

Certificate of Analysis

Number: 6030-24030073-001A

Artesia Laboratory 200 E Main St. Artesia, NM 88210 Phone 575-746-3481

Randy Ferrell 3R Operating 4000 N. Big Spring Ste. 210

Midland, TX 79705

Station Name: Morpheus 25-36 CTB Station Number: 118001390

Station Location: 3R Operating Sample Point: Meter Run

6030_GC2 (Agilent GC-7890B) Instrument: Last Inst. Cal.: 03/05/2024 13:48 PM Analyzed: 03/08/2024 11:31:19 by EBH

Sampled By: Adrian Guzman Sample Of: Gas Spot Sample Date: 03/05/2024 04:15

Sample Conditions: 50.0 psig, @ 98.4 °F Ambient: 70 °F

Mar. 08, 2024

03/05/2024 04:15 Effective Date: 884.8 MSCFD Flow Rate: Method: GPA-2261M Cylinder No: 1111-009586

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.0000	0.8000	0.9597		GPM TOTAL C2+	8.798
Nitrogen	1.7180	1.6905	1.6670		GPM TOTAL C3+	5.338
Methane	56.9040	55.9942	31.6204		GPM TOTAL iC5+	1.649
Carbon Dioxide	12.1110	11.9173	18.4619			
Ethane	13.0740	12.8649	13.6169	3.460		
Propane	8.6020	8.4645	13.1386	2.345		
Iso-butane	1.1650	1.1464	2.3455	0.377		
n-Butane	3.1010	3.0514	6.2430	0.967		
Iso-pentane	0.9630	0.9476	2.4066	0.349		
n-Pentane	0.9670	0.9515	2.4165	0.347		
Hexanes Plus	2.2070	2.1717	7.1239	0.953		
	100.8120	100.0000	100.0000	8.798		
Calculated Physical	I Properties	Tot	al	C6+		
Relative Density Rea	al Gas	0.986	33	3.2176		
Calculated Molecular	r Weight	28.4	11	93.19		
Compressibility Factor	or	0.994	11			
GPA 2172 Calculati	on:					
Calculated Gross B	TU per ft ³ @ 14.73 p	sia & 60°F				
Real Gas Dry BTU		134	17	5141		
Water Sat. Gas Base	e BTU	132	24	5052		
Ideal, Gross HV - Dry	y at 14.73 psia	1338	.6	5141.1		
Ideal, Gross HV - We	et	1315	.2	5051.6		
Comments: H2S F	ield Content .8 %					

Hydrocarbon Laboratory Manager

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality

assurance, unless otherwise stated.

Quality Assurance:

Calculations for the total Mcf flared
End Meter Volume – the Begin Meter Volume.

***Composition for the gas has been entered into the question portion of the C-129. If further back up is needed please let us know and will provide requested data.

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 341782

DEFINITIONS

Operator		OGRID:
	3R Operating, LLC	331569
	4000 N BIG SPRING ST	Action Number:
	Midland, TX 79705	341782
		Action Type:
		[C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- this application's operator, hereinafter "this operator";
- · venting and/or flaring, hereinafter "vent or flare";
- any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";
- the statements in (and/or attached to) this, hereinafter "the statements in this";
- and the past tense will be used in lieu of mixed past/present tense questions and statements.

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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 341782

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Nitrogen (N2) percentage quality requirement Not answered. Hydrogen Sufide (H2S) PPM quality requirement Not answered.	If you are venting and/or flaring because of Pipeline Specification, please provide the required spec	rifications for each gas.	
Hydrogen Sufide (H2S) PPM quality requirement Not answered.	Methane (CH4) percentage quality requirement	Not answered.	
Hydrogen Sufide (H2S) PPM quality requirement Not answered.	Nitrogen (N2) percentage quality requirement	Not answered.	
	Hydrogen Sufide (H2S) PPM quality requirement	Not answered.	
	Carbon Dioxide (C02) percentage quality requirement	Not answered.	

Not answered.

Oxygen (02) percentage quality requirement

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**

QUESTIONS, Page 2

Action 341782

QUESTIONS (continued)

QCESTIONS (continued)		
Operator:	OGRID:	
3R Operating, LLC	331569	
4000 N BIG SPRING ST	Action Number:	
Midland, TX 79705	341782	
	Action Type:	
	[C-129] Venting and/or Flaring (C-129)	

QUESTIONS

Date(s) and Time(s)		
Date vent or flare was discovered or commenced 05/07/2024		
Time vent or flare was discovered or commenced	07:30 AM	
Time vent or flare was terminated	11:59 PM	
Cumulative hours during this event	17	

Measured or Estimated Volume of Vented or Flared Natural Gas		
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Cause: Repair and Maintenance Gas Plant Natural Gas Flared Released: 935 Mcf Recovered: 0 Mcf Lost: 935 Mcf.	
Other Released Details	Not answered.	
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.	

Venting or Flaring Resulting from Downstream Activity		
Was this vent or flare a result of downstream activity Yes		
Was notification of downstream activity received by this operator	Yes	
Downstream OGRID that should have notified this operator	[24650] TARGA MIDSTREAM SERVICES LLC	
Date notified of downstream activity requiring this vent or flare	04/08/2024	
Time notified of downstream activity requiring this vent or flare	10:00 AM	

Steps and Actions to Prevent Waste			
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	False		
Please explain reason for why this event was beyond this operator's control	Although the Targa Monument Plant shut down is beyond operator's control, 3RO has included emissions represented in their air permit to include pipeline downtime.		
Steps taken to limit the duration and magnitude of vent or flare	None by the operator. Targa Monument Plant will complete any repairs or maintenance and resume operations as soon as possible.		
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	None by operator. Plant shut down is out of their control and is normal part of operations.		

ACKNOWLEDGMENTS

Action 341782

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Operator:	OGRID:
3R Operating, LLC	331569
4000 N BIG SPRING ST	Action Number:
Midland, TX 79705	341782
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

	I acknowledge that I am authorized to submit a Venting and/or Flaring (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
ব	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
< < >	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
~	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 341782

CONDITIONS

Operator:	OGRID:
3R Operating, LLC	331569
4000 N BIG SPRING ST	Action Number:
Midland, TX 79705	341782
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
cforrest	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	5/7/2024