



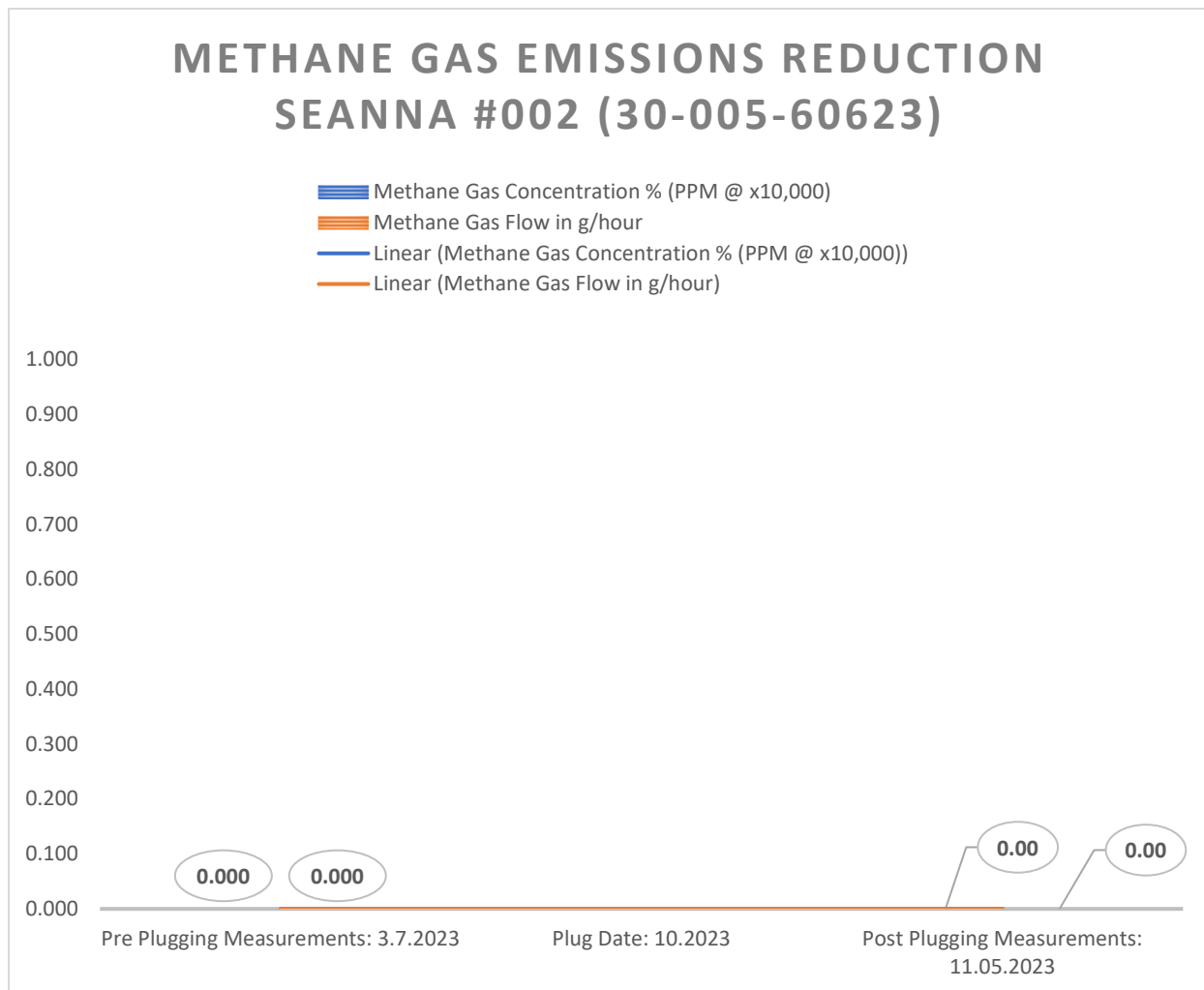
333 Main Street Shelby, Montana 59474 / P.O. Box 10640 Bozeman, MT 59179

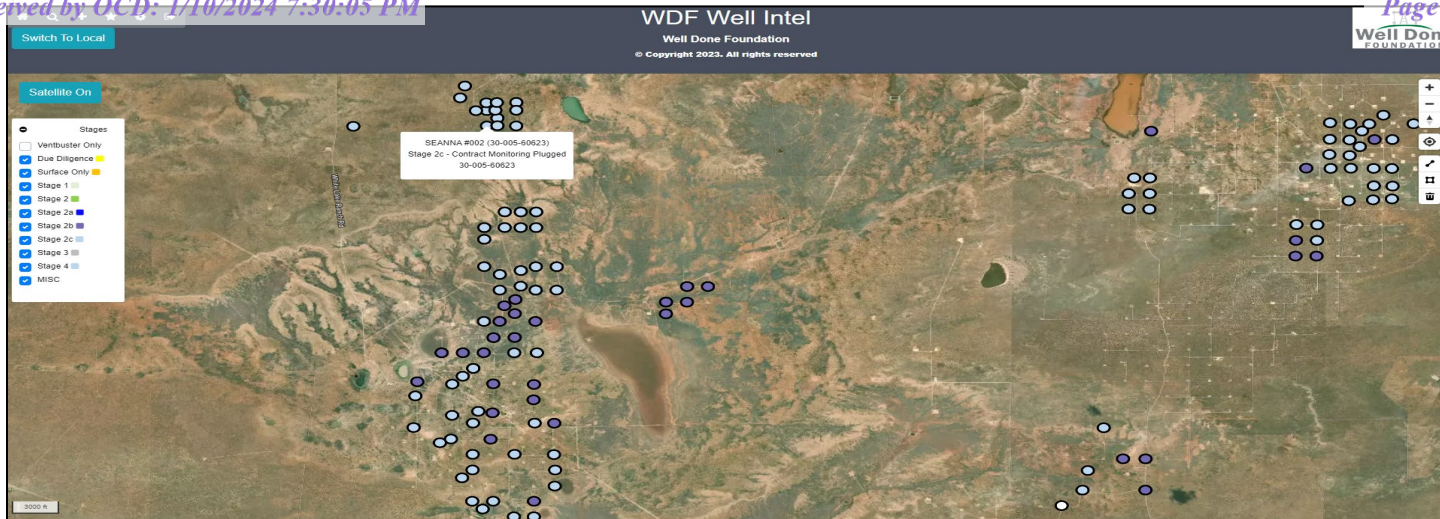
(406) 460-0903

TO: Jim Griswold, OCD
FROM: Curtis Shuck, WDNM
DATE: December 31, 2023
RE: Seanna #002 (30-005-60623) Post Plugging Methane Emission Reduction Report

MEMORANDUM

Well Done New Mexico LLC performed Post Plugging Orphan Well Methane Emission Testing, Gas Sampling & Analysis on the Seanna #002 (30-005-60623) on November 5, 2023. The following are the conclusions:





www.perrinlabs.com
575.937.3710 2020 W Main Rd Hobbs NM 88240

C6+ Gas Analysis Report

November 05, 2023

15548G	Seanna #001 Post Plugging	Seanna #001
Sample Point Code	Sample Point Name	Sample Point Location
Laboratory Services	2023078645	NA
Source Laboratory	Lab File No	Container Identity
USA	USA	USA
District	Area Name	Field Name
Nov 5, 2023 15:18	Nov 5, 2023 15:18	Nov 6, 2023 10:49
Date Sampled	Date Effective	Date Received
		Nov 20, 2023
		Date Reported
Ambient Temp (°F)	Flow Rate (Mcf)	System Administrator
		Press PSI @ Temp °F
		Source Conditions

Well Done Foundation	NG
Operator	Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	99.7300	99.731	
CO2 (CO2)	0.0400	0.04	
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+)	0.2300	0.23	0.1000
TOTAL	100.0000	100.0010	0.1000

Gross Heating Values (Real, BTU/R ³)	
14.696 PSI @ 60.00 A/F	14.73 PSI @ 60.00 A/F
Dry	Saturated
11.8	12.5
11.8	12.5

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9725	0.9726
Molecular Weight	
28.1697	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%
Field H2S		
0 PPM		

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

Analyzer Information		
Device Type:	Gas Chromatograph	Device Make:
Device Model:	GC-2014	Last Cal Date:
		Nov 20, 2023

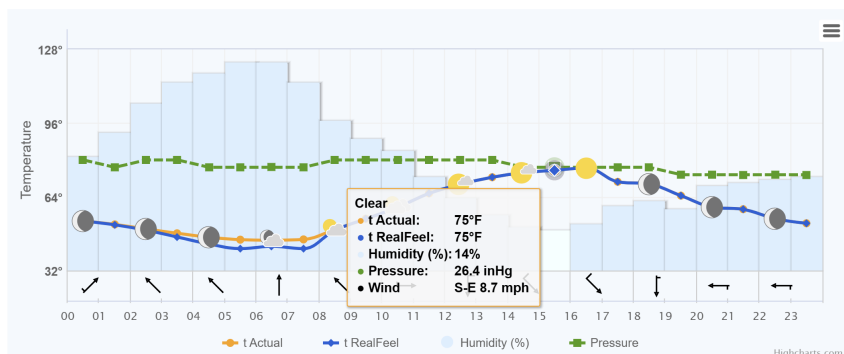
PROTEND STATUS: Passed By Validator on Nov 22, 2023

PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Ashley Russell
VALIDATOR COMMENTS: OK

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	☾ +52°	+52°	26.4	▼ N 6.3	47%
Morning	☀ +45°	+41°	26.4	▲ NW 4.3	64%
Day	☀ +73°	+73°	26.5	▼ SE 7.2	19%
Evening	☾ +64°	+64°	26.3	▼ SW 5.1	21%

Hourly forecast for 05.11.2023





15548G	Seanna #001 Post Plugging	Seanna #001
Sample Point Code	Sample Point Name	Sample Point Location
Laboratory Services	2023078645	NA
Source Laboratory	Lab File No	Container Identity
USA	USA	USA
District	Area Name	Field Name
Nov 5, 2023 15:18	Nov 5, 2023 15:18	Nov 6, 2023 10:49
Date Sampled	Date Effective	Date Received
System Administrator		
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst
		Press PSI @ Temp °F Source Conditions
Well Done Foundation		NG
Operator		Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	99.7300	99.731	
CO2 (CO2)	0.0400	0.04	
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+)	0.2300	0.23	0.1000
TOTAL	100.0000	100.0010	0.1000

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:	Nov 20, 2023

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F	14.73 PSI @ 60.00 Å°F		
Dry	Saturated	Dry	Saturated
11.8	12.5	11.8	12.5

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9725	0.9726
Molecular Weight	
28.1697	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
0 PPM

PROTREND STATUS:
 Passed By Validator on Nov 22, 2023

DATA SOURCE:
 Imported

PASSED BY VALIDATOR REASON:
 Close enough to be considered reasonable.

VALIDATOR:
 Ashley Russell

VALIDATOR COMMENTS:
 OK

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 302409

DEFINITIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 302409
	Action Type: [UF-OMA] Post-Plug Methane Monitoring (UF-OMA-MMB)

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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QUESTIONS

Action 302409

QUESTIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 302409
	Action Type: [UF-OMA] Post-Plug Methane Monitoring (UF-OMA-MMB)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[269864] CANYON E & P COMPANY
[API] Well Name and Number	[30-005-60623] SEANNA #002
Well Status	Plugged (not released)

Monitoring Event Information	
<i>Please answer all the questions in this group.</i>	
Reason For Filing	Post-Plug Methane Monitoring
Date of monitoring	11/05/2023
Latitude	33.637262
Longitude	-104.03334

Monitoring Event Details	
<i>Please answer all the questions in this group.</i>	
Flow rate in cubic meters per day (m³/day)	0.00
Test duration in hours (hr)	1.0
Average flow temperature in degrees Celsius (°C)	19.2
Average gauge flow pressure in kilopascals (kPag)	0.0
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	
<i>Please answer all the questions in this group.</i>	
Name of monitoring contractor	Well Done New Mexico LLC