



Test Report

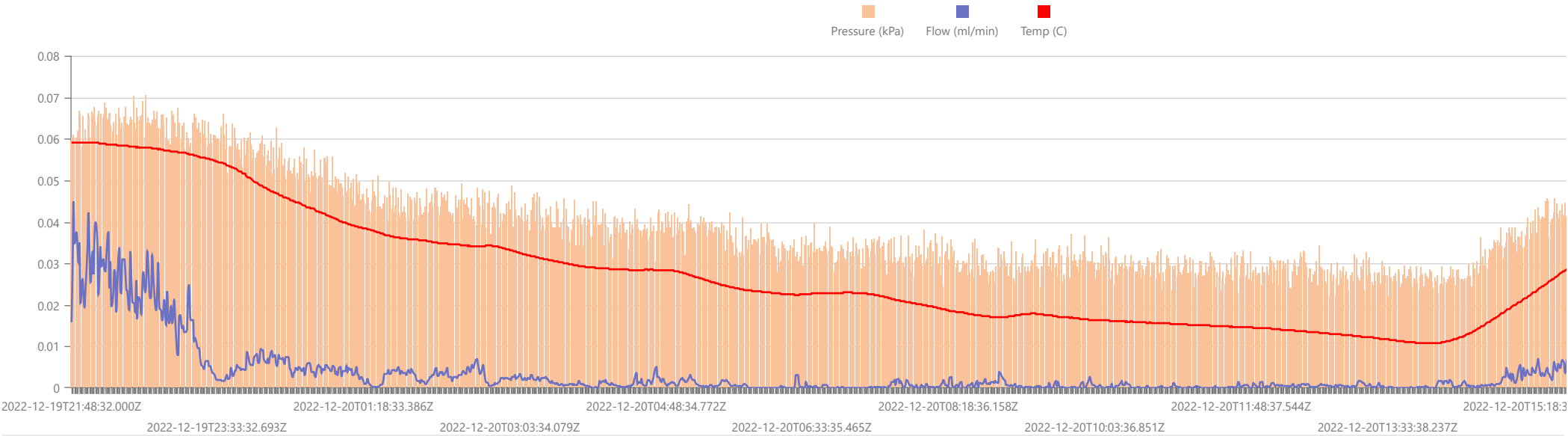
Start Date: Mon Dec 19 2022 21:48:32 GMT+0000 (Coordinated Universal Time) End Date: Tue Dec 20 2022 18:59:16 GMT+0000 (Coordinated Universal Time) Device: VB100-0045 Well Licensee: NMOCD Well Name: SEANNA 003 UWI: 30-005-60735 Well License Number: 30-005-60735 Surface Location: CHAVES COUNTY Bottom Hole Location: UNKNOWN	Test Operator: F.V. Authorized By: NMOCD Test Reason: IJJA/PRE PLUG Scope Of Work: 12-hr AFE Number: 52100-0000072998 GPS: 33.64084,-104.03335 Notes: RIGGED UP TO DORTHY Prepared By: Curtis Shuck, QMS
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Flow / Pressure Test

Flow Duration 21 hrs 9 minutes Duration	Average Flowrate 0.0048 m3/d	Average Pressure 4.2404 kPag	Average Flow Temperature 4.8724 °C	Average CH4 Mass 0.00 g/hr
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Methane Calculation: 717 grams CH4 per cubic meter (717 g/m³ x 0.0048 m³/day = 3.44 g/day total /24 = 0.14 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	Rigged down vb 45
2	2022-12-19	Rigged up dorthy and vb#45
3	2022-12-17	Fgv: measure team 1 was on location took pictures n,e,s,w and a gas sample and a picture of a gas sample the well needs dorthy on it in order to test

WDF Well Intel

Well Done Foundation

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Satellite On

SEANNA #003 (30-005-60735)
Stage 2c - Contract Monitoring Plugged
30-005-60735

Stages

☐ Ventbuster Only

☒ Due Diligence

☒ Surface Only

☒ Stage 1

☒ Stage 2

☒ Stage 2a

☒ Stage 2b

☒ Stage 2c

☒ Stage 3

☒ Stage 4

☒ MISC

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www.permians.com
575.397.3713 2609 W Marland Hobbs NM 88240

C6+ Gas Analysis Report

December 17, 2022

15543G	Seanna #003 Pre Plug	Seanna #003 Casing Flow Sample	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2022061838	baq	CES - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Dec 17, 2022 14:23	Dec 17, 2022 14:23	Dec 27, 2022 07:21	Dec 23, 2022
Date Sampled	Date Effective	Date Received	Date Reported
Torrance			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
Well Done Foundation		gas	
Operator		Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	99.7630	99.76315	
CO2 (CO2)	0.0350	0.03496	
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+)	0.0200	0.20189	0.0880
TOTAL	100.0000	100.0000	0.0880

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
10.4	11.1	10.4	11.1

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9718	0.9719
Molecular Weight	
28.1507	

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

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Sep 26, 2022

Source	Date	Notes
Luis Cano	Dec 27, 2022 8:50 am	Methane: 0 PPM

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+23°	+23°	30.1	▲ S 2.7	63%
Morning	+21°	+12°	30.1	▲ S 7.4	63%
Day	+46°	+45°	30.1	▲ S 4.5	25%
Evening	+37°	+32°	30.1	▲ S 6.9	41%



December 18, 2022

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+27°	+21°	30.1	▼ SE 4.5	63%
Morning	+27°	+21°	30.1	▼ SE 4.7	63%
Day	+45°	+41°	26.3	▲ S 5.6	38%
Evening	+37°	+34°	26.3	▲ NE 4.3	66%





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C6+ Gas Analysis Report

15543G

Seanna #003 Pre Plug

Seanna #003 Casing Flow Sample

Sample Point Code

Sample Point Name

Sample Point Location

Laboratory Services

2022061838

bag

CES - Spot

Source Laboratory

Lab File No

Container Identity

Sampler

USA

USA

USA

New Mexico

District

Area Name

Field Name

Facility Name

Dec 17, 2022 14:23

Dec 17, 2022 14:23

Dec 27, 2022 07:21

Dec 23, 2022

Date Sampled

Date Effective

Date Received

Date Reported

Torrance

Ambient Temp (°F)

Flow Rate (Mcf)

Analyst

Press PSI @ Temp °F
Source Conditions

Well Done Foundation

gas

Operator

Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	99.7630	99.76315	
CO2 (CO2)	0.0350	0.03496	
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+)	0.2020	0.20189	0.0880
TOTAL	100.0000	100.0000	0.0880

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)

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Dry	Saturated
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Calculated Total Sample Properties

GPA2145-16 *Calculated at Contract Conditions

Relative Density Real

Relative Density Ideal

0.9718

0.9719

Molecular Weight

28.1507

C6+ Group Properties

Assumed Composition

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

Field H2S

0 PPM

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DATA SOURCE:

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PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Luis Cano

VALIDATOR COMMENTS:

OK

Source	Date	Notes
Luis Cano	Dec 27, 2022 8:50 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 302410

DEFINITIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 302410
	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.

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 302410

QUESTIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 302410
	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	[30-005-60735] SEANNA #003
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	33.64084
Longitude	-104.03335

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)	21.0
Average flow temperature in degrees Celsius (°C)	4.8
Average gauge flow pressure in kilopascals (kPag)	4.2
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
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