



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

Analysis No: HM20240019  
Cust No: 33700-12070

### Well/Lease Information

Customer Name: HARVEST MIDSTREAM  
Well Name: La Jara Station; Inlet  
County/State: Rio Arriba NM  
Location:  
Lease/PA/CA:  
Formation:  
Cust. Stn. No.:

Source: Inlet  
Well Flowing: Y  
Pressure: 170 PSIG  
Flow Temp: 56 DEG. F  
Ambient Temp: 60 DEG. F  
Flow Rate: 223,450 MCF/D  
Sample Method: Purge & Fill  
Sample Date: 03/20/2024  
Sample Time: 2.12 PM  
Sampled By: Ryan Antonson  
Sampled by (CO): Harvest

Heat Trace: N  
Remarks: Calculated Molecular Weight = 19.1606

### Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.3521	0.3468	0.0390	0.00	0.0034
CO2	2.3438	2.3084	0.4010	0.00	0.0356
Methane	87.4222	86.1012	14.8580	882.96	0.4842
Ethane	5.4022	5.3206	1.4480	95.60	0.0561
Propane	2.6404	2.6005	0.7290	66.44	0.0402
Iso-Butane	0.4583	0.4514	0.1500	14.90	0.0092
N-Butane	0.7218	0.7109	0.2280	23.55	0.0145
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.2452	0.2415	0.0900	9.81	0.0061
N-Pentane	0.1803	0.1776	0.0660	7.23	0.0045
Neohexane	0.0058	N/R	0.0020	0.27	0.0002
2-3-Dimethylbutane	0.0070	N/R	0.0030	0.33	0.0002
Cyclopentane	0.0073	N/R	0.0020	0.27	0.0002
2-Methylpentane	0.0473	N/R	0.0200	2.25	0.0014
3-Methylpentane	0.0168	N/R	0.0070	0.80	0.0005
C6	0.0489	0.2300	0.0200	2.33	0.0015
Methylcyclopentane	0.0302	N/R	0.0110	1.36	0.0009
Benzene	0.0049	N/R	0.0010	0.18	0.0001
Cyclohexane	0.0136	N/R	0.0050	0.61	0.0004
2-Methylhexane	0.0052	N/R	0.0020	0.28	0.0002
3-Methylhexane	0.0049	N/R	0.0020	0.27	0.0002
2-2-4-Trimethylpentane	0.0007	N/R	0.0000	0.04	0.0000
i-heptanes	0.0030	N/R	0.0010	0.16	0.0001
Heptane	0.0093	N/R	0.0040	0.51	0.0003

Methylcyclohexane	0.0173	N/R	0.0070	0.90	0.0006
Toluene	0.0051	N/R	0.0020	0.23	0.0002
2-Methylheptane	0.0014	N/R	0.0010	0.09	0.0001
4-Methylheptane	0.0007	N/R	0.0000	0.04	0.0000
i-Octanes	0.0005	N/R	0.0000	0.03	0.0000
Octane	0.0013	N/R	0.0010	0.08	0.0001
Ethylbenzene	0.0001	N/R	0.0000	0.01	0.0000
m, p Xylene	0.0008	N/R	0.0000	0.04	0.0000
o Xylene (& 2,2,4 tmc7)	0.0002	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	0.0004	N/R	0.0000	0.03	0.0000
C10	0.0001	N/R	0.0000	0.01	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	98.489	18.100	1111.67	0.6609

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0028	CYLINDER #:	1678
BTU/CU.FT IDEAL:	1114.2	CYLINDER PRESSURE:	186 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1117.4	ANALYSIS DATE:	03/25/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1098.0	ANALYSIS TIME:	01:47:10 AM
DRY BTU @ 15.025:	1139.8	ANALYSIS RUN BY:	PATRICIA KING
REAL SPECIFIC GRAVITY:	0.6625		

**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: 03/25/2024**

**GC Method: C12+BTEX Gas**



HARVEST MIDSTREAM  
WELL ANALYSIS COMPARISON

**Lease:** La Jara Station; Inlet

Inlet

03/25/2024

**Stn. No.:**

33700-12070

**Mtr. No.:**

Smpl Date:	03/20/2024
Test Date:	03/25/2024
Run No:	HM20240019
Nitrogen:	0.3521
CO2:	2.3438
Methane:	87.4222
Ethane:	5.4022
Propane:	2.6404
I-Butane:	0.4583
N-Butane:	0.7218
2,2 dmc3:	0.0000
I-Pentane:	0.2452
N-Pentane:	0.1803
Neohexane:	0.0058
2-3-	0.0070
Cyclopentane:	0.0073
2-Methylpentane:	0.0473
3-Methylpentane:	0.0168
C6:	0.0489
Methylcyclopentane:	0.0302
Benzene:	0.0049
Cyclohexane:	0.0136
2-Methylhexane:	0.0052
3-Methylhexane:	0.0000
2-2-4-	0.0007
i-heptanes:	0.0030
Heptane:	0.0093
Methylcyclohexane:	0.0173
Toluene:	0.0051
2-Methylheptane:	0.0014
4-Methylheptane:	0.0007
i-Octanes:	0.0005
Octane:	0.0013
Ethylbenzene:	0.0001
m, p Xylene:	0.0008
o Xylene (& 2,2,4	0.0002
i-C9:	0.0004
C9:	0.0002
i-C10:	0.0004
C10:	0.0001
i-C11:	0.0000
C11:	0.0000
C12P:	0.0000
BTU:	1117.4
GPM:	18.1130
SPG:	0.6625

2030 Afton Place, Farmington, NM 87401 - (505) 325-6622 186#


**GAS  
ANALYSIS  
SERVICE**
C6+ ☐ C6+W/H2S ☐ C9+ ☐ C12+ BTEX ☐Helium ☐ Sulfurs ☐ Ext. Liquid ☐

Other \_\_\_\_\_

From Core  
Date 3-20-24 DL

Sampled By: (Co.) Harvest Midstream

Time N/A PM ☐ AM ☐ PM

Sampled by: (Person) Ryan Antonson

Well Flowing: ☒ Yes ☐ No

Company: Harvest Midstream

Heat Trace: ☐ Yes ☒ No

Well Name: La Jara Station

Flow Pressure (PSIG): 170

API #: \_\_\_\_\_

Flow Temp (°F): 56

Lease#: \_\_\_\_\_

Ambient Temp (°F): 60

County: Rio Arriba State: NM

Formation: \_\_\_\_\_

Flow Rate (MCF/D): 223,450

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☒ Other Station InletSample Type: ☒ Spot ☐ Composite Sample Method: ☒ Purge & Fill ☐ Other \_\_\_\_\_

Meter Number: \_\_\_\_\_

Cylinder Number: 1678

Contact: Harvest Midstream

Remarks: 33700-12070

HM 20240019

**Line Leak Calc**

Orifice Diameter	2.000	inches
Pressure	190	psig
Time/date Discovered	3/19/2025 6:00	
Time/date Isolated	3/19/2025 7:00	
Total Hours Blown	1.00	hours
Area of Orifice	3.142	sq. inches

**Lost Gas From Line Leak                      760.000 Mcf**

**Blowdown Calc**

Length		feet
Actual Pipe OD		inches
Wall Thickness		inches
Pressure	190	psig

**Lost Gas From Blowdown                      0.000 Mcf**

<b>Total Gas Loss</b>	<b>760.00 Mcf</b>
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Lost Gas=(Orifice Diameter)^2\*Pressure\*Time Blown

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

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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 446721

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 446721
	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"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 446721

**QUESTIONS**

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 446721
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**QUESTIONS**

<b>Prerequisites</b>	
<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	[fCS00000000129] WFS LA JARA CS
<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>	

<b>Determination of Reporting Requirements</b>	
<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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Other (Specify)
Additional details for Equipment Involved. Please specify	Turbine Unit 1A suction valve did not close all the way during esd event causing gas to vent out of the vent stack/valve of the turbine.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	87
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	2
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 446721

**QUESTIONS (continued)**

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 446721
	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	03/19/2025
Time vent or flare was discovered or commenced	06:00 AM
Time vent or flare was terminated	07:00 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   Gas Compressor Station   Natural Gas Vented   Released: 760 Mcf   Recovered: 0 Mcf   Lost: 760 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	La Jara station ESD on "discharge ESD valve fail" due to loose wiring. One of the onsite turbines suction valve did not completely close, causing gas to release from vent line.
Steps taken to limit the duration and magnitude of vent or flare	Operators got suction valve shut as quickly as possible
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The issue with the suction valve has been resolved





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ACKNOWLEDGMENTS

Action 446721

**ACKNOWLEDGMENTS**

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 446721
	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 446721

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 446721
	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.	3/28/2025