



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

(406) 460-0903

TO: Jim Griswold, OCD

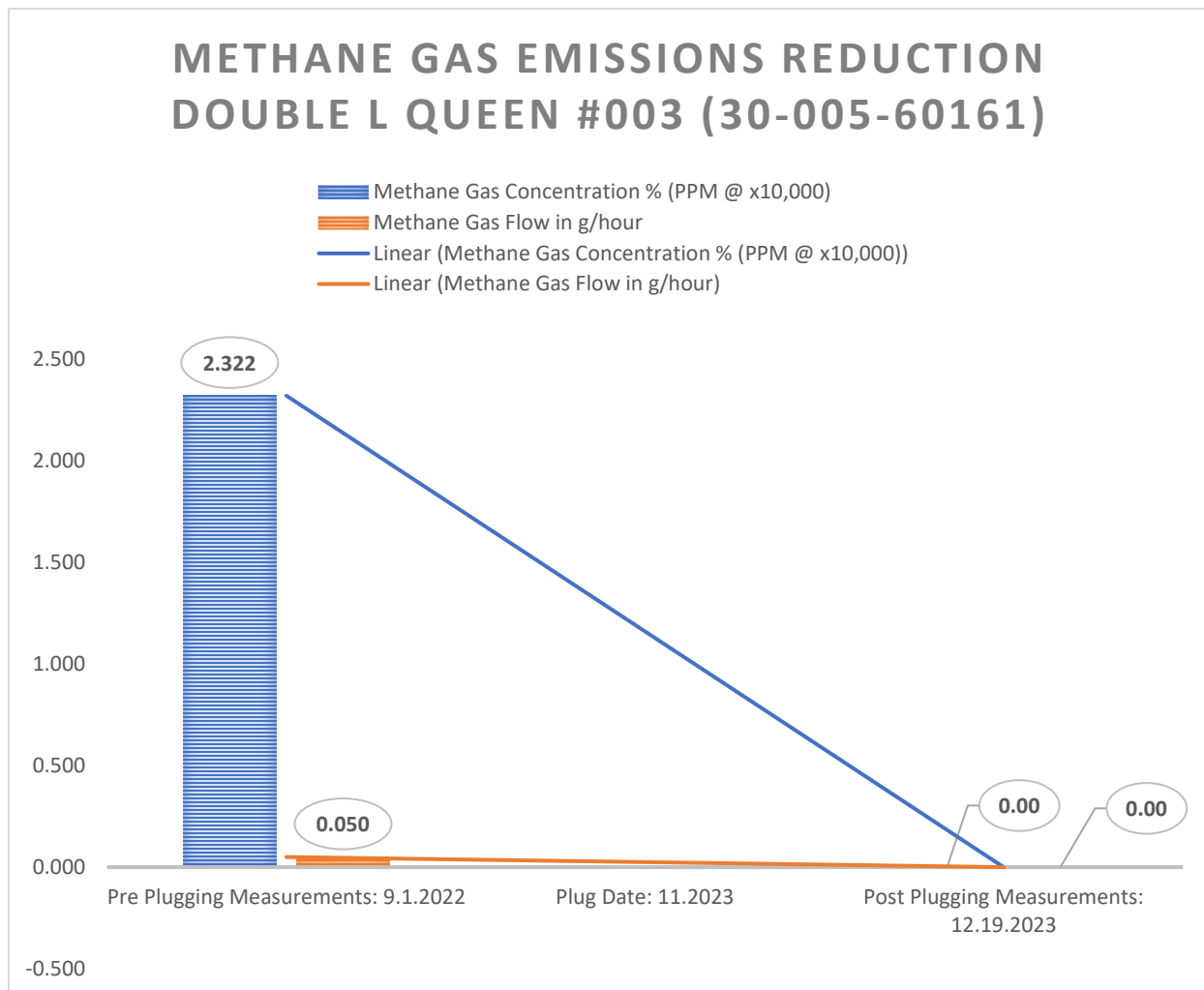
FROM: Curtis Shuck, WDNM

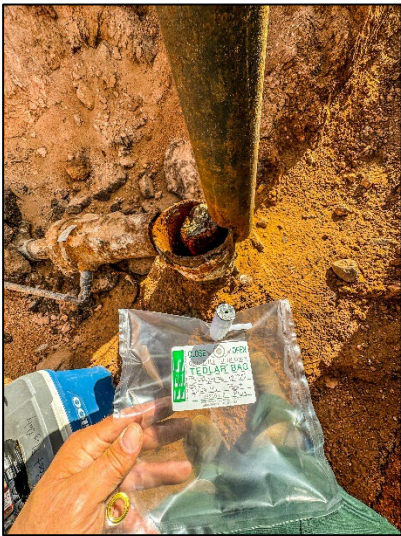
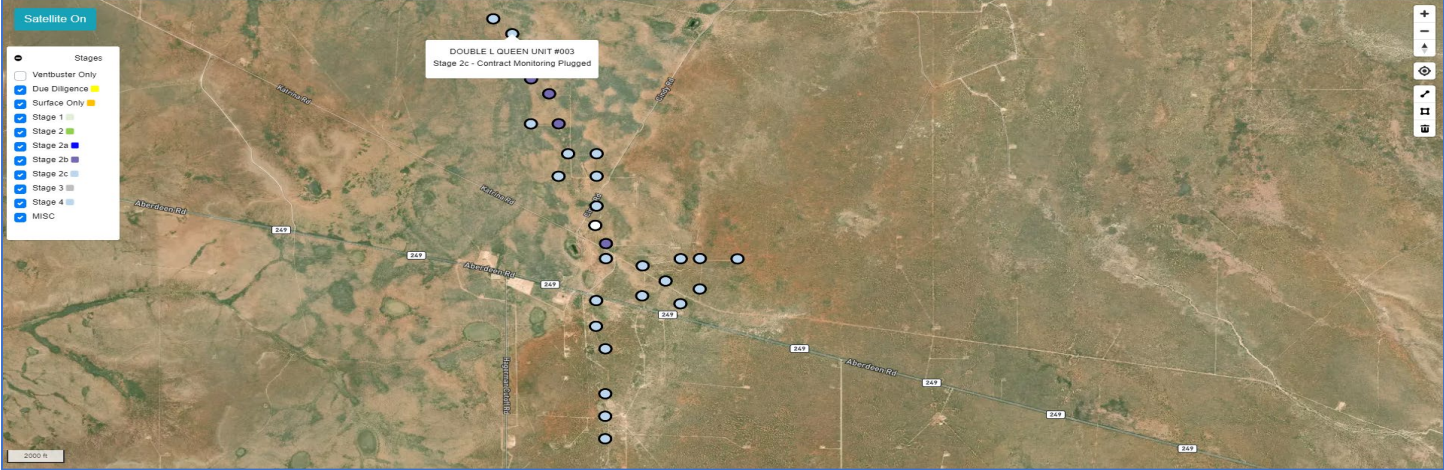
DATE: December 31, 2023

RE: Double L Queen #003 (30-005-60161) 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 Double L Queen #003 (30-005-60161) on December 19, 2023. The following are the conclusions:



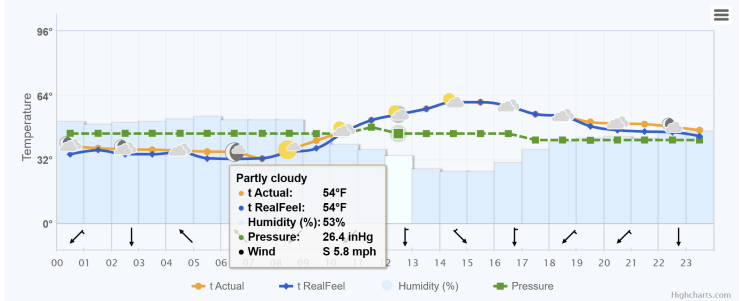


LABORATORY SERVICES				C6+ Gas Analysis Report			
19603G				DLQ 003 POST PLUG			
Sample Point Code				Sample Point Name			
Laboratory Services				DLQ 003 POST PLUG			
Source Laboratory				Sample Point Location			
2023081612				DLQ 003 POST PLUG			
BAG				DLQ 003 POST PLUG			
CES - Spot				DLQ 003 POST PLUG			
Source Laboratory				Sample Point Location			
USA				DLQ 003 POST PLUG			
District				DLQ 003 POST PLUG			
Dec 19, 2023 12:35				DLQ 003 POST PLUG			
Date Sampled				DLQ 003 POST PLUG			
Dec 1, 2023				DLQ 003 POST PLUG			
Date Effective				DLQ 003 POST PLUG			
Dec 20, 2023 08:43				DLQ 003 POST PLUG			
Date Received				DLQ 003 POST PLUG			
Dec 20, 2023				DLQ 003 POST PLUG			
Date Reported				DLQ 003 POST PLUG			
Ambient Temp (°F)				DLQ 003 POST PLUG			
Flow Rate (Mcf)				DLQ 003 POST PLUG			
Luis				DLQ 003 POST PLUG			
Analyst				DLQ 003 POST PLUG			
Press PSI @ Temp °F				DLQ 003 POST PLUG			
Source Conditions				DLQ 003 POST PLUG			
Well Done Foundation				DLQ 003 POST PLUG			
Operator				DLQ 003 POST PLUG			
NG				DLQ 003 POST PLUG			
Lab Source Description				DLQ 003 POST PLUG			
Component				DLQ 003 POST PLUG			
Normalized Mol %				DLQ 003 POST PLUG			
Un-Normalized Mol %				DLQ 003 POST PLUG			
GPM				DLQ 003 POST PLUG			
H2S (H2S)				DLQ 003 POST PLUG			
0.0000				DLQ 003 POST PLUG			
0				DLQ 003 POST PLUG			
Nitrogen (N2)				DLQ 003 POST PLUG			
99.8990				DLQ 003 POST PLUG			
99.89953				DLQ 003 POST PLUG			
CO2 (CO2)				DLQ 003 POST PLUG			
0.0360				DLQ 003 POST PLUG			
0.03584				DLQ 003 POST PLUG			
Methane (C1)				DLQ 003 POST PLUG			
0.0000				DLQ 003 POST PLUG			
0				DLQ 003 POST PLUG			
Ethane (C2)				DLQ 003 POST PLUG			
0.0000				DLQ 003 POST PLUG			
0				DLQ 003 POST PLUG			
Propane (C3)				DLQ 003 POST PLUG			
0.0000				DLQ 003 POST PLUG			
0				DLQ 003 POST PLUG			
I-Butane (IC4)				DLQ 003 POST PLUG			
0.0000				DLQ 003 POST PLUG			
0				DLQ 003 POST PLUG			
N-Butane (NC4)				DLQ 003 POST PLUG			
0.0000				DLQ 003 POST PLUG			
0				DLQ 003 POST PLUG			
I-Pentane (IC5)				DLQ 003 POST PLUG			
0.0000				DLQ 003 POST PLUG			
0				DLQ 003 POST PLUG			
N-Pentane (NC5)				DLQ 003 POST PLUG			
0.0000				DLQ 003 POST PLUG			
0				DLQ 003 POST PLUG			
Hexanes Plus (C6+)				DLQ 003 POST PLUG			
0.0650				DLQ 003 POST PLUG			
0.06463				DLQ 003 POST PLUG			
0.0280				DLQ 003 POST PLUG			
TOTAL				DLQ 003 POST PLUG			
100.0000				DLQ 003 POST PLUG			
100.0000				DLQ 003 POST PLUG			
0.0280				DLQ 003 POST PLUG			
Gross Heating Values (Real, BTU/lb)				DLQ 003 POST PLUG			
14.696 PSI @ 60.00 A/F				DLQ 003 POST PLUG			
14.73 PSI @ 60.00 A/F				DLQ 003 POST PLUG			
Dry				DLQ 003 POST PLUG			
3.3				DLQ 003 POST PLUG			
Saturated				DLQ 003 POST PLUG			
4.2				DLQ 003 POST PLUG			
3.3				DLQ 003 POST PLUG			
4.2				DLQ 003 POST PLUG			
Calculated Total Sample Properties				DLQ 003 POST PLUG			
GPM @ 15-16 °C Calculated at Contract Conditions				DLQ 003 POST PLUG			
Relative Density Real				DLQ 003 POST PLUG			
0.9687				DLQ 003 POST PLUG			
Relative Density Ideal				DLQ 003 POST PLUG			
0.9688				DLQ 003 POST PLUG			
Molecular Weight				DLQ 003 POST PLUG			
28.0615				DLQ 003 POST PLUG			
C6+ Group Properties				DLQ 003 POST PLUG			
Assumed Composition				DLQ 003 POST PLUG			
C6 - 60.000%				DLQ 003 POST PLUG			
C7 - 30.000%				DLQ 003 POST PLUG			
C8 - 10.000%				DLQ 003 POST PLUG			
Field H2S				DLQ 003 POST PLUG			
0 PPM				DLQ 003 POST PLUG			
PROTEND STATUS:				DLQ 003 POST PLUG			
Passed By Validator on Dec 20, 2023				DLQ 003 POST PLUG			
DATA SOURCE:				DLQ 003 POST PLUG			
Imported				DLQ 003 POST PLUG			
PASSED BY VALIDATOR REASON:				DLQ 003 POST PLUG			
First sample taken @ this point, composition looks reasonable				DLQ 003 POST PLUG			
VALIDATOR:				DLQ 003 POST PLUG			
Dustin Armstrong				DLQ 003 POST PLUG			
VALIDATOR COMMENTS:				DLQ 003 POST PLUG			
OK				DLQ 003 POST PLUG			
Source				DLQ 003 POST PLUG			
Date				DLQ 003 POST PLUG			
Notes				DLQ 003 POST PLUG			
Dustin Armstrong				DLQ 003 POST PLUG			
Dec 20, 2023				DLQ 003 POST PLUG			
4:19 pm				DLQ 003 POST PLUG			
Methane = 0 ppm				DLQ 003 POST PLUG			

December 19, 2023

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	+37°	+37°	26.4	SW 2.7	78%
Morning	+32°	+32°	26.4	NW 1.8	81%
Day	+57°	+57°	26.4	S 5.4	43%
Evening	+50°	+48°	26.3	SW 5.4	67%

Hourly forecast for 19.12.2023





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

C6+ Gas Analysis Report

19603G	DLQ 003 POST PLUG	DLQ 003 POST PLUG	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2023081612	BAG	CES - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Dec 19, 2023 12:35	Dec 1, 2023	Dec 20, 2023 08:43	Dec 20, 2023
Date Sampled	Date Effective	Date Received	Date Reported
Luis			
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)	99.8990	99.89953	
CO2 (CO2)	0.0360	0.03584	
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+)	0.0650	0.06463	0.0280
TOTAL	100.0000	100.0000	0.0280

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
3.3	4.2	3.3	4.2

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.9687	0.9688
Molecular Weight	
28.0615	

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 4:19 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 300576

DEFINITIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 300576
	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.

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
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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 300576

QUESTIONS

Operator: CANYON E & P COMPANY 251 O'Connor Ridge Blvd. Irving, TX 75038	OGRID: 269864
	Action Number: 300576
	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	[30-005-60161] DOUBLE L QUEEN UNIT #003
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	12/19/2023
Latitude	33.07864
Longitude	-103.98476

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)	13.2
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	
Please answer all the questions in this group.	
Name of monitoring contractor	Well Done New Mexico LLC