



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

(406) 460-0903

TO: Jim Griswold, OCD

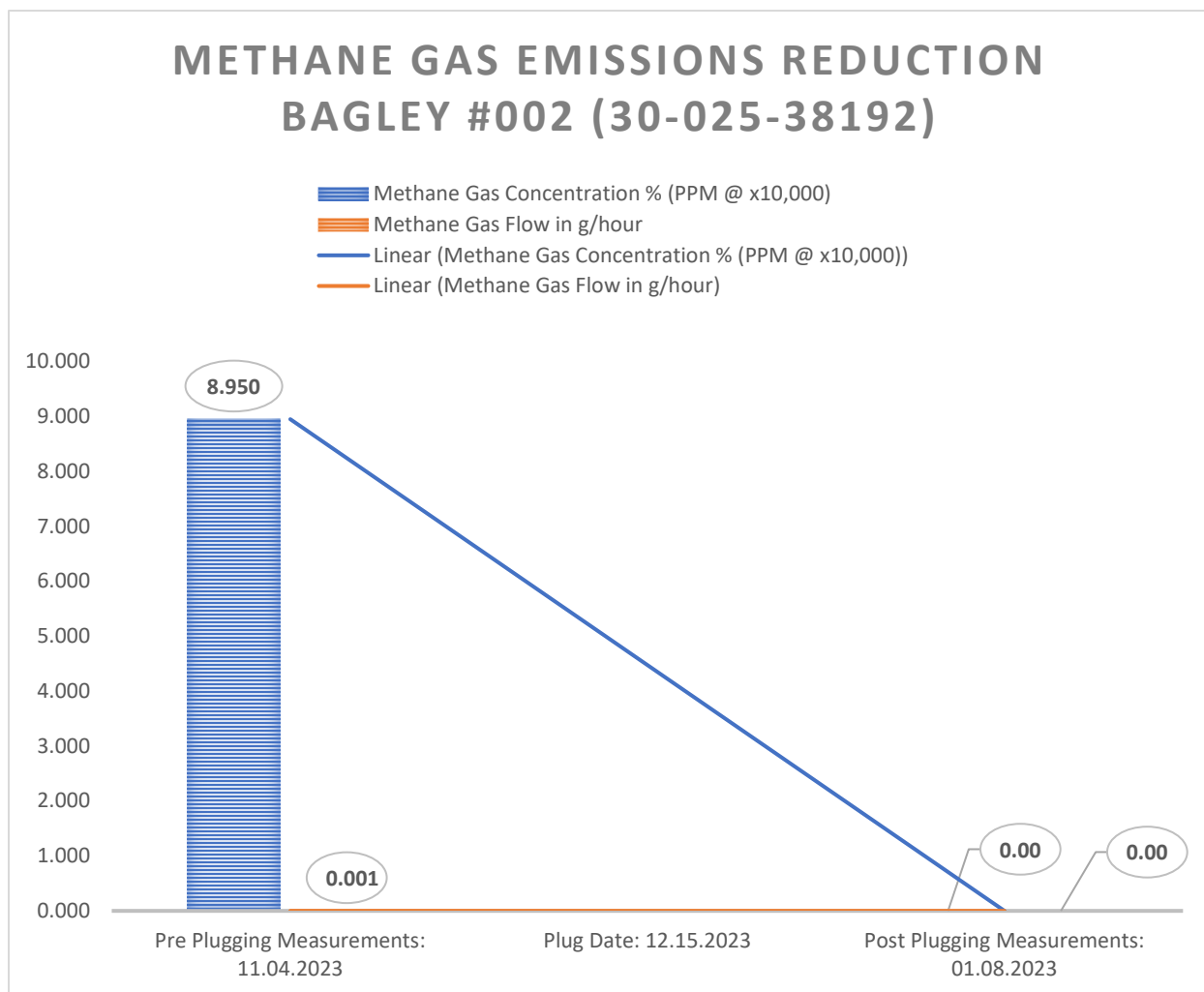
FROM: Curtis Shuck, WDNM

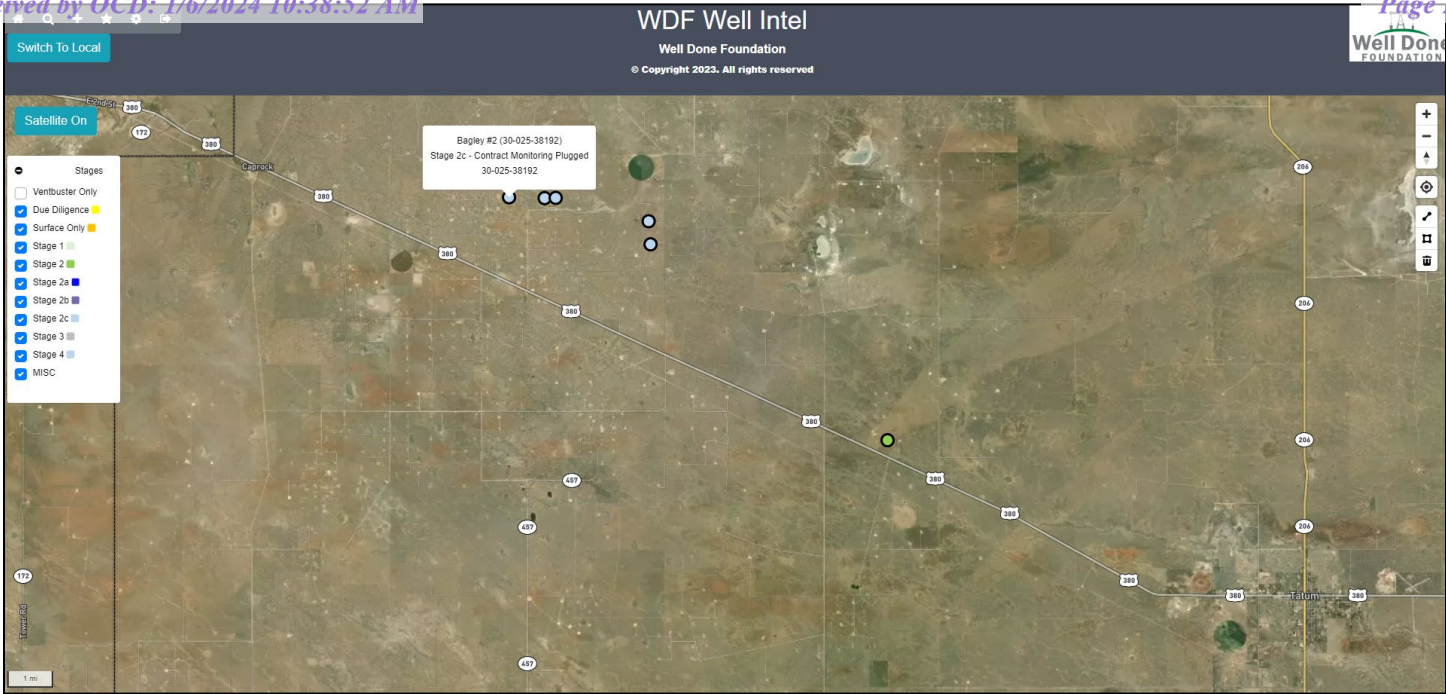
DATE: December 31, 2023

RE: Bagley #002 (30-025-38192) 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 Bagley #002 (30-025-38192) on December 18, 2023. The following are the conclusions:

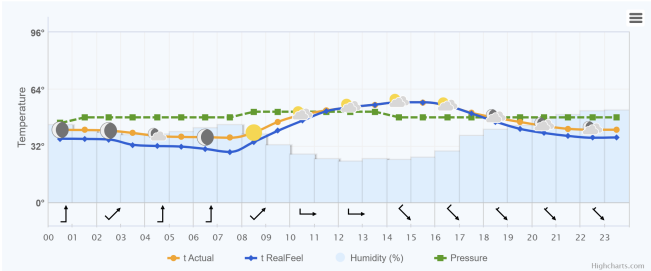




December 18, 2023

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+41°	+36°	26.5	▼ N 9.6	64%
Morning	+36°	+28°	26.5	▼ N 8.7	69%
Day	+55°	+55°	26.6	▼ SE 8.9	39%
Evening	+45°	+41°	26.5	▼ SE 7.2	68%

Hourly forecast for 18.12.2023





<b>19602G</b>	<b>BAGLEY 002 POST PLUG</b>	<b>BAGLEY 002 POST PLUG</b>	
Sample Point Code	Sample Point Name	Sample Point Location	
<b>Laboratory Services</b>	<b>2023081611</b>	<b>BAG</b>	<b>CES - Spot</b>
Source Laboratory	Lab File No	Container Identity	Sampler
<b>USA</b>	<b>USA</b>	<b>USA</b>	<b>New Mexico</b>
District	Area Name	Field Name	Facility Name
<b>Dec 18, 2023 12:55</b>	<b>Dec 1, 2023</b>	<b>Dec 20, 2023 08:39</b>	<b>Dec 20, 2023</b>
Date Sampled	Date Effective	Date Received	Date Reported
<b>Admin</b>			
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
<b>Well Done Foundation</b>			<b>NG</b>
Operator			Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	98.2600	98.25849	
CO2 (CO2)	0.1660	0.16584	
Methane (C1)	0.0000	0	
Ethane (C2)	0.2090	0.20938	0.0560
Propane (C3)	0.1650	0.16518	0.0450
I-Butane (IC4)	0.0330	0.03334	0.0110
N-Butane (NC4)	0.1200	0.12015	0.0380
I-Pentane (IC5)	0.0740	0.07446	0.0270
N-Pentane (NC5)	0.1090	0.10945	0.0400
Hexanes Plus (C6+)	0.8640	0.86371	0.3750
TOTAL	100.0000	100.0000	0.5920

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:	Dec 18, 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
64.7	64.5	64.8	64.6

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9930	0.9930
Molecular Weight	
28.7607	

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 20, 2023

**DATA SOURCE:**

Imported

**PASSED BY VALIDATOR REASON:**

First sample taken @ this point, composition looks reasonable

**VALIDATOR:**

Dustin Armstrong

**VALIDATOR COMMENTS:**

OK

Source	Date	Notes
Dustin Armstrong	Dec 20, 2023 4:36 pm	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 300604

DEFINITIONS

Operator: LEASE HOLDERS ACQUISITIONS, INCORPORATED 705 S Mustang Rd #127 Yukon, OK 73099	OGRID:	372878
	Action Number:	300604
	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 300604

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Operator: LEASE HOLDERS ACQUISITIONS, INCORPORATED 705 S Mustang Rd #127 Yukon, OK 73099	OGRID: 372878
	Action Number: 300604
	Action Type: [UF-OMA] Post-Plug Methane Monitoring (UF-OMA-MMB)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[372878] LEASE HOLDERS ACQUISITIONS, INCORPORATED
[API] Well Name and Number	[30-025-38192] BAGLEY #002
Well Status	Reclamation Fund Approved

Monitoring Event Information	
Please answer all the questions in this group.	
Reason For Filing	Post-Plug Methane Monitoring
Date of monitoring	12/18/2023
Latitude	33.38232
Longitude	-103.61776

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)	1.0
Average flow temperature in degrees Celsius (°C)	11.3
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	
Please answer all the questions in this group.	
Name of monitoring contractor	Well Done New Mexico LLC