

## Component Analysis Detail Report

6/8/2017

## West Texas Gas

West Texas Gas  
211 N. Colorado St  
Midland, Texas 79701

|                     |        |                      |                    |
|---------------------|--------|----------------------|--------------------|
| <b>Analysis ID:</b> | 11801  | <b>Alternate ID:</b> | Use Contract Value |
| <b>Name</b>         | 11801  | <b>Company Name:</b> | West Texas Gas     |
| <b>Alt Name</b>     | Denton | <b>Stream Type:</b>  | Gas                |

|                         |                  |                              |                  |
|-------------------------|------------------|------------------------------|------------------|
| <b>Sample ID:</b>       |                  | <b>Analyzed Date:</b>        | 12/22/2016 12:00 |
| <b>Sample Date:</b>     | 12/21/2016 12:00 | <b>Analyzer Operator:</b>    |                  |
| <b>Sample Date End:</b> |                  | <b>Analysis Type:</b>        |                  |
| <b>Effective Date:</b>  | 12/01/2016 12:00 | <b>Comp Analysis Type:</b>   |                  |
| <b>Valid Thru Date:</b> |                  | <b>Sample Pressure Base:</b> | 14.650           |
| <b>Received Date:</b>   |                  | <b>Sample Temp Base:</b>     | 60               |
| <b>Data Source:</b>     | Lab Analysis     | <b>Sample Pressure:</b>      | 14.0             |
|                         |                  | <b>Sample Temperature:</b>   | 70.0             |
|                         |                  | <b>Received Pressure:</b>    |                  |
|                         |                  | <b>Received Temperature:</b> |                  |

| Component    | % Mol           | % Mass        | % Vol         |
|--------------|-----------------|---------------|---------------|
| Hydrogen     | 0.0000          |               |               |
| Helium       | 0.0000          |               |               |
| Nitrogen     | 3.1080          |               |               |
| CO2          | 6.6030          |               |               |
| H2S          | 1.9000          |               |               |
| Methane      | 54.7770         |               |               |
| Ethane       | 8.3450          |               |               |
| Propane      | 9.7960          |               |               |
| I Butane     | 1.9460          |               |               |
| N Butane     | 5.7650          |               |               |
| I Pentane    | 1.7550          |               |               |
| N Pentane    | 2.0490          |               |               |
| Hexanes      | 3.9560          |               |               |
| Heptane      | 0.0000          |               |               |
| Octane       | 0.0000          |               |               |
| Nonane       | 0.0000          |               |               |
| Decane       | 0.0000          |               |               |
| H2O          | 0.0000          |               |               |
| <b>Total</b> | <b>100.0000</b> | <b>0.0000</b> | <b>0.0000</b> |

## Properties:

|                                         |        |
|-----------------------------------------|--------|
| <b>Ext Components Relative Density:</b> |        |
| <b>Ext Components Molar Weight:</b>     |        |
| <b>Ext Components Liq/Gas Conv:</b>     | 0      |
| <b>Ext Components Liq/Mass Conv:</b>    |        |
| <b>Liquid Density:</b>                  |        |
| <b>H2S On-Site:</b>                     |        |
| <b>H2S In-Lab:</b>                      |        |
| <b>Gas Equivalent Factor:</b>           | 0      |
| <b>Saturated HV:</b>                    | 1545.9 |
| <b>As Del. HV:</b>                      |        |
| <b>Dry HV:</b>                          | 1573.3 |
| <b>Measured HV:</b>                     |        |
| <b>Water Content:</b>                   | 0.0    |
| <b>Gravity:</b>                         | 1.069  |
| <b>API Gravity:</b>                     |        |

**From:** Samantha Rodriguez [mailto:samanthar@forl.com]  
**Sent:** Thursday, June 08, 2017 2:50 PM  
**To:** Austin Hawk  
**Subject:** RE: Gas Analysis-Denton

o you have anything more official, and with a date? Some other places refer to it as a Monthly Meter Analysis.

Thank you,

## Daily Battery Production Totals

Printed 12/3/2021

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## Fasken Oil and Ranch, LTD.

## October 2021

## November 2021

## December 2021

| Date  | Oil   | Gas   | Water   | Date  | Oil   | Gas   | Water   | Date                                                  | Oil   | Gas  | Water   |
|-------|-------|-------|---------|-------|-------|-------|---------|-------------------------------------------------------|-------|------|---------|
| 10/1  | 288.8 | 339.0 | 8,602.5 | 11/1  | 231.0 | 322.0 | 7,734.5 | 12/1                                                  | 253.0 | 72.0 | 8,202.0 |
| 10/2  | 213.0 | 287.0 | 7,362.8 | 11/2  | 247.8 | 335.0 | 7,882.9 | 12/2                                                  | 258.5 | 0.0  | 7,974.6 |
| 10/3  | 251.0 | 300.0 | 7,732.3 | 11/3  | 259.5 | 342.0 | 7,821.2 | Total                                                 | 512   | 72   | 16,177  |
| 10/4  | 225.3 | 290.0 | 7,236.5 | 11/4  | 263.0 | 339.0 | 7,675.1 | Avg.                                                  | 256   | 36   | 8,088   |
| 10/5  | 245.3 | 289.0 | 7,290.4 | 11/5  | 258.5 | 345.0 | 8,088.4 | Fasken Oil and Ranch, LTD. - 64 Days<br>Total<br>Avg. |       |      |         |
| 10/6  | 195.0 | 219.0 | 6,131.9 | 11/6  | 264.8 | 369.0 | 8,154.6 |                                                       |       |      |         |
| 10/7  | 178.8 | 213.0 | 6,021.5 | 11/7  | 253.8 | 362.0 | 8,046.2 |                                                       |       |      |         |
| 10/8  | 176.5 | 221.0 | 6,043.4 | 11/8  | 248.8 | 340.0 | 7,751.2 |                                                       |       |      |         |
| 10/9  | 214.8 | 265.0 | 7,456.3 | 11/9  | 295.0 | 381.0 | 8,556.4 |                                                       |       |      |         |
| 10/10 | 217.8 | 250.0 | 7,477.0 | 11/10 | 257.5 | 370.0 | 8,440.4 |                                                       |       |      |         |
| 10/11 | 201.3 | 245.0 | 7,361.7 | 11/11 | 106.5 | 129.0 | 3,970.7 |                                                       |       |      |         |
| 10/12 | 197.3 | 250.0 | 7,073.6 | 11/12 | 197.8 | 237.0 | 8,437.0 |                                                       |       |      |         |
| 10/13 | 162.3 | 238.0 | 6,380.7 | 11/13 | 235.8 | 287.0 | 8,291.0 |                                                       |       |      |         |
| 10/14 | 200.8 | 267.0 | 6,937.2 | 11/14 | 236.8 | 291.0 | 7,611.5 |                                                       |       |      |         |
| 10/15 | 205.5 | 304.0 | 7,176.6 | 11/15 | 229.8 | 327.0 | 8,117.4 |                                                       |       |      |         |
| 10/16 | 233.5 | 287.0 | 7,214.6 | 11/16 | 239.5 | 303.0 | 7,794.7 |                                                       |       |      |         |
| 10/17 | 237.0 | 291.0 | 7,885.2 | 11/17 | 244.8 | 255.0 | 7,576.8 |                                                       |       |      |         |
| 10/18 | 208.5 | 286.0 | 7,658.4 | 11/18 | 258.8 | 344.0 | 7,890.1 |                                                       |       |      |         |
| 10/19 | 237.0 | 288.0 | 7,562.3 | 11/19 | 255.0 | 333.0 | 7,688.3 |                                                       |       |      |         |
| 10/20 | 270.8 | 287.0 | 7,854.9 | 11/20 | 263.5 | 368.0 | 8,211.0 |                                                       |       |      |         |
| 10/21 | 268.0 | 325.0 | 8,031.2 | 11/21 | 262.5 | 341.0 | 7,813.4 |                                                       |       |      |         |
| 10/22 | 256.3 | 333.0 | 7,947.3 | 11/22 | 263.3 | 353.0 | 7,954.8 |                                                       |       |      |         |
| 10/23 | 245.5 | 326.0 | 7,672.6 | 11/23 | 265.3 | 341.0 | 8,154.6 |                                                       |       |      |         |
| 10/24 | 246.8 | 328.0 | 7,753.6 | 11/24 | 266.8 | 379.0 | 7,674.1 |                                                       |       |      |         |
| 10/25 | 252.8 | 335.0 | 7,684.6 | 11/25 | 277.3 | 394.0 | 8,843.3 |                                                       |       |      |         |
| 10/26 | 241.0 | 321.0 | 7,741.2 | 11/26 | 283.5 | 374.0 | 8,598.8 |                                                       |       |      |         |
| 10/27 | 251.0 | 333.0 | 7,878.4 | 11/27 | 248.3 | 335.0 | 8,011.2 |                                                       |       |      |         |
| 10/28 | 239.8 | 316.0 | 7,643.3 | 11/28 | 271.8 | 337.0 | 8,055.0 |                                                       |       |      |         |
| 10/29 | 234.3 | 319.0 | 7,606.8 | 11/29 | 255.3 | 349.0 | 8,159.5 |                                                       |       |      |         |
| 10/30 | 292.0 | 388.0 | 9,729.6 | 11/30 | 246.0 | 342.0 | 7,554.0 |                                                       |       |      |         |
| 10/31 | 242.8 | 337.0 | 8,164.9 | Total | 7,487 | 9,924 | 236,558 |                                                       |       |      |         |
| Total | 7,130 | 9,077 | 232,314 | Avg.  | 250   | 331   | 7,885   |                                                       |       |      |         |
| Avg.  | 230   | 293   | 7,494   |       |       |       |         |                                                       |       |      |         |

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

**Printed 12/3/2021**

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Report Based On:

Date Range: 10/1/2021 through 12/3/2021

Batteries selected based on the following Report Menu selections:

Lease = Denton. Battery = Denton.

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 64829

**QUESTIONS**

|                                                                               |                                                        |
|-------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>FASKEN OIL & RANCH LTD<br>6101 Holiday Hill<br>Midland, TX 79707 | OGRID:<br>151416                                       |
|                                                                               | Action Number:<br>64829                                |
|                                                                               | Action Type:<br>[C-129] Venting and/or Flaring (C-129) |

**QUESTIONS****Prerequisites**

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     | [30-025-05289] DENTON #002 |
| Incident Facility | Not answered.              |

**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 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, answer to "eight hours or more" suggests this is at least a minor event. |
| 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                                                                                                                                                                                             | No                                                                            |
| 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                                                                            |

**Equipment Involved**

|                                                           |               |
|-----------------------------------------------------------|---------------|
| Primary Equipment Involved                                | Not answered. |
| 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                                     | 55 |
| Nitrogen (N2) percentage, if greater than one percent        | 3  |
| Hydrogen Sulfide (H2S) PPM, rounded up                       | 2  |
| Carbon Dioxide (CO2) percentage, if greater than one percent | 7  |
| 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 and/or flaring was discovered or commenced | 12/01/2021 |
| Time venting and/or flaring was discovered or commenced | 06:00 AM   |
| Time venting and/or flaring 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: Midstream Scheduled Maintenance   Tank ( Any )   Natural Gas Flared   Released: 25 Mcf   Recovered: 0 Mcf   Lost: 25 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            | [24789] WEST TEXAS GAS, INC. |
| Date notified of downstream activity requiring this venting and/or flaring | 11/30/2021                   |
| Time notified of downstream activity requiring this venting and/or flaring | 05:41 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                                                    | maintenance needed   |
| Steps taken to limit the duration and magnitude of venting and/or flaring                                                      | assist WTG           |
| Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring                                     | Assist WTG as needed |

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CONDITIONS  
  
Action 64829

CONDITIONS

|                                                                               |                                                        |
|-------------------------------------------------------------------------------|--------------------------------------------------------|
| Operator:<br>FASKEN OIL & RANCH LTD<br>6101 Holiday Hill<br>Midland, TX 79707 | OGRID:<br>151416                                       |
|                                                                               | Action Number:<br>64829                                |
|                                                                               | 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. | 12/3/2021      |