | 242.2 | 10/3  | 147.4 | 407.0  | 272.5 | 11/3  | 26.6  | 98.0  | 41.9  |
| 9/6   | 156.2 | 410.0  | 272.1 | 10/4  | 150.8 | 406.0  | 288.7 | 11/4  | 33.5  | 96.0  | 58.0  |
| 9/7   | 153.0 | 421.0  | 263.4 | 10/5  | 153.5 | 391.0  | 281.3 | 11/5  | 30.7  | 93.0  | 50.2  |
| 9/8   | 152.9 | 417.0  | 268.1 | 10/6  | 152.0 | 415.0  | 238.9 | 11/6  | 28.5  | 93.0  | 52.4  |
| 9/9   | 151.9 | 415.0  | 296.9 | 10/7  | 149.2 | 475.0  | 311.3 | 11/7  | 27.9  | 95.0  | 39.1  |
| 9/10  | 132.8 | 423.0  | 232.1 | 10/8  | 130.6 | 420.0  | 261.6 | 11/8  | 36.3  | 98.0  | 33.5  |
| 9/11  | 136.7 | 397.0  | 208.9 | 10/9  | 150.8 | 413.0  | 276.8 | 11/9  | 27.9  | 87.0  | 37.1  |
| 9/12  | 153.4 | 390.0  | 249.7 | 10/10 | 150.3 | 423.0  | 275.8 | 11/10 | 25.1  | 62.0  | 44.6  |
| 9/13  | 160.5 | 374.0  | 291.3 | 10/11 | 129.8 | 409.0  | 259.5 | 11/11 | 35.3  | 61.0  | 95.6  |
| 9/14  | 125.4 | 409.0  | 207.1 | 10/12 | 140.1 | 381.0  | 244.7 | 11/12 | 201.9 | 141.0 | 452.4 |
| 9/15  | 178.1 | 380.0  | 233.2 | 10/13 | 142.8 | 423.0  | 247.4 | 11/13 | 279.8 | 684.0 | 452.5 |
| 9/16  | 121.6 | 325.0  | 217.1 | 10/14 | 193.4 | 439.0  | 301.3 | 11/14 | 203.1 | 603.0 | 417.2 |
| 9/17  | 130.8 | 322.0  | 202.4 | 10/15 | 160.9 | 449.0  | 320.4 | 11/15 | 148.5 | 418.0 | 356.2 |
| 9/18  | 107.8 | 387.0  | 215.8 | 10/16 | 160.2 | 466.0  | 326.5 | 11/16 | 133.4 | 366.0 | 347.9 |
| 9/19  | 108.8 | 360.0  | 211.5 | 10/17 | 159.0 | 420.0  | 351.7 | 11/17 | 179.5 | 377.0 | 359.6 |
| 9/20  | 150.7 | 385.0  | 252.1 | 10/18 | 156.2 | 439.0  | 281.9 | 11/18 | 193.5 | 196.0 | 378.2 |
| 9/21  | 137.4 | 391.0  | 244.4 | 10/19 | 147.8 | 425.0  | 260.2 | 11/19 | 175.8 | 226.0 | 371.7 |
| 9/22  | 139.9 | 378.0  | 252.9 | 10/20 | 141.6 | 410.0  | 283.5 | 11/20 | 155.3 | 345.0 | 337.0 |
| 9/23  | 133.2 | 347.0  | 238.2 | 10/21 | 160.1 | 435.0  | 291.7 | 11/21 | 184.5 | 412.0 | 444.9 |
| 9/24  | 163.5 | 378.0  | 258.3 | 10/22 | 151.1 | 442.0  | 302.4 | 11/22 | 162.7 | 356.0 | 345.2 |
| 9/25  | 139.9 | 423.0  | 244.3 | 10/23 | 153.5 | 418.0  | 294.2 | 11/23 | 204.4 | 407.0 | 403.6 |
| 9/26  | 150.7 | 391.0  | 258.5 | 10/24 | 152.7 | 435.0  | 289.5 | 11/24 | 121.0 | 343.0 | 337.7 |
| 9/27  | 156.5 | 389.0  | 304.9 | 10/25 | 147.5 | 419.0  | 280.9 | 11/25 | 168.7 | 392.0 | 358.3 |
| 9/28  | 115.6 | 405.0  | 209.8 | 10/26 | 109.9 | 409.0  | 293.9 | 11/26 | 171.0 | 416.0 | 353.5 |
| 9/29  | 144.6 | 398.0  | 233.6 | 10/27 | 33.5  | 129.0  | 531.8 | 11/27 | 165.6 | 345.0 | 417.4 |
| 9/30  | 159.0 | 378.0  | 262.5 | 10/28 | 30.7  | 108.0  | 163.2 | 11/28 | 159.0 | 370.0 | 353.8 |
| Total | 3,933 | 10,895 | 6,828 | 10/29 | 131.1 | 105.0  | 41.9  | 11/29 | 197.0 | 391.0 | 411.4 |
| Avg.  | 140   | 389    | 244   | 10/30 | 27.9  | 102.0  | 39.9  | 11/30 | 100.4 | 360.0 | 344.5 |
|       |       |        |       | 10/31 | 2.7   | 91.0   | 50.2  | Total | 3,649 | 8,122 | 7,782 |
|       |       |        |       | Total | 4,125 | 11,519 | 8,241 | Avg.  | 122   | 271   | 259   |
|       |       |        |       | Avg.  | 133   | 372    | 266   |       |       |       |       |

**Fasken Oil and Ranch, LTD. - 90**  
**Days**  
**Total**  
**Avg.**

**Daily Battery Production Totals**  
**Fasken Oil and Ranch, LTD.**

Printed 12/1/2021

Page 2

---

Report Based On:

Date Range: 9/3/2021 through 12/1/2021

Batteries selected based on the following Report Menu selections:

Battery = Quail State. Wells = Quail 16 State # 1, Quail 16 State # 2, Quail 16 State # 3H, Quail 16 State # 4H, Quail 16 State # 7H, Quail 16 State # 8H.

Daily Production is the daily sum of the daily gross battery production.

**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 64557

**QUESTIONS**

|                                                                               |                |                                        |
|-------------------------------------------------------------------------------|----------------|----------------------------------------|
| Operator:<br>FASKEN OIL & RANCH LTD<br>6101 Holiday Hill<br>Midland, TX 79707 | OGRID:         | 151416                                 |
|                                                                               | Action Number: | 64557                                  |
|                                                                               | Action Type:   | [C-129] Venting and/or Flaring (C-129) |

**QUESTIONS**

|                                                                                                                                                                    |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Prerequisites</b>                                                                                                                                               |                                     |
| Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions. |                                     |
| Incident Well                                                                                                                                                      | [30-025-40531] QUAIL 16 STATE #004H |
| Incident Facility                                                                                                                                                  | Not answered.                       |

|                                                                                                                                                                                                                                                                                              |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Determination of Reporting Requirements</b>                                                                                                                                                                                                                                               |                                                   |
| 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 and/or flaring caused by an emergency or malfunction                                                                                                                                                                                                                  | No                                                |
| Did or will this venting and/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 venting and/or flaring event                                                                                                                                                                                                                           | Yes, minor venting and/or flaring of natural gas. |
| 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.                                                                                              |                                                   |
| Was there or will there be at least 50 MCF of natural gas vented and/or flared during this event                                                                                                                                                                                             | Yes                                               |
| Did this venting and/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                                                |
| Was the venting and/or flaring within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence                                                                                                      | No                                                |

|                                                           |               |
|-----------------------------------------------------------|---------------|
| <b>Equipment Involved</b>                                 |               |
| Primary Equipment Involved                                | Not answered. |
| Additional details for Equipment Involved. Please specify | Not answered. |

|                                                                                                                               |               |
|-------------------------------------------------------------------------------------------------------------------------------|---------------|
| <b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>                                                  |               |
| Please provide the mole percent for the percentage questions in this group.                                                   |               |
| Methane (CH4) percentage                                                                                                      | 71            |
| Nitrogen (N2) percentage, if greater than one percent                                                                         | 2             |
| 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. |

|                                                         |            |
|---------------------------------------------------------|------------|
| <b>Date(s) and Time(s)</b>                              |            |
| Date venting and/or flaring was discovered or commenced | 11/18/2021 |
| Time venting and/or flaring was discovered or commenced | 01:11 PM   |
| Time venting and/or flaring was terminated              | 11:11 PM   |
| Cumulative hours during this event                      | 23         |

|                                                                     |               |
|---------------------------------------------------------------------|---------------|
| <b>Measured or Estimated Volume of Vented or Flared Natural Gas</b> |               |
| Natural Gas Vented (Mcf) Details                                    | Not answered. |

|                                                                           |                                                                                                        |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Natural Gas Flared (Mcf) Details                                          | Cause: Other   Tank ( Any)   Natural Gas Flared   Released: 92 Mcf   Recovered: 0 Mcf   Lost: 92 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 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 or is this venting and/or flaring a result of downstream activity      | Yes                                  |
| Was notification of downstream activity received by you or your operator   | Yes                                  |
| Downstream OGRID that should have notified you or your operator            | [24650] TARGA MIDSTREAM SERVICES LLC |
| Date notified of downstream activity requiring this venting and/or flaring | 11/17/2021                           |
| Time notified of downstream activity requiring this venting and/or flaring | 01:11 PM                             |

**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                                                    | high line level              |
| Steps taken to limit the duration and magnitude of venting and/or flaring                                                      | assist Targa                 |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | repair line from tank to VRU |

**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**

CONDITIONS

Action 64557

## CONDITIONS

|                                                                               |                                                        |
|-------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>FASKEN OIL & RANCH LTD<br>6101 Holiday Hill<br>Midland, TX 79707 | OGRID:<br>151416                                       |
|                                                                               | Action Number:<br>64557                                |
|                                                                               | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

## CONDITIONS

| Created By | Condition                                                                                                                                                                          | Condition Date |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| vvasquez   | 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. | 12/1/2021      |