2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: HM20240026
Cust No: 33700-12090

Well/Lease Information

Customer Name:	HARVEST MIDSTREAM	Source:	Station Suction Inlet
Well Name:	Rosa CDP; Station Suction Inlet	Well Flowing:	
County/State:	San Juan NM	Pressure:	50 PSIG
Location:		Flow Temp:	51 DEG. F
Lease/PA/CA:		Ambient Temp:	64 DEG. F
Formation:		Flow Rate:	11.3 MCF/D
Cust. Stn. No.:		Sample Method:	
		Sample Date:	04/16/2024
		Sample Time:	1.45 PM
		Sampled By:	Daniel Lovato
Heat Trace:	N	Sampled by (CO):	Harvest
Remarks:	Calculated Molecular Weight: 17.6858		

Analysis

Component:	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.2189	0.2185	0.0240	0.00	0.0021
CO2	5.0245	5.0150	0.8590	0.00	0.0763
Methane	93.4520	93.2757	15.8740	943.87	0.5176
Ethane	1.1553	1.1531	0.3100	20.44	0.0120
Propane	0.0991	0.0989	0.0270	2.49	0.0015
Iso-Butane	0.0164	0.0164	0.0050	0.53	0.0003
N-Butane	0.0070	0.0070	0.0020	0.23	0.0001
Neopentane 2,2 dmc3	0.0234	0.0234	0.0090	0.93	0.0006
I-Pentane	0.0021	0.0021	0.0010	0.08	0.0001
N-Pentane	0.0012	0.0012	0.0000	0.05	0.0000
Neohexane	0.0000	N/R	0.0000	0.00	0.0000
2-3-Dimethylbutane	0.0000	N/R	0.0000	0.00	0.0000
Cyclopentane	0.0000	N/R	0.0000	0.00	0.0000
2-Methylpentane	0.0000	N/R	0.0000	0.00	0.0000
3-Methylpentane	0.0000	N/R	0.0000	0.00	0.0000
C6	0.0000	0.0000	0.0000	0.00	0.0000
Methylcyclopentane	0.0000	N/R	0.0000	0.00	0.0000
Benzene	0.0000	N/R	0.0000	0.00	0.0000
Cyclohexane	0.0000	N/R	0.0000	0.00	0.0000
2-Methylhexane	0.0000	N/R	0.0000	0.00	0.0000
3-Methylhexane	0.0000	N/R	0.0000	0.00	0.0000
2-2-4-Trimethylpentane	0.0000	N/R	0.0000	0.00	0.0000
i-heptanes	0.0000	N/R	0.0000	0.00	0.0000
Heptane	0.0000	N/R	0.0000	0.00	0.0000

Methylcyclohexane	0.0000	N/R	0.0000	0.00	0.0000
Toluene	0.0000	N/R	0.0000	0.00	0.0000
2-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
4-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
i-Octanes	0.0000	N/R	0.0000	0.00	0.0000
Octane	0.0000	N/R	0.0000	0.00	0.0000
Ethylbenzene	0.0000	N/R	0.0000	0.00	0.0000
m, p Xylene	0.0000	N/R	0.0000	0.00	0.0000
o Xylene (& 2,2,4 tmc7)	0.0000	N/R	0.0000	0.00	0.0000
i-C9	0.0000	N/R	0.0000	0.00	0.0000
C9	0.0000	N/R	0.0000	0.00	0.0000
i-C10	0.0000	N/R	0.0000	0.00	0.0000
C10	0.0000	N/R	0.0000	0.00	0.0000
i-C11	0.0000	N/R	0.0000	0.00	0.0000
C11	0.0000	N/R	0.0000	0.00	0.0000
C12P	0.0000	N/R	0.0000	0.00	0.0000
Total	100.00	99.811	17.111	968.63	0.6107

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0022	CYLINDER #:	9001
BTU/CU.FT IDEAL:	970.9	CYLINDER PRESSURE:	50 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	973.0	ANALYSIS DATE:	04/18/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	956.1	ANALYIS TIME:	02:51:02 AM
DRY BTU @ 15.025:	992.5	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.6118		

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.
GPA Standard: GPA 2286-14
GC: SRI Instruments 8610 **Last Cal/Verify: 04/22/2024**
GC Method: C12+BTEX Gas

HARVEST MIDSTREAM

WELL ANALYSIS COMPARISON

Lease:	Rosa CDP; Station Suction Inlet	Station Suction Inlet	04/22/2024
Stn. No.:			33700-12090
Mtr. No.:			

Smpl Date:	04/16/2024
Test Date:	04/18/2024
Run No:	HM20240026
Nitrogen:	0.2189
CO2:	5.0245
Methane:	93.4520
Ethane:	1.1553
Propane:	0.0991
I-Butane:	0.0164
N-Butane:	0.0070
2,2 dmc3:	0.0234
I-Pentane:	0.0021
N-Pentane:	0.0012
Neohexane:	0.0000
2-3-	0.0000
Cyclopentane:	0.0000
2-Methylpentane:	0.0000
3-Methylpentane:	0.0000
C6:	0.0000
Methylcyclopentane:	0.0000
Benzene:	0.0000
Cyclohexane:	0.0000
2-Methylhexane:	0.0000
3-Methylhexane:	0.0000
2-2-4-	0.0000
i-heptanes:	0.0000
Heptane:	0.0000
Methylcyclohexane:	0.0000
Toluene:	0.0000
2-Methylheptane:	0.0000
4-Methylheptane:	0.0000
i-Octanes:	0.0000
Octane:	0.0000
Ethylbenzene:	0.0000
m, p Xylene:	0.0000
o Xylene (& 2,2,4	0.0000
i-C9:	0.0000
C9:	0.0000
i-C10:	0.0000
C10:	0.0000
i-C11:	0.0000
C11:	0.0000
C12P:	0.0000
BTU:	973.0
GPM:	17.1020
SPG:	0.6118

2030 Afton Place, Farmington, NM 87401 - (505) 325-6622

504

GAS ANALYSIS SERVICE

C6+ ☐ C6+w/H2S ☐ C9+ ☐ C12+ BTEX ☑

Helium ☐ Sulfurs ☐ Ext. Liquid ☐

Other _____ Date 4.16.24

Sampled By:(Co.) Harvest Midstream Time 1345 ☐AM ☑PM

Sampled by:(Person) Daniel Longo Well Flowing: ☐ Yes ☐ No

Company: _____ Heat Trace: ☐ Yes ☑ No

Well Name: N/C Flow Pressure (PSIG): 58 #

API #: _____ Flow Temp (°F): 51°

Lease#: Rosa CDP Ambient Temp (°F): 64°

County: San Juan State: N.M Formation: _____ Flow Rate (MCF/D): 11.3

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☑ Other Station Suction Inlet

Sample Type: ☐ Spot ☐ Composite Sample Method: ☐ Purge & Fill ☐ Other _____

Meter Number: _____ Cylinder Number: 9001

Contact: Environmental Dept.

Remarks: 33700-12090 HM20240026

Line Leak Calc

Orifice Diameter	1.000	inches
Pressure	80	psig
Time/date Discovered	12/23/2024 11:00	
Time/date Isolated	12/23/2024 13:00	
Total Hours Blown	2.00	hours
Area of Orifice	0.785	sq. inches
Lost Gas From Line Leak	**160.00**	**Mcf**

Blowdown Calc

Length	850	feet
Actual Pipe OD	4.500	inches
Wall Thickness	0.156	inches
Pressure	80	psig
Lost Gas From Blowdown	**0.44**	**Mcf**

Total Gas Loss	**160.44**	**Mcf**

Notes:
Lost Gas=(Orifice Diameter)^2*Pressure*Time Blown
Lost Gas=(Inside Diameter)^2*Pressure*Length*0.372/1000000

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 417821
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 417821
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	*Unavailable.*
Incident Facility	**[fAPP2123052765] HARVEST FOUR CORNERS GATHER SYSTEM**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
Was this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare event	**Yes, minor venting and/or flaring of natural gas.**
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there **at least 50 MCF** of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of **ANY** liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the vent or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	*Not answered.*
Additional details for Equipment Involved. Please specify	*Not answered.*

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	93
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	5
Oxygen (02) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage 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.*
Oxygen (02) percentage quality requirement	*Not answered.*

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 417821
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/23/2024
Time vent or flare was discovered or commenced	11:00 AM
Time vent or flare was terminated	01:00 PM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other | Pipeline (Any) | Natural Gas Vented | Released: 160 Mcf | Recovered: 0 Mcf | Lost: 160 Mcf.
Natural Gas Flared (Mcf) Details	*Not answered.*
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	No
Was notification of downstream activity received by this operator	*Not answered.*
Downstream OGRID that should have notified this operator	*Not answered.*
Date notified of downstream activity requiring this vent or flare	*Not answered.*
Time notified of downstream activity requiring this vent or flare	*Not answered.*

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.	True
Please explain reason for why this event was beyond this operator's control	A Blade operator struck pipeline while blading road, pipeline was marked.
Steps taken to limit the duration and magnitude of vent or flare	Line was shut in as soon as possible
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Pipeline has been lowered to prevent reoccurrence.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 417821
	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.
☑	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 417821
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
chadsnell	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.	1/7/2025