(406) 460-0903



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

TO: Jim Griswold, OCD

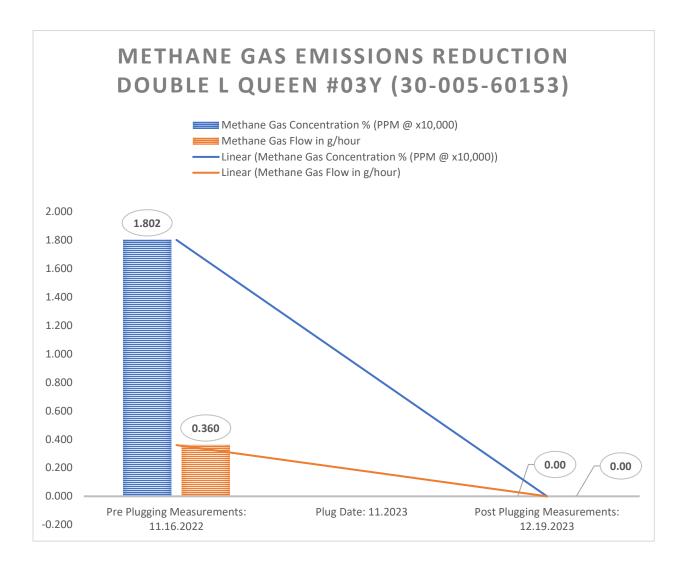
FROM: Curtis Shuck, WDNM

DATE: December 31, 3023

RE: Double L Queen #03Y (30-005-60153) 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 #03Y (30-005-60153) on December 19, 2023. The following are the conclusions:









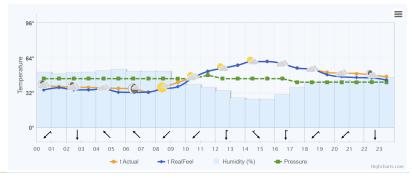


🚹 mana		575	www.perm 397.3713 2609 W M	nianis.com tatand Hobbs N	M 88240		C6+ Gas	Analysis Rep
19610G		DLO 3Y POST PLUG				DLO 3Y POST PLUG		
Sample Point Code		Sample Point N			Sample Point Location			
Laborator		2023081619		BAG		CES - Spot		
Source La	boratory	Lab File No		Container Identity		Sampler		
USA		USA		USA		New Mexico		
District		Area Name		Field Name	Field Name		Facility Name	
Dec 19, 202			1, 2023		Dec 20, 2023 09:1			20, 2023
Date Sam	pled		e Effective		Date I	Received	Date	e Reported
Ambient Temp (°F)	Flow Rate (Mcf)	Luis			SI @ Temp "F	-		
				Sour	ce Conditions			
Well Done Fr					_		NG	
Opera	tor					L	ab Source Descript	tion
Component	Normalized	Un-Normalized	GPM				s (Real, BTU/f	
companion	Mol %	Mol %		⊣ I	14.696 PSI @ 60.	00 Å*F Saburated	14.73 PSI Dry	© 60.00 ŰF Saturated
H2S (H2S)	0.0000	0			3.2	4.0	3.2	4.0
Nitrogen (N2)	99.9010	99.90116		╛┝	Calci	alated Total Sa	ample Propertie	es
CO2 (CO2)	0.0370	0.03708		GPA2145-16 "Calculated at Contract Conditions				
Methane (C1)	0.0000	0		71	Relative Density 0.9687			ensity Ideal 9688
Ethane (C2)	0.0000	0	0.0000	71	Molecular Wei	ight	0.5	1000
Propane (C3)	0.0000	0	0.0000	┑느	28.059	7		
I-Butane (IC4)	0.0000	0	0.0000	71		C6+ Group		
N-Butane (NC4)	0.0000	0	0.0000	ΗΙ,	D6 - 60.000%	Assumed Co C7 - 30.0		B - 10.000%
I-Pentane (ICS)	0.0000		0.0000	┧┝	22.00070	Field F		20.000
N-Pentane (NCS)	0.0000	0	0.0000	1		0 PP	М	
Hexanes Plus (C6+)	0.0620	0.06176	0.0270	┧ᆜ				
TOTAL	100.0000	100.0000	0.0270		t END STATUS: d By Validator o	n Dec 20, 202	DATA SO Importe	
fethod(s): Gas C6+ - GPA 2261, Ex	tended Gas - GPA 2286, Calcul	ations - GPA 2172			D BY VALIDATOR			
	Analyzer Informa	ation		First s	ample taken @	this point, coi	nposition looks	reasonable
Device Type: Gas Chro		e Make: Shimad:	nu		Armstrong	6	5/4	1.
Device Model: GC-2014		Cal Date: Dec 18,		1			They want	. ,
				OK VALIDA	ATOR COMMENTS	5:		
Source	Date	Notes						
	20, 2023 4:22 pm	Methane = 0 ppm						

December 19, 2023

	Atmospheric conditions and temperature °F	RealFeel °F	Atmospheric pressure inHg	Wind speed mph	Humidity
Night	(a) +37°	+37°	26.4	∢ sw 2.7	78%
Morning	(+32°	+32°	26.4	▲ NW 1.8	81%
Day	- +57°	+57°	26.4	A S 5.4	43%
Evening	+50°	+48°	26.3	∢ sw 5.4	67%

Hourly forecast for 19.12.2023





	Natural Gas Analysis	575.3	97.3713 2609 W Ma	arland Hobbs NM 88240		00 / 000	7 , G.G	
19610G]	DLQ 3Y POST	PLUG		DLQ 3Y P	OST PLUG	
Sample Point Code			Sample Point Na	ame		Sample Po	int Location	
Laboratory S	ervices	20230816	519	BAG		CES - Spo	t	
Source Labor	ratory	Lab File N	lo	Container Identity		Sampler		
USA		USA	<u> </u>	USA		New Mexico		
District		Area Name		Field Name	 -			
Dec 19, 2023 1	10:15	Dec	1, 2023		Dec 20, 2023 09:12	Dec	20, 2023	
Date Sampled	d	Date	Effective		Date Received	Da	te Reported	
		Luis						
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst		Press PSI @ Te Source Cond	•			
Well Done Four	ndation					NG		
Operator						ab Source Descrip	otion	
Component	Normalized	Un-Normalized	GPM		Gross Heating Value	es (Real, BTU/	ft³)	
Component	Mol %	Mol %	Grivi	⊣ ।	96 PSI @ 60.00 °F		@ 60.00 °F	
H2S (H2S)	0.0000	0		Dry 3.2	Saturated 4.0	Dry 3.2	Saturated 4.0	
Nitrogen (N2)	99.9010	99.90116			Calculated Total S	ample Propert		
CO2 (CO2)	0.0370	0.03708		GPA2145-16 *Calculated at Contract Conditions				
Methane (C1)	0.0000	0		Relative Density Real Relative Densit 0.9687 0.9688				
Ethane (C2)	0.0000	0	0.0000	-	lolecular Weight	U.	9000	
Propane (C3)	0.0000	0	0.0000	1	28.0597			
I-Butane (IC4)	0.0000	0	0.0000	1	C6+ Group	-		
N-Butane (NC4)	0.0000	0	0.0000	C6 - 60	Assumed Co 0.000% C7 - 30.0	•	08 - 10.000%	
I-Pentane (IC5)	0.0000	0	0.0000		Field I	12S		
N-Pentane (NC5)	0.0000	0	0.0000	7	0 PF	PM		
Hexanes Plus (C6+)	0.0620	0.06176	0.0270	PROTREND ST	ratus.	DATA S	NIBCE:	
TOTAL	100.0000	100.0000	0.0270		alidator on Dec 20, 202	DATA So 23 Import		
d(s): Gas C6+ - GPA 2261, Extend	ded Gas - GPA 2286, Calcula	itions - GPA 2172			ALIDATOR REASON: taken @ this point, co	mposition look	s reasonable	
	Analyzer Informa	ition		VALIDATOR: Dustin Arms		_ /) /_	

Device Type: Gas Chromatograph Device Make: Shimadzu GC-2014 Device Model: Last Cal Date: Dec 18, 2023

VALIDATOR COMMENTS:

OK

Source Notes Date

Dustin Armstrong Dec 20, 2023 4:22 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

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 300522

DEFINITIONS

Operator:	OGRID:
CANYON E & P COMPANY	269864
251 O'Connor Ridge Blvd.	Action Number:
Irving, TX 75038	300522
	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 300522

QUESTIONS

Operator:	OGRID:
CANYON E & P COMPANY	269864
251 O'Connor Ridge Blvd.	Action Number:
Irving, TX 75038	300522
	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	[30-005-60153] DOUBLE L QUEEN UNIT #003Y		
Well Status	Plugged (not released)		

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	33.04056			
Longitude	-103.97425			

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)	2.3			
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		