



Test Report

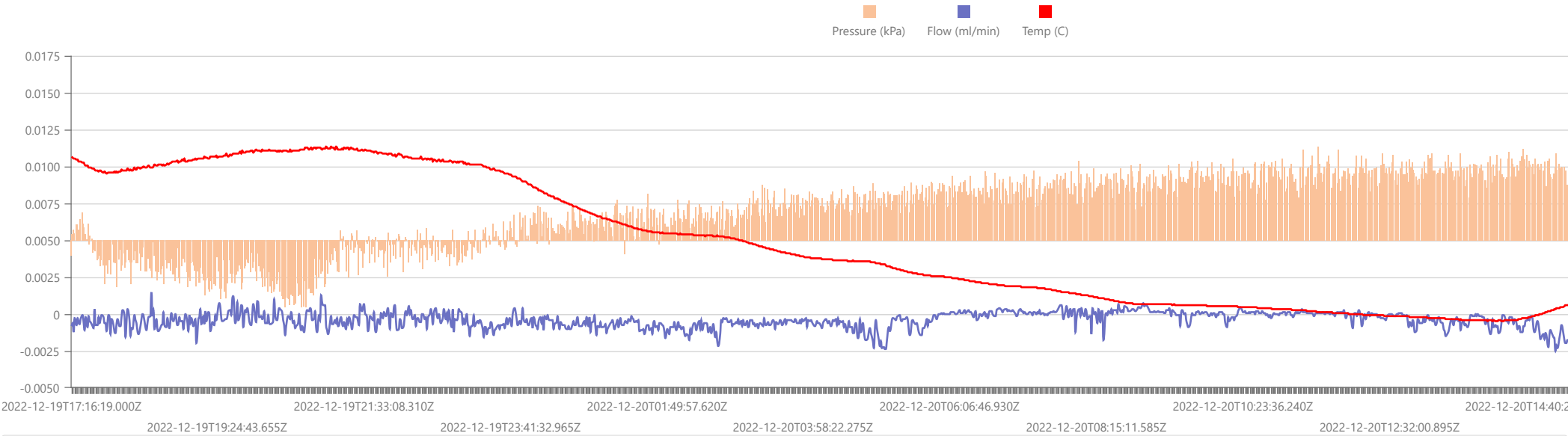
Start Date: Mon Dec 19 2022 17:16:19 GMT+0000 (Coordinated Universal Time) End Date: Tue Dec 20 2022 19:10:13 GMT+0000 (Coordinated Universal Time) Device: VB100-0039 Well Licensee: NMOCD Well Name: ELIZABETH 004 UWI: 30-005-60747 Well License Number: 30-005-60747 Surface Location: CHAVES COUNTY Bottom Hole Location: UNKNOWN	Test Operator: F.V. Authorized By: NMOCD Test Reason: IJJA/PRE PLUG Scope Of Work: 12-HR AFE Number: 52100-0000073005 GPS: 33.63737,-104.02677 Notes: MONITORING TUBING FLOW Prepared By: Curtis Shuck, QMS
---	---

Flow / Pressure Test

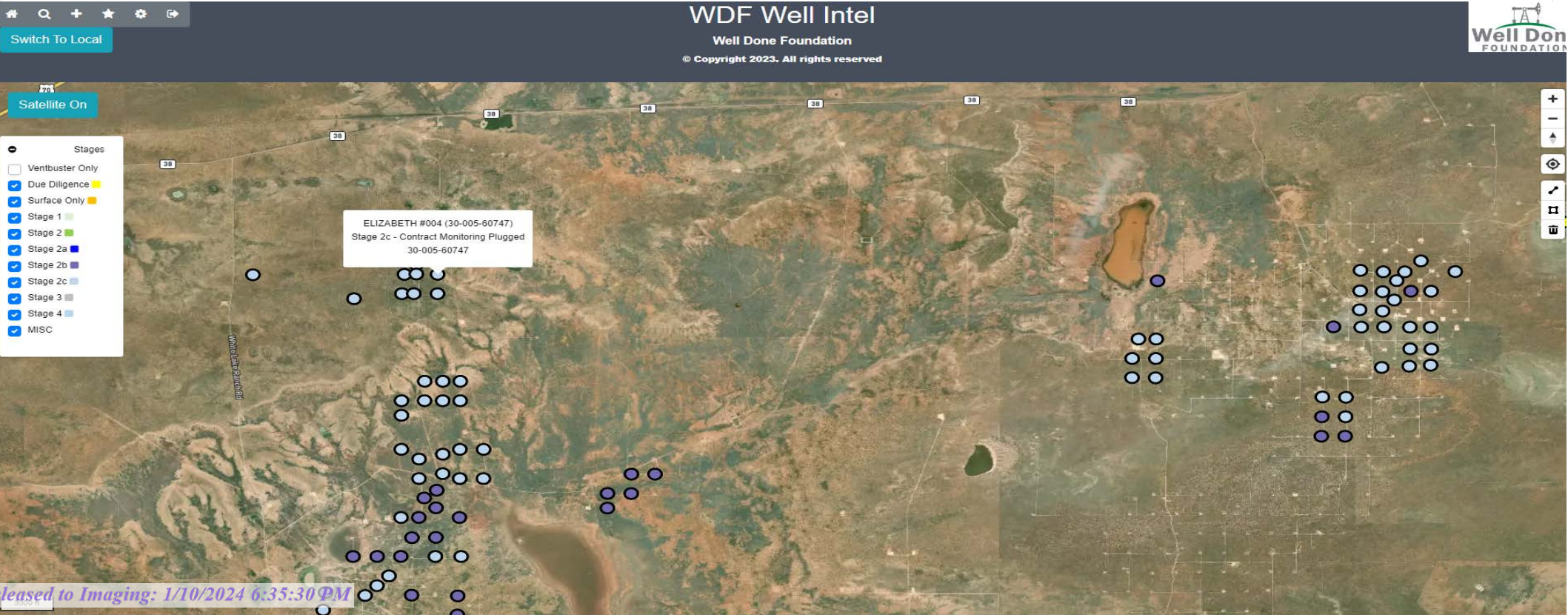
Flow Duration 25 hrs 52 minutes Duration	Average Flowrate 0.0001 m3/d	Average Pressure 0.7127 kPag	Average Flow Temperature 4.9061 °C	Average CH4 Mass 0.00 g/hr
---	---	---	---	--

Methane Calculation: 717 grams CH4 per cubic meter (717 g/m³ x 0.0001 m³/day = 0.07 g/day total /24 = 0.00 g/hour x 0 (methane concentration) = **0.00 g/hour CH4**). **Methane, gas** weighs 0.000717 *gram per cubic centimeter* or 0.717 *kilgram per cubic meter*, i.e. density of *methane, gas* is equal to 0.717 kg/m³; at 0°C (32°F or 273.15K) at standard atmospheric pressure. In imperial or US customary measurement system, the density is equal to 0.0448 *pound per cubic foot* [lb/ft³], or 0.0004144 *ounce per cubic inch* [oz/inch³].

Flow / Pressure / Temperature Timeseries



#	Date	Note
1	2022-12-20	Fgv: rigged down vb 39
2	2022-12-19	Fgv: was on location at 10:00 a.m. took pictures n,e,s,w a 4 gas monitor detection was taken and a gas sample took pictures of both then rigged up vb - 39 and took pictures of rig up





C6+ Gas Analysis Report

PROTREND STATUS: Passed By Validator on Dec 27, 2022	DATA SOURCE: Imported
PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.	
VALIDATOR: Luis Cano	
VALIDATOR COMMENTS: OK	

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

Source	Date	Notes
Luis Cano	Dec 27, 2022 8:41 am	Methane: 0 PPM

C6+ Gas Analysis Report

Hourly forecast for 19.12.2022Hourly forecast for 20.12.2022



15545G

Sample Point Code

Elizabeth #004 Pre Plug

Sample Point Name

Elizabeth #004 Tubing Sample

Sample Point Location

Laboratory Services

Source Laboratory

2022061762

Lab File No

Tedlar

Container Identity

Francis V. - Spot

Sampler

USA

District

USA

Area Name

USA

Field Name

New Mexico

Facility Name

Dec 19, 2022 10:00

Date Sampled

Dec 19, 2022 10:00

Date Effective

Dec 22, 2022 14:28

Date Received

Dec 23, 2022

Date Reported

System Administrator

Ambient Temp (°F)

Flow Rate (Mcf)

Analyst

Press PSI @ Temp °F
Source Conditions

Well Done Foundation

Operator

NG

Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	99.2530	99.254	
CO2 (CO2)	0.0410	0.041	
Methane (C1)	0.0000	0	
Ethane (C2)	0.0000	0	0.0000
Propane (C3)	0.0000	0	0.0000
I-Butane (IC4)	0.0000	0	0.0000
N-Butane (NC4)	0.0000	0	0.0000
I-Pentane (IC5)	0.0000	0	0.0000
N-Pentane (NC5)	0.0000	0	0.0000
Hexanes Plus (C6+)	0.7060	0.706	0.3060
TOTAL	100.0000	100.0010	0.3060

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: Sep 26, 2022

Gross Heating Values (Real, BTU/ft³)

14.696 PSI @ 60.00 Å°F	14.73 PSI @ 60.00 Å°F
Dry	Saturated
36.3	36.6
Dry	Saturated
36.4	36.7

Calculated Total Sample Properties

GPA2145-16 *Calculated at Contract Conditions

Relative Density Real

Relative Density Ideal

0.9833

0.9833

Molecular Weight

28.4801

C6+ Group Properties

Assumed Composition

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

Field H2S

0 PPM

PROTREND STATUS:

Passed By Validator on Dec 27, 2022

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Luis Cano

VALIDATOR COMMENTS:

OK

Source	Date	Notes
Luis Cano	Dec 27, 2022 8:41 am	Methane: 0 PPM

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

Action 302393

DEFINITIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 302393
	Action Type: [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.

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 302393

QUESTIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 302393
	Action Type: [UF-OMA] Pre-Plug Methane Monitoring (UF-OMA-MMA)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[269864] CANYON E & P COMPANY
[API] Well Name and Number	[30-005-60747] ELIZABETH #004
Well Status	Plugged (not released)

Monitoring Event Information*Please answer all the questions in this group.*

Reason For Filing	Pre-Plug Methane Monitoring
Date of monitoring	12/19/2022
Latitude	33.63737
Longitude	-104.02677

Monitoring Event Details*Please answer all the questions in this group.*

Flow rate in cubic meters per day (m³/day)	0.00
Test duration in hours (hr)	25.9
Average flow temperature in degrees Celsius (°C)	4.9
Average gauge flow pressure in kilopascals (kPag)	0.7
Methane concentration in part per million (ppm)	0
Methane emission rate in grams per hour (g/hr)	0.00
Testing Method	Steady State

Monitoring Contractor*Please answer all the questions in this group.*

Name of monitoring contractor	Well Done New Mexico LLC
-------------------------------	--------------------------