



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

Analysis No: HM20240055
 Cust No: 33700-10690

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
 Well Name: Laguna A-59
 County/State:
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.: 02013-01

Source:
 Well Flowing:
 Pressure: 407 PSIA
 Flow Temp: 83.8 DEG. F
 Ambient Temp: DEG. F
 Flow Rate: MCF/D
 Sample Method:
 Sample Date: 07/30/2024
 Sample Time: 12.50 PM
 Sampled By: Dakota W.
 Sampled by (CO): Harvest

Heat Trace:
 Remarks: Calculated Molecular Weight: 17.05

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0913	0.0906	0.0100	0.00	0.0009
CO2	3.4459	3.4204	0.5890	0.00	0.0524
Methane	96.2321	95.5209	16.3440	971.94	0.5330
Ethane	0.2308	0.2291	0.0620	4.08	0.0024
Propane	0.0000	0.0000	0.0000	0.00	0.0000
Iso-Butane	0.0000	0.0000	0.0000	0.00	0.0000
N-Butane	0.0000	0.0000	0.0000	0.00	0.0000
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
N-Pentane	0.0000	0.0000	0.0000	0.00	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	99.261	17.005	976.03	0.5887

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0021	CYLINDER #:	1026
BTU/CU.FT IDEAL:	978.3	CYLINDER PRESSURE:	337 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	980.3	ANALYSIS DATE:	07/31/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	963.2	ANALYSIS TIME:	12:30:09 PM
DRY BTU @ 15.025:	999.9	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.5897		

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: 08/01/2024

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: Laguna A-59
Stn. No.: 02013-01
Mtr. No.:

08/01/2024
 33700-10690

Smpl Date:	07/30/2024	08/24/2022
Test Date:	07/31/2024	08/25/2022
Run No:	HM20240055	HM20220082
Nitrogen:	0.0913	0.0750
CO2:	3.4459	3.5456
Methane:	96.2321	96.1528
Ethane:	0.2308	0.2266
Propane:	0.0000	0.0000
I-Butane:	0.0000	0.0000
N-Butane:	0.0000	0.0000
2,2 dmc3:	0.0000	0.0000
I-Pentane:	0.0000	0.0000
N-Pentane:	0.0000	0.0000
Neohexane:	0.0000	0.0000
2-3-	0.0000	0.0000
Cyclopentane:	0.0000	0.0000
2-Methylpentane:	0.0000	0.0000
3-Methylpentane:	0.0000	0.0000
C6:	0.0000	0.0000
Methylcyclopentane:	0.0000	0.0000
Benzene:	0.0000	0.0000
Cyclohexane:	0.0000	0.0000
2-Methylhexane:	0.0000	0.0000
3-Methylhexane:	0.0000	0.0000
2-2-4-	0.0000	0.0000
i-heptanes:	0.0000	0.0000
Heptane:	0.0000	0.0000
Methylcyclohexane:	0.0000	0.0000
Toluene:	0.0000	0.0000
2-Methylheptane:	0.0000	0.0000
4-Methylheptane:	0.0000	0.0000
i-Octanes:	0.0000	0.0000
Octane:	0.0000	0.0000
Ethylbenzene:	0.0000	0.0000
m, p Xylene:	0.0000	0.0000
o Xylene (& 2,2,4	0.0000	0.0000
i-C9:	0.0000	0.0000
C9:	0.0000	0.0000
i-C10:	0.0000	0.0000
C10:	0.0000	0.0000
i-C11:	0.0000	0.0000
C11:	0.0000	0.0000
C12P:	0.0000	0.0000
BTU:	980.3	979.5
GPM:	17.0050	17.0060
SPG:	0.5897	0.5905

33200-10690 327#

Location of Sample: A59 / Laguna		Meter Code & CK Digit:
Continuous Sampler Beginning Date:	Ending Date or Date Pulled: 07/30/24	
Run Number: East	Operator Code: Mechanic	Line PSIG: 407 psia
Cylinder Number: FCA 1026	Type Sample: <input checked="" type="checkbox"/> Spot <input type="checkbox"/> Continuous	Flow Temp.: 83°F
Remarks:		
HM 20240055		
Sample Taken By: Dakota Wyckoff		Phone Number: (505) 419-5247
Bottle # 1026		

Line Leak Calc

Orifice Diameter	1.500 inches
Pressure	560 psig
Time/date Discovered	2/25/2025 12:00
Time/date Isolated	2/25/2025 12:30
Total Hours Blown	0.50 hours
Area of Orifice	1.767 sq. inches

Lost Gas From Line Leak 630.00 Mcf

Blowdown Calc

Length	0 feet
Actual Pipe OD	6.625 inches
Wall Thickness	0.188 inches
Pressure	560 psig

Lost Gas From Blowdown 0.00 Mcf

Total Gas Loss	630.00 Mcf
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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
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Online Phone Directory
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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 440314

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 440314
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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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QUESTIONS

Action 440314

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 440314
	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	[FCS1900350062] LATERAL A-59 COMPRESSOR STATION
<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, major 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	Coupling
Additional details for Equipment Involved. Please specify	1.5" nipple between cylinders on a glycol pump broke

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	96
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	3
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 440314

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 440314
	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	02/25/2025
Time vent or flare was discovered or commenced	11:00 AM
Time vent or flare was terminated	11:30 AM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure Coupling Natural Gas Vented Released: 630 Mcf Recovered: 0 Mcf Lost: 630 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	1.5" nipple between cylinders on glycol pump broke. No signs of wear prior
Steps taken to limit the duration and magnitude of vent or flare	Nipple was isolated immediately after discovery
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	A new nipple was installed in place of the failed one.

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ACKNOWLEDGMENTS

Action 440314

ACKNOWLEDGMENTS

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	Action Number: 440314
	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 440314

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 440314
	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.	3/7/2025