



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

Analysis No: HM20240025
Cust No: 33700-12085

Well/Lease Information

Customer Name:	HARVEST MIDSTREAM	Source:	Fuel Header
Well Name:	Trunk N CDP; Fuel Header	Well Flowing:	
County/State:	San Juan NM	Pressure:	135 PSIG
Location:		Flow Temp:	83 DEG. F
Lease/PA/CA:		Ambient Temp:	66 DEG. F
Formation:		Flow Rate:	152 MCF/D
Cust. Stn. No.:		Sample Method:	Purge & Fill
		Sample Date:	04/17/2024
		Sample Time:	12.00 PM
		Sampled By:	Daniel Lovato
		Sampled by (CO):	Harvest
Heat Trace:	N		
Remarks:	Calculated Molecular Weight:		

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1812	0.1813	0.0200	0.00	0.0018
CO2	6.2040	6.2067	1.0610	0.00	0.0943
Methane	92.5561	92.5965	15.7220	934.82	0.5127
Ethane	0.8555	0.8559	0.2290	15.14	0.0089
Propane	0.1279	0.1280	0.0350	3.22	0.0019
Iso-Butane	0.0169	0.0169	0.0060	0.55	0.0003
N-Butane	0.0259	0.0259	0.0080	0.84	0.0005
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0085	0.0085	0.0030	0.34	0.0002
N-Pentane	0.0046	0.0046	0.0020	0.18	0.0001
Neohexane	0.0000	N/R	0.0000	0.00	0.0000
2-3-Dimethylbutane	0.0003	N/R	0.0000	0.01	0.0000
Cyclopentane	0.0003	N/R	0.0000	0.01	0.0000
2-Methylpentane	0.0021	N/R	0.0010	0.10	0.0001
3-Methylpentane	0.0008	N/R	0.0000	0.04	0.0000
C6	0.0024	0.0193	0.0010	0.11	0.0001
Methylcyclopentane	0.0018	N/R	0.0010	0.08	0.0001
Benzene	0.0003	N/R	0.0000	0.01	0.0000
Cyclohexane	0.0008	N/R	0.0000	0.04	0.0000
2-Methylhexane	0.0003	N/R	0.0000	0.02	0.0000
3-Methylhexane	0.0001	N/R	0.0000	0.01	0.0000
2-2-4-Trimethylpentane	0.0001	N/R	0.0000	0.01	0.0000
i-heptanes	0.0000	N/R	0.0000	0.00	0.0000
Heptane	0.0012	N/R	0.0010	0.07	0.0000

Methylcyclohexane	0.0031	N/R	0.0010	0.16	0.0001
Toluene	0.0010	N/R	0.0000	0.04	0.0000
2-Methylheptane	0.0005	N/R	0.0000	0.03	0.0000
4-Methylheptane	0.0002	N/R	0.0000	0.01	0.0000
i-Octanes	0.0004	N/R	0.0000	0.02	0.0000
Octane	0.0008	N/R	0.0000	0.05	0.0000
Ethylbenzene	0.0001	N/R	0.0000	0.01	0.0000
m, p Xylene	0.0007	N/R	0.0000	0.04	0.0000
o Xylene (& 2,2,4 tmc7)	0.0001	N/R	0.0000	0.01	0.0000
i-C9	0.0004	N/R	0.0000	0.03	0.0000
C9	0.0002	N/R	0.0000	0.01	0.0000
i-C10	0.0007	N/R	0.0000	0.05	0.0000
C10	0.0002	N/R	0.0000	0.02	0.0000
i-C11	0.0000	N/R	0.0000	0.00	0.0000
C11	0.0001	N/R	0.0000	0.01	0.0000
C12P	0.0002	N/R	0.0000	0.02	0.0000
Total	100.00	100.044	17.091	956.10	0.6214

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0022	CYLINDER #:	8098
BTU/CU.FT IDEAL:	958.3	CYLINDER PRESSURE:	136 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	960.4	ANALYSIS DATE:	04/18/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	943.7	ANALYSIS TIME:	01:45:12 PM
DRY BTU @ 15.025:	979.6	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.6225		

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: Trunk N CDP; Fuel Header

Fuel Header

04/22/2024

Stn. No.:

33700-12085

Mtr. No.:

Smpl Date:	04/17/2024
Test Date:	04/18/2024
Run No:	HM20240025
Nitrogen:	0.1812
CO2:	6.2040
Methane:	92.5561
Ethane:	0.8555
Propane:	0.1279
I-Butane:	0.0169
N-Butane:	0.0259
2,2 dmc3:	0.0000
I-Pentane:	0.0085
N-Pentane:	0.0046
Neohexane:	0.0000
2-3-	0.0003
Cyclopentane:	0.0003
2-Methylpentane:	0.0021
3-Methylpentane:	0.0008
C6:	0.0024
Methylcyclopentane:	0.0018
Benzene:	0.0003
Cyclohexane:	0.0008
2-Methylhexane:	0.0003
3-Methylhexane:	0.0000
2-2-4-	0.0001
i-heptanes:	0.0000
Heptane:	0.0012
Methylcyclohexane:	0.0031
Toluene:	0.0010
2-Methylheptane:	0.0005
4-Methylheptane:	0.0002
i-Octanes:	0.0004
Octane:	0.0008
Ethylbenzene:	0.0001
m, p Xylene:	0.0007
o Xylene (& 2,2,4	0.0001
i-C9:	0.0004
C9:	0.0002
i-C10:	0.0007
C10:	0.0002
i-C11:	0.0000
C11:	0.0001
C12P:	0.0002
BTU:	960.4
GPM:	17.0950
SPG:	0.6225

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136#



C6+ ☐ C6+w/H2S ☐ C9+ ☐ C12+ BTEX ☐
Helium ☐ Sulfurs ☐ Ext. Liquid ☐
Other _____

Date 4.17.24
Time 1200 ☐ AM ☒ PM

Sampled By: (Co.) Harvest midstream
Sampled by: (Person) Daniel L. Wood

Well Flowing: ☐ Yes ☒ No

Company: _____ Heat Trace: ☐ Yes ☒ No

Well Name: _____ Flow Pressure (PSIG): 135#

API #: _____ Flow Temp (°F): 83°

Lease#: Trunk N CDP Ambient Temp (°F): 66°

County: San Juan State: N-M Formation: _____ Flow Rate (MCF/D): 152 mcf

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☒ Other Fuel Header

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

Meter Number: _____ Cylinder Number: 8098

Contact: Environmental Dept

Remarks: 33700-17085 HAN20240025

Line Leak Calc

Orifice Diameter	0.283 inches
Pressure	48 psig
Time/date Discovered	1/16/2025 13:00
Time/date Isolated	1/16/2025 16:43
Total Hours Blown	3.72 hours
Area of Orifice	0.063 sq. inches

Lost Gas From Line Leak	14.30 Mcf
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Blowdown Calc

Length	13,680 feet
Actual Pipe OD	16.000 inches
Wall Thickness	0.25 inches
Pressure	48 psig

Lost Gas From Blowdown	58.69 Mcf
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Total Gas Loss	72.98 Mcf
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Notes:

Lost Gas=(Orifice Diameter)^2*Pressure*Time Blown

Lost Gas=(Inside Diameter)^2*Pressure*Length*0.372/1000000

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General Information
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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

DEFINITIONS

Action 422671

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 422671
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none">• 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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QUESTIONS

Action 422671

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 422671
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2123052765] HARVEST FOUR CORNERS GATHER SYSTEM
<i>Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.</i>	

Determination of Reporting Requirements	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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.
<i>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.</i>	
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Pipeline (Any)
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	93
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	6
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 422671

QUESTIONS (continued)

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	Action Number: 422671
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	01/16/2025
Time vent or flare was discovered or commenced	01:00 PM
Time vent or flare was terminated	04:43 PM
Cumulative hours during this event	4

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Vehicular Accident Pipeline (Any) Natural Gas Vented Released: 73 Mcf Recovered: 0 Mcf Lost: 73 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	
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	Blade equipment that was out blading for another company struck pipeline while blading road.
Steps taken to limit the duration and magnitude of vent or flare	Several pipeline operators were onsite to get pipeline shut in as soon as possible
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Harvest is looking at lowering the pipeline.

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ACKNOWLEDGMENTS

Action 422671

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	Action Number: 422671
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending 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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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 422671

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Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 422671
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
chadsnell	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	1/21/2025