Well Done FOUNDATION

# Pre Plugging Test Report

VENTBUSTER INSTRUMENTS

**Start Date:** March 30, 2023
**End Date:** March 30, 2023
**Device:** VB100
**Well Licensee:** EMNRD - OCD
**Well Name:** O'Brien Fee 19 #006
**UWI:** 30-005-60804
**Well License Number:** 30-005-60804
**Surface Location:** State of NM
**Bottom Hole Location:** Unknown

**Test Operator:** Sean O. Jacobson
**Authorized By:** State of NM
**Test Reason:** IIJA Pre Plugging
**Scope Of Work:** 12 Hour Minimum
**AFE Number:** 52100-0000072995
**GPS:** 33.604668,-104.0232086
**Notes:** GTG

**Report Prepared By:** CES March 30, 2023

## Orphan Well Flow Test

| Average Flowrate | Average Flow Temperature | Average Flow Pressure | Flow Duration | Methane Concentration | Methane Emissions |
|---|---|---|---|---|---|
| **0.61** | **15.9** | **1.4** | **12.0** | **91,741.25** | **1.67** |
| m3/d | °C | kPag | hours | PPM | g/hour |

## Methane Calculations

- [1] Methane Calculation: 717 grams CH4 per cubic meter (717 x 0.6088 m3/day = 436.51 g/day total /24 = 18.19 g/hour x 0.091741 (methane concentration) = **1.67 g/hour CH4**). **Methane, gas** weighs 0.000717 *gram per cubic centimeter* or 0.717 *kilogram per cubic meter*, i.e. density of *methane, gas* is equal to 0.717 kg/m$^3$; at 0°C (32°F or 273.15K) at standard atmospheric pressure. In Imperial or US customary measurement system, the density is equal to 0.044 *pound per cubic foot* [lb/ft$^3$].

## O' Brien Field Methane Emission Averaging Analysis

**O'Brien Orphan Well CH4 Averaging - Applied to the 10 Wells Outside Sample Set - CES**

Prepared: 3.30.3023

| Well Name | Well # | API # | County | Purchase Order | Gas Sample | CH4/PPM | Total LELs/PPM | CH4 Flow @ m3/day | Methane Emission @ g/hour | Post Plug CH4 |
|---|---|---|---|---|---|---|---|---|---|---|
| O'Brien Deming 13 | 1 | 30-005-60922 | Chaves | 52100-72995 | 19-Feb | 1,380 | 8,390 | 0.02 | 0.001 | 0 |
| O'Brien Deming 6 | 1 | 30-005-60634 | Chaves | 52100-72995 | 18-Dec | 0 | 5,800 | 0.000 | 0.000 | 0 |
| O'Brien Deming 6 | 2 | 30-005-60730 | Chaves | 52100-72995 | 18-Dec | 0 | 3,110 | 0.000 | 0.000 | 0 |
| O'Brien Fee 18 | 1 | 30-005-60619 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 18 | 2 | 30-005-60640 | Chaves | 52100-72995 | 21-Feb | 493,430 | 764,050 | 2.400 | 35.378 | 0 |
| O'Brien Fee 18 | 3 | 30-005-60725 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 18 | 4 | 30-005-60902 | Chaves | 52100-72995 | 19-Feb | 0 | 4,100 | 0.000 | 0.000 | 0 |
| O'Brien Fee 18 | 6 | 30-005-61246 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 1 | 30-005-60528 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 2 | 30-005-60565 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 3 | 30-005-60566 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 4 | 30-005-60654 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 5 | 30-005-60716 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 6 | 30-005-60804 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 7 | 30-005-60905 | Chaves | 52100-72995 | 21-Feb | 8,610 | 11,520 | 0.04 | 0.01 | |
| O'Brien Fee 19 | 8 | 30-005-61021 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 24 | 1 | 30-005-60803 | Chaves | 52100-72995 | 19-Feb | 160,400 | 252,660 | 0 | 0 | 0 |
| O'Brien Fee 24 | 2 | 30-005-60923 | Chaves | 52100-72995 | 21-Feb | 8,360 | 8,891 | 0.14 | 0.035 | 0 |
| O'Brien Fee 25 | 5 | 30-005-60655 | Chaves | 52100-72995 | 23-Feb | 44,050 | 133,860 | 0.01 | 0.013 | 0 |
| O' Brien Lightcap 7 | 1 | 30-005-60815 | Chaves | 52100-72998 | 18-Dec | 0 | 3,680 | 0 | 0 | Not Plugged |
| O' Brien Lightcap 7 | 2 | 30-005-60816 | Chaves | 52100-72998 | 19-Dec | 0 | 3,230 | 0 | 0 | |
| O' Brien LLL | 1 | 30-005-62194 | Chaves | 52100-72998 | 20-Dec | 510 | 2,128 | 0 | 0 | 0 |
| O' Brien P | 1 | 30-005-62192 | Chaves | 52100-72998 | 21-Dec | 0 | 9,070 | 0 | 0 | Not Plugged |
| O' Brien P | 2 | 30-005-62247 | Chaves | 52100-72998 | 21-Dec | 141,550 | 202,980 | 0 | 0 | 0 |
| O' Brien P | 3 | 30-005-62267 | Chaves | 52100-72998 | 21-Dec | 609,570 | 709,530 | 7.13 | 129.843 | 0 |
| O' Brien R | 1 | 30-005-62190 | Chaves | 52100-72998 | 20-Dec | 0 | 2,580 | 0 | 0 | 0 |

| Total O'Brien Wells | O'Brien Well Sample Set Applied | % of Total O'Brien Wells Tested | % of Total O'Brien Wells Averaged | Sample Total CH4 PPM | Sample Total Explosive Gas PPM | Sample Total Flow m3/day | Sample Total CH4 Emission g/hour | Total O'Brien CH4 Emission g/hour |
|---|---|---|---|---|---|---|---|---|
| | | | | 1,467,860 | 2,125,579 | 9.7400 | 165.2800 | |
| 26 | 16 | 61.54 | 38.46 | Sample Avg CH4 PPM | Sample Avg Explosive Gas PPM | Sample Average Flow m3/day | Sample Avg CH4 Emission g/hour | 181.960 |
| | | | | *91,741.25* | 132,849 | 0.6088 | 1.6680 | |

- [1] Methane Calculation: 717 grams CH4 per cubic meter (717 x 0.6088 m3/day = 436.51 g/day total /24 = 18.19 g/hour x 0.091741 (methane concentration) = **1.67 g/hour CH4**). **Methane, gas** weighs 0.000717 *gram per cubic centimeter* or 0.717 *kilogram per cubic meter*, i.e. density of *methane, gas* is equal to 0.717 kg/m$^3$; at 0°C (32°F or 273.15K) at standard atmospheric pressure. In Imperial or US customary measurement system, the density is equal to 0.044 *pound per cubic foot* [lb/ft$^3$].

Well Done NEW MEXICO LLC™

333 Main Street Shelby, Montana 59474 / P.O. Box 10640 Bozeman, MT 59179 (406) 460-0903

TO: Jim Griswold, OCD

FROM: Curtis Shuck, WDNM

DATE: March 30, 3023

RE: O'Brien Orphan Well Field Averaging

**MEMORANDUM**

Well Done New Mexico LLC performed an Orphan Well Methane Emission Averaging Analysis on the O'Brien Field in Chaves County, NM that included 26 Orphan Wells in total. Of the total 26 Orphan Wells in the study group, 16 of them (61.54%) were randomly selected for the full Methane Emissions Testing, and the average of the Methane Concentration, in PPM, and the Average of the Methane Flow, in m3/day, was calculated and applied to the 10 Orphan Wells (38.46%) that did not receive the full Methane Emissions Testing.

The results of the O'Brien Field Averaging Analysis are shown below and attached herewith:

**O'Brien Orphan Well CH4 Averaging - Applied to the 10 Wells Outside Sample Set - CES**

Prepared: 3.30.3023

| Well Name | Well # | API # | County | Purchase Order | Gas Sample | CH4/PPM | Total LELs/PPM | CH4 Flow @ m3/day | Methane Emission @ g/hour | Post Plug CH4 |
|---|---|---|---|---|---|---|---|---|---|---|
| O'Brien Deming 13 | 1 | 30-005-60922 | Chaves | 52100-72995 | 19-Feb | 1,380 | 8,390 | 0.02 | 0.001 | 0 |
| O'Brien Deming 6 | 1 | 30-005-60634 | Chaves | 52100-72995 | 18-Dec | 0 | 5,800 | 0.000 | 0.000 | 0 |
| O'Brien Deming 6 | 2 | 30-005-60730 | Chaves | 52100-72995 | 18-Dec | 0 | 3,110 | 0.000 | 0.000 | 0 |
| O'Brien Fee 18 | 1 | 30-005-60619 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 18 | 2 | 30-005-60640 | Chaves | 52100-72995 | 21-Feb | 493,430 | 764,050 | 2.400 | 35.378 | 0 |
| O'Brien Fee 18 | 3 | 30-005-60725 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 18 | 4 | 30-005-60902 | Chaves | 52100-72995 | 19-Feb | 0 | 4,100 | 0.000 | 0.000 | 0 |
| O'Brien Fee 18 | 6 | 30-005-61246 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 1 | 30-005-60528 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 2 | 30-005-60565 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 3 | 30-005-60566 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 4 | 30-005-60654 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 5 | 30-005-60716 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 6 | 30-005-60804 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 7 | 30-005-60905 | Chaves | 52100-72995 | 21-Feb | 8,610 | 11,520 | 0.04 | 0.01 | |
| O'Brien Fee 19 | 8 | 30-005-61021 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 24 | 1 | 30-005-60803 | Chaves | 52100-72995 | 19-Feb | 160,400 | 252,660 | 0 | 0 | 0 |
| O'Brien Fee 24 | 2 | 30-005-60923 | Chaves | 52100-72995 | 21-Feb | 8,360 | 8,891 | 0.14 | 0.035 | 0 |
| O'Brien Fee 25 | 5 | 30-005-60655 | Chaves | 52100-72995 | 23-Feb | 44,050 | 133,860 | 0.01 | 0.013 | 0 |
| O' Brien Lightcap 7 | 1 | 30-005-60815 | Chaves | 52100-72998 | 18-Dec | 0 | 3,680 | 0 | 0 | Not Plugged |
| O' Brien Lightcap 7 | 2 | 30-005-60816 | Chaves | 52100-72998 | 19-Dec | 0 | 3,230 | 0 | 0 | |
| O' Brien LLL | 1 | 30-005-62194 | Chaves | 52100-72998 | 20-Dec | 510 | 2,128 | 0 | 0 | 0 |
| O' Brien P | 1 | 30-005-62192 | Chaves | 52100-72998 | 21-Dec | 0 | 9,070 | 0 | 0 | Not Plugged |
| O' Brien P | 2 | 30-005-62247 | Chaves | 52100-72998 | 21-Dec | 141,550 | 202,980 | 0 | 0 | 0 |
| O' Brien P | 3 | 30-005-62267 | Chaves | 52100-72998 | 21-Dec | 609,570 | 709,530 | 7.13 | 129.843 | 0 |
| O' Brien R | 1 | 30-005-62190 | Chaves | 52100-72998 | 20-Dec | 0 | 2,580 | 0 | 0 | 0 |

| Total O'Brien Wells | O'Brien Well Sample Set Applied | % of Total O'Brien Wells Tested | % of Total O'Brien Wells Averaged | Sample Total CH4 PPM | Sample Total Explosive Gas PPM | Sample Total Flow m3/day | Sample Total CH4 Emission g/hour | Total O'Brien CH4 Emission g/hour |
|---|---|---|---|---|---|---|---|---|
| | | | | 1,467,860 | 2,125,579 | 9.7400 | 165.2800 | |
| 26 | 16 | 61.54 | 38.46 | *91,741.25* | 132,849 | 0.6088 | 1.6680 | 181.960 |

- [1] Methane Calculation: 717 grams CH4 per cubic meter (717 x 0.6088 m3/day = 436.51 g/day total /24 = 18.19 g/hour x 0.091741 (methane concentration) = **1.67 g/hour CH4**). **Methane, gas** weighs 0.000717 *gram per cubic centimeter* or 0.717 *kilogram per cubic meter*, i.e. density of *methane, gas* is equal to 0.717 kg/m$^3$; at 0°C (32°F or 273.15K) at standard atmospheric pressure. In Imperial or US customary measurement system, the density is equal to 0.044 *pound per cubic foot* [lb/ft$^3$].

Well Name: O'Brien Wells – Field Averaging Applied to the 10 Wells Outside Sample Set

Well Number: 26 Total

Wells Sampled: 16 Total

- [1] Methane Calculation: 717 grams CH4 per cubic meter (717 x 0.6088 m3/day = 436.51 g/day total /24 = 18.19 g/hour x 0.091741 (methane concentration) = **1.67 g/hour CH4**). **Methane, gas** weighs 0.000717 *gram per cubic centimeter* or 0.717 *kilogram per cubic meter*, i.e. density of *methane, gas* is equal to 0.717 kg/m$^3$; at 0°C (32°F or 273.15K) at standard atmospheric pressure. In Imperial or US customary measurement system, the density is equal to 0.044 *pound per cubic foot* [lb/ft$^3$].

Released to Imaging: 4/21/2023 1:44:37 PM

Received by OCD: 4/21/2023 1:37:51 PM

# O'Brien Orphan Well CH4 Averaging - Applied to the 10 Wells Outside Sample Set - CES

Prepared: 3.30.3023

| Well Name | Well # | API # | County | Purchase Order | Gas Sample | CH4/PPM | Total LELs/PPM | CH4 Flow @ m3/day | Methane Emission @ g/hour | Post Plug CH4 |
|---|---|---|---|---|---|---|---|---|---|---|
| O'Brien Deming 13 | 1 | 30-005-60922 | Chaves | 52100-72995 | 19-Feb | 1,380 | 8,390 | 0.02 | 0.001 | 0 |
| O'Brien Deming 6 | 1 | 30-005-60634 | Chaves | 52100-72995 | 18-Dec | 0 | 5,800 | 0.000 | 0.000 | 0 |
| O'Brien Deming 6 | 2 | 30-005-60730 | Chaves | 52100-72995 | 18-Dec | 0 | 3,110 | 0.000 | 0.000 | 0 |
| O'Brien Fee 18 | 1 | 30-005-60619 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 18 | 2 | 30-005-60640 | Chaves | 52100-72995 | 21-Feb | 493,430 | 764,050 | 2.400 | 35.378 | 0 |
| O'Brien Fee 18 | 3 | 30-005-60725 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 18 | 4 | 30-005-60902 | Chaves | 52100-72995 | 19-Feb | 0 | 4,100 | 0.000 | 0.000 | 0 |
| O'Brien Fee 18 | 6 | 30-005-61246 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 1 | 30-005-60528 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 2 | 30-005-60565 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 3 | 30-005-60566 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 4 | 30-005-60654 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 5 | 30-005-60716 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 6 | 30-005-60804 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 19 | 7 | 30-005-60905 | Chaves | 52100-72995 | 21-Feb | 8,610 | 11,520 | 0.04 | 0.01 | |
| O'Brien Fee 19 | 8 | 30-005-61021 | Chaves | 52100-72995 | | *91,741.25* | 132,849 | *0.6088* | *1.668* | 0 |
| O'Brien Fee 24 | 1 | 30-005-60803 | Chaves | 52100-72995 | 19-Feb | 160,400 | 252,660 | 0 | 0 | 0 |
| O'Brien Fee 24 | 2 | 30-005-60923 | Chaves | 52100-72995 | 21-Feb | 8,360 | 8,891 | 0.14 | 0.035 | 0 |
| O'Brien Fee 25 | 5 | 30-005-60655 | Chaves | 52100-72995 | 23-Feb | 44,050 | 133,860 | 0.01 | 0.013 | 0 |
| O' Brien Lightcap 7 | 1 | 30-005-60815 | Chaves | 52100-72998 | 18-Dec | 0 | 3,680 | 0 | 0 | Not Plugged |
| O' Brien Lightcap 7 | 2 | 30-005-60816 | Chaves | 52100-72998 | 19-Dec | 0 | 3,230 | 0 | 0 | |
| O' Brien LLL | 1 | 30-005-62194 | Chaves | 52100-72998 | 20-Dec | 510 | 2,128 | 0 | 0 | 0 |
| O' Brien P | 1 | 30-005-62192 | Chaves | 52100-72998 | 21-Dec | 0 | 9,070 | 0 | 0 | Not Plugged |
| O' Brien P | 2 | 30-005-62247 | Chaves | 52100-72998 | 21-Dec | 141,550 | 202,980 | 0 | 0 | 0 |
| O' Brien P | 3 | 30-005-62267 | Chaves | 52100-72998 | 21-Dec | 609,570 | 709,530 | 7.13 | 129.843 | 0 |
| O' Brien R | 1 | 30-005-62190 | Chaves | 52100-72998 | 20-Dec | 0 | 2,580 | 0 | 0 | 0 |
| **Total O'Brien Wells** | | **O'Brien Well Sample Set Applied** | **% of Total O'Brien Wells Tested** | **% of Total O'Brien Wells Averaged** | | **Sample Total CH4 PPM** | **Sample Total Explosive Gas PPM** | **Sample Total Flow m3/day** | **Sample Total CH4 Emission g/hour** | **Total O'Brien CH4 Emission g/hour** |
| | | | | | | **1,467,860** | **2,125,579** | **9.7400** | **165.2800** | |
| | | | | | | **Sample Avg CH4 PPM** | **Sample Avg Explosive Gas PPM** | **Sample Average Flow m3/day** | **Sample Avg CH4 Emission g/hour** | |
| **26** | | **16** | **61.54** | **38.46** | | ***91,741.25*** | **132,849** | **0.6088** | **1.6680** | **181.960** |

- [1] Methane Calculation: 717 grams CH4 per cubic meter (717 x 0.6088 m3/day = 436.51 g/day total /24 = 18.19 g/hour x 0.091741 (methane concentration) = **1.67 g/hour CH4**). **Methane, gas** weighs 0.000717 *gram per cubic centimeter* or 0.717 *kilogram per cubic meter*, i.e. density of *methane, gas* is equal to 0.717 kg/m$^3$; at 0°C (32°F or 273.15K) at standard atmospheric pressure. In Imperial or US customary measurement system, the density is equal to 0.044 *pound per cubic foot* [lb/ft$^3$].

**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



## DEFINITIONS

| | |
|---|---|
| Operator:<br>CANYON E & P COMPANY<br>251 O'Connor Ridge Blvd.<br>Irving, TX 75038 | OGRID:<br>269864 |
| | Action Number:<br>209771 |
| | Action Type:<br>[UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA) |

**DEFINITIONS**

The Orphan Well Mitigation Activity (OMA) forms are a subset of the OCD's forms exclusively designed for activities related to State of New Mexico's contracted plugging and reclamation activities. Specifically, these forms are used for orphan wells or associated facilities which are in a "Reclamation Fund Approved" status. This status represents wells or facilities where the OCD has acquired a hearing order allowing the OCD to perform plugging or reclamation on wells and associated facilities that no longer have a viable operator to perform the necessary work. These forms are not to be utilized for any other purpose.

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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

QUESTIONS

Action 209771

## QUESTIONS

| | |
|---|---|
| Operator:<br>CANYON E & P COMPANY<br>251 O'Connor Ridge Blvd.<br>Irving, TX 75038 | OGRID:<br>269864 |
| | Action Number:<br>209771 |
| | Action Type:<br>[UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| [OGRID] Well Operator | **[269864] CANYON E & P COMPANY** |
| [API] Well Name and Number | **[30-005-60804] O'BRIEN FEE 19 #006** |
| Well Status | **Plugged (not released)** |

| **Monitoring Event Information**<br>*Please answer all the questions in this group.* | |
|---|---|
| Reason For Filing | **Pre-Plug Methane Monitoring** |
| Date of monitoring | 03/30/2023 |
| Latitude | 33.604668 |
| Longitude | -104.0232086 |

| **Monitoring Event Details**<br>*Please answer all the questions in this group.* | |
|---|---|
| Flow rate in cubic meters per day ($m^3$/day) | 0.61 |
| Test duration in hours (hr) | 12.0 |
| Average flow temperature in degrees Celsius (°C) | 15.9 |
| Average gauge flow pressure in kilopascals (kPag) | 1.4 |
| Methane concentration in part per million (ppm) | 91,741 |
| Methane emission rate in grams per hour (g/hr) | 1.67 |
| Testing Method | Steady State |

| **Monitoring Contractor**<br>*Please answer all the questions in this group.* | |
|---|---|
| Name of monitoring contractor | Well Done New Mexico LLC |