



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

Analysis No: HM20250104  
Cust No: 33700-12460

### Well/Lease Information

Customer Name: HARVEST MIDSTREAM  
Well Name: 32-7 CDP; Dehy Inlet  
County/State: San Juan NM  
Location:  
Lease/PA/CA:  
Formation:  
Cust. Stn. No.:

Source: Dehy Inlet  
Well Flowing:  
Pressure: 754 PSIG  
Flow Temp: 122 DEG. F  
Ambient Temp: 86 DEG. F  
Flow Rate: 52.3 MCF/D  
Sample Method: Purge & Fill  
Sample Date: 07/17/2025  
Sample Time: 1.30 PM  
Sampled By: Daniel Lovato  
Sampled by (CO): Harvest

Heat Trace:

Remarks: Calculated Molecular Weight:17.7003

### Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0640	0.0631	0.0070	0.00	0.0006
CO2	5.6862	5.6075	0.9720	0.00	0.0864
Methane	93.8821	92.5827	15.9470	948.21	0.5200
Ethane	0.3385	0.3338	0.0910	5.99	0.0035
Propane	0.0110	0.0108	0.0030	0.28	0.0002
Iso-Butane	0.0059	0.0058	0.0020	0.19	0.0001
N-Butane	0.0069	0.0068	0.0020	0.22	0.0001
Neopentane 2,2 dmc3	0.0013	0.0013	0.0010	0.05	0.0000
I-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
N-Pentane	0.0019	0.0019	0.0010	0.08	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	0.0002	N/R	0.0000	0.01	0.0000
3-Methylpentane	0.0000	N/R	0.0000	0.00	0.0000
C6	0.0002	0.0022	0.0000	0.01	0.0000
Methylcyclopentane	0.0002	N/R	0.0000	0.01	0.0000
Benzene	0.0001	N/R	0.0000	0.00	0.0000
Cyclohexane	0.0001	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	0.0002	N/R	0.0000	0.01	0.0000

Methylcyclohexane	0.0003	N/R	0.0000	0.02	0.0000
Toluene	0.0002	N/R	0.0000	0.01	0.0000
2-Methylheptane	0.0001	N/R	0.0000	0.01	0.0000
4-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
i-Octanes	0.0001	N/R	0.0000	0.01	0.0000
Octane	0.0001	N/R	0.0000	0.01	0.0000
Ethylbenzene	0.0001	N/R	0.0000	0.01	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	0.0001	N/R	0.0000	0.01	0.0000
C9	0.0001	N/R	0.0000	0.01	0.0000
i-C10	0.0001	N/R	0.0000	0.01	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
Helium	0.0000	N/R	0.0000	0.00	0.0000
Total	100.00	98.616	17.026	955.14	0.6111

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z):	1.0022	CYLINDER #:	21
BTU/CU.FT IDEAL:	957.3	CYLINDER PRESSURE:	725 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	959.5	ANALYSIS DATE:	07/28/2025
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	942.8	ANALYSIS TIME:	07:07:20 AM
DRY BTU @ 15.025:	978.7	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.6122		

**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: 07/30/2025**

**GC Method: C12+BTEX Gas**



HARVEST MIDSTREAM  
WELL ANALYSIS COMPARISON

**Lease:** 32-7 CDP; Dehy Inlet

Dehy Inlet

07/30/2025

**Stn. No.:**

33700-12460

**Mtr. No.:**

Smpl Date: 07/17/2025  
 Test Date: 07/28/2025  
 Run No: HM20250104

Nitrogen: 0.0640  
 CO2: 5.6862  
 Methane: 93.8821  
 Ethane: 0.3385  
 Propane: 0.0110  
 I-Butane: 0.0059  
 N-Butane: 0.0069  
 2,2 dmc3: 0.0013  
 I-Pentane: 0.0000  
 N-Pentane: 0.0019  
 Neohexane: 0.0000  
 2-3-: 0.0000  
 Cyclopentane: 0.0000  
 2-Methylpentane: 0.0002  
 3-Methylpentane: 0.0000  
 C6: 0.0002  
 Methylcyclopentane: 0.0002  
 Benzene: 0.0001  
 Cyclohexane: 0.0001  
 2-Methylhexane: 0.0000  
 3-Methylhexane: 0.0000  
 2-2-4-: 0.0000  
 i-heptanes: 0.0000  
 Heptane: 0.0002  
 Methylcyclohexane: 0.0003  
 Toluene: 0.0002  
 2-Methylheptane: 0.0001  
 4-Methylheptane: 0.0000  
 i-Octanes: 0.0001  
 Octane: 0.0001  
 Ethylbenzene: 0.0001  
 m, p Xylene: 0.0000  
 o Xylene (& 2,2,4: 0.0000  
 i-C9: 0.0001  
 C9: 0.0001  
 i-C10: 0.0001  
 C10: 0.0000  
 i-C11: 0.0000  
 C11: 0.0000  
 C12P: 0.0000  
 Helium: 0.0000  
 BTU: 959.5  
 GPM: 17.0260  
 SPG: 0.6122

4th Floor, Farmington, NM 87401 - (505) 325-6622 **725#**

☐ 5+ ☐ **C6+w/H2S** ☐ C9+ ☒ C12+ BTEX ☐  
☒ Helium ☐ Sulfurs ☐ Ext. Liquid ☐  
**IS** Other                      Date 7/17/25 ☐ AM ☒ PM  
Harriet Mascheron Time 1330  
Daniel Lavoie Well Flowing: ☐ Yes ☐ No  
son) N/C Heat Trace: ☐ Yes ☐ No  
Flow Pressure (PSIG): 754#  
Flow Temp (°F): 122°  
Ambient Temp (°F): 86°  
Flow Rate (MCF/D): 52.3 mm  
Run State: N.M. Formation: # DRY Tubel  
r Run ☐ Tubing ☐ Casing ☐ Bradenhead ☒ Other                       
Spot ☐ Composite Sample Method: ☒ Purge & Fill ☐ Other                       
Cylinder Number: #21  
Environmental Dept  
0-12460 HM2025004

2-Methylheptane	7.0220	0.0000	N/D	118	8.006
Octane	13.0893	0.0000	N/D	126	8.503

**Line Leak Calc**

Orifice Diameter	2.000	inches
Pressure	230	psig
Time/date Discovered	11/6/2025 18:10	
Time/date Isolated	11/6/2025 19:03	
Total Hours Blown	0.88	hours
Area of Orifice	3.142	sq. inches

**Lost Gas From Line Leak                      812.667 Mcf**

**Blowdown Calc**

Length		feet
Actual Pipe OD		inches
Wall Thickness		inches
Pressure	230	psig

**Lost Gas From Blowdown                      0.000 Mcf**

<b>Total Gas Loss                      812.67 Mcf</b>
-------------------------------------------------------

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 527046

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 527046
	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 527046

**QUESTIONS**

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 527046
	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	[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**

*Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional 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, 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

**Equipment Involved**

Primary Equipment Involved	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Compressors at 32-7 went shut down on high discharge pressure, the suction control valve closed but leaked by causing rupture disc to pop off.

**Representative Compositional Analysis of Vented or Flared Natural Gas**

*Please provide the mole percent for the percentage questions in this group.*

Methane (CH4) percentage	94
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 527046

**QUESTIONS (continued)**

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 527046
	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	11/06/2025
Time vent or flare was discovered or commenced	06:10 PM
Time vent or flare was terminated	07:03 PM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure   Gas Compressor Station   Natural Gas Vented   Released: 813 Mcf   Recovered: 0 Mcf   Lost: 813 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	The suction valve to the compressor closed at the time compressors shut down but was discovered to have leaked by causing pressure to build up popping off rupture disc once pressure reached a high enough set point.
Steps taken to limit the duration and magnitude of vent or flare	Mechanic found the issue and shut in manual block valve to stop the release
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	the leaking suction valve was fixed to prevent compressor to pressure up. Rupture disc operated by design to relive high pressure.





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ACKNOWLEDGMENTS

Action 527046

**ACKNOWLEDGMENTS**

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 527046
	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 527046

CONDITIONS

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	Action Number: 527046
	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.	11/17/2025