



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

Analysis No: HM20250038
Cust No: 33700-10445

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
 Well Name: 30-5 CDP
 County/State: RIO ARRIBA NM
 Location:
 Lease/PA/CA:
 Formation:
 Cust. Stn. No.:
 Heat Trace: N
 Remarks: Calculated Molecular Weight: 17.8403

Source: METER RUN
 Well Flowing: Y
 Pressure: 55 PSIG
 Flow Temp: 49 DEG. F
 Ambient Temp: 50 DEG. F
 Flow Rate: 7.6 MCF/D
 Sample Method: Purge & Fill
 Sample Date: 03/31/2025
 Sample Time: 10.00 AM
 Sampled By: Stratton Walter
 Sampled by (CO): Harvest

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.3724	0.3779	0.0410	0.00	0.0036
CO2	3.2686	3.3165	0.5590	0.00	0.0497
Methane	92.3723	93.7269	15.6920	932.96	0.5116
Ethane	2.7851	2.8259	0.7460	49.29	0.0289
Propane	0.7316	0.7423	0.2020	18.41	0.0111
Iso-Butane	0.1279	0.1298	0.0420	4.16	0.0026
N-Butane	0.1411	0.1432	0.0450	4.60	0.0028
Neopentane 2,2 dmc3	0.0293	0.0297	0.0110	1.17	0.0007
I-Pentane	0.0559	0.0567	0.0200	2.24	0.0014
N-Pentane	0.0387	0.0393	0.0140	1.55	0.0010
Neohexane	0.0016	N/R	0.0010	0.08	0.0000
2-3-Dimethylbutane	0.0013	N/R	0.0010	0.06	0.0000
Cyclopentane	0.0014	N/R	0.0000	0.05	0.0000
2-Methylpentane	0.0088	N/R	0.0040	0.42	0.0003
3-Methylpentane	0.0033	N/R	0.0010	0.16	0.0001
C6	0.0092	0.0783	0.0040	0.44	0.0003
Methylcyclopentane	0.0078	N/R	0.0030	0.35	0.0002
Benzene	0.0012	N/R	0.0000	0.04	0.0000
Cyclohexane	0.0043	N/R	0.0010	0.19	0.0001
2-Methylhexane	0.0015	N/R	0.0010	0.08	0.0001
3-Methylhexane	0.0019	N/R	0.0010	0.10	0.0001
2-2-4-Trimethylpentane	0.0006	N/R	0.0000	0.04	0.0000
i-heptanes	0.0010	N/R	0.0000	0.05	0.0000
Heptane	0.0050	N/R	0.0020	0.28	0.0002

Methylcyclohexane	0.0117	N/R	0.0050	0.61	0.0004
Toluene	0.0036	N/R	0.0010	0.16	0.0001
2-Methylheptane	0.0025	N/R	0.0010	0.15	0.0001
4-Methylheptane	0.0011	N/R	0.0010	0.07	0.0000
i-Octanes	0.0019	N/R	0.0010	0.11	0.0001
Octane	0.0031	N/R	0.0020	0.19	0.0001
Ethylbenzene	0.0001	N/R	0.0000	0.01	0.0000
m, p Xylene	0.0022	N/R	0.0010	0.11	0.0001
o Xylene (& 2,2,4 tmc7)	0.0005	N/R	0.0000	0.03	0.0000
i-C9	0.0003	N/R	0.0000	0.02	0.0000
C9	0.0007	N/R	0.0000	0.05	0.0000
i-C10	0.0006	N/R	0.0000	0.04	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	0.0001	N/R	0.0000	0.01	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	101.466	17.403	1018.29	0.6160

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0023	CYLINDER #:	101
BTU/CU.FT IDEAL:	1020.6	CYLINDER PRESSURE:	54 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1023.0	ANALYSIS DATE:	04/02/2025
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1005.2	ANALYSIS TIME:	11:17:25 AM
DRY BTU @ 15.025:	1043.5	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.6171		

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: 04/03/2025

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: 30-5 CDP

METER RUN

04/03/2025

Stn. No.:

33700-10445

Mtr. No.:

Smpl Date:	03/31/2025	03/28/2024	03/14/2023	03/29/2022	03/29/2021	12/31/2020	03/31/2020
Test Date:	04/02/2025	04/02/2024	03/15/2023	03/30/2022	03/31/2021	01/05/2021	04/01/2020
Run No.:	HM20250038	HM20240020	HM20230011	HM20220007	HM2021017	HM210002	HM200016
Nitrogen:	0.3724	0.1182	0.0340	0.0929	0.0453	0.1404	0.0370
CO2:	3.2686	4.0284	19.5327	4.4341	21.0733	5.1083	20.5547
Methane:	92.3723	93.0435	79.7053	92.6844	78.2051	91.7603	78.7626
Ethane:	2.7851	1.9935	0.6538	1.9672	0.6147	2.1298	0.5922
Propane:	0.7316	0.5003	0.0742	0.4756	0.0547	0.5439	0.0535
I-Butane:	0.1279	0.0921	0.0000	0.0846	0.0027	0.1039	0.0000
N-Butane:	0.1411	0.0965	0.0000	0.0942	0.0042	0.1051	0.0000
2,2 dmc3:	0.0293	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
I-Pentane:	0.0559	0.0370	0.0000	0.0000	0.0000	0.0448	0.0000
N-Pentane:	0.0387	0.0234	0.0000	0.1020	0.0000	0.0305	0.0000
Neohexane:	0.0016	0.0014	0.0000	0.0012	0.0000	0.0009	0.0000
2-3-	0.0013	0.0011	0.0000	0.0011	0.0000	0.0007	0.0000
Cyclopentane:	0.0014	0.0012	0.0000	0.0011	0.0000	0.0007	0.0000
2-Methylpentane:	0.0088	0.0077	0.0000	0.0072	0.0000	0.0044	0.0000
3-Methylpentane:	0.0033	0.0029	0.0000	0.0025	0.0000	0.0016	0.0000
C6:	0.0092	0.0083	0.0000	0.0083	0.0000	0.0045	0.0000
Methylcyclopentane:	0.0078	0.0063	0.0000	0.0065	0.0000	0.0033	0.0000
Benzene:	0.0012	0.0014	0.0000	0.0014	0.0000	0.0009	0.0000
Cyclohexane:	0.0043	0.0034	0.0000	0.0039	0.0000	0.0022	0.0000
2-Methylhexane:	0.0015	0.0012	0.0000	0.0010	0.0000	0.0007	0.0000
3-Methylhexane:	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
2-2-4-	0.0006	0.0005	0.0000	0.0005	0.0000	0.0002	0.0000
i-heptanes:	0.0010	0.0009	0.0000	0.0008	0.0000	0.0005	0.0000
Heptane:	0.0050	0.0042	0.0000	0.0040	0.0000	0.0020	0.0000
Methylcyclohexane:	0.0117	0.0095	0.0000	0.0097	0.0000	0.0046	0.0000
Toluene:	0.0036	0.0026	0.0000	0.0028	0.0000	0.0011	0.0000
2-Methylheptane:	0.0025	0.0020	0.0000	0.0018	0.0000	0.0008	0.0000
4-Methylheptane:	0.0011	0.0009	0.0000	0.0008	0.0000	0.0004	0.0000
i-Octanes:	0.0019	0.0019	0.0000	0.0014	0.0000	0.0005	0.0000
Octane:	0.0031	0.0028	0.0000	0.0023	0.0000	0.0011	0.0000
Ethylbenzene:	0.0001	0.0001	0.0000	0.0001	0.0000	0.0000	0.0000
m, p Xylene:	0.0022	0.0020	0.0000	0.0018	0.0000	0.0005	0.0000
o Xylene (& 2,2,4	0.0005	0.0002	0.0000	0.0002	0.0000	0.0000	0.0000
i-C9:	0.0003	0.0009	0.0000	0.0007	0.0000	0.0001	0.0000
C9:	0.0007	0.0014	0.0000	0.0007	0.0000	0.0003	0.0000
i-C10:	0.0006	0.0006	0.0000	0.0013	0.0000	0.0001	0.0000
C10:	0.0001	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
i-C11:	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
C11:	0.0001	0.0000	0.0000	0.0003	0.0000	0.0001	0.0000
C12P:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Helium:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
BTU:	1023.0	1004.2	822.5	1000.7	806.3	994.2	811.3
GPM:	17.3950	17.2920	17.0840	17.2950	17.0810	17.3070	17.0780
SPG:	0.6171	0.6147	0.7482	0.6188	0.7629	0.6259	0.7576



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 C6+ C6+w/H2S C9+ C12+ BTEX Helium Sulfurs Ext. Liquid Other Extended GasDate 3/31/25Sampled By: (Co.) Harvest Midstream AM
Time 1000 PMSampled by: (Person) Stratton Walker Well Flowing: Yes NoCompany: Harvest Midstream Heat Trace: Yes NoWell Name: 30-5 C09 Flow Pressure (PSIG): 55 #API #: _____ Flow Temp (°F): 49°Lease #: _____ Ambient Temp (°F): 50°County: Rio Arriba State: NM Formation: _____ Flow Rate (MCF/D): 7.6Source: Meter Run Tubing Casing Bradenhead Other _____Sample Type: Spot Composite Sample Method: Purge & Fill Other _____Meter Number: _____ Cylinder Number: 101Contact: (505) 258-9028Remarks: Extended Inlet 305 Tube # 10133700-10445 HM 2025 0038

3-Feb-26

Enter One Value Only

SCFM

or

MMscf/d

or

lb/hr

Flow Required

MMscf/D

PSV Manufacturer: Axelson
 Orifice Size: 6.38 sq in
 Relief Pressure: 448 psig
 PSV Relief Capacity at Relief Pressure: 50,013 SCFM
 Duration: 156 min
 Gas Loss: 7,802 Mcf

448 Relieving Pressure (Psig)
 11.65 Atmospheric Pressure (Psia)
 90 Relieving Temp (F)
 0.68 Specific Gravity of Gas (SG)
 0.859 ASME Flow Coefficient (K)
 344 Gas Constant (C)
 6.38 Area (in**2)

Calculated Relief Valve Capacity	50,013	SCFM
	72.019	MMscf/d
	155,711	lb/hr
	-	Area (in**2)

Sizing Calculations

460 Relieving Pressure P (psia) (Selected Relieving Pressure Should Include Allowable Buildup.)
 610 Relieving Temp T (Deg R)

14.7 P base psia
 520 T base Deg R
 1.0 Z base
 1.0 Z relieving z (Can assume z = 1.0 to be conservative.)

19.7 Molecular Weight M =SG*MW of Air (28.964)
 0.05189 Gas Density lb/ft**3 =Pbase*(MW)/(Zbase*R(10.73)*Tbase) (At exit conditions, STP)

0.859 Flow Coefficient K (Use Manufacture's Coefficient)
 344 Gas Constant C (Normally 344 for .6 SG, Natural Gas)

- SCFM
 - MMscf/d
 - lb/hr

6.3800 Actual Flow Area A (in**2)

- Given SCFM solving for Area (in**2) = (SCFM*Density*60)/(K*C*P*(SQRT(M/zT)))
 - Given MMscf/d solving for Area (in**2) = (MMscfd*Density*1000000/24)/(K*C*P*(SQRT(M/zT)))
 - Given lb/hr solving for Area (in**2) = (lb/hr)/(K*C*P*(SQRT(M/zT)))

50,013 Given Area Solving for SCFM = (K*A*C*P)*(Density*60)*(SQRT(M/zT))
 72.019 Given Area Solving for MMscf/d = (K*A*C*P)*(Density*1000000/24)*(SQRT(M/zT))
 155,711 Given Area Solving for lb/hr = (K*A*C*P)*(SQRT(M/zT))

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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 549713

DEFINITIONS

Operator:	OGRID:
Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	373888
	Action Number:
	549713

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 549713

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 549713
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 ID (n#)	<i>Unavailable.</i>
Incident Name	<i>Unavailable.</i>
Incident Type	Flare
Incident Status	<i>Unavailable.</i>
Incident Facility	[fCS00000000050] WFS 30-5 #1COMPRESSOR STATION

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.

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.

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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved

Primary Equipment Involved	<i>Not answered.</i>
Additional details for Equipment Involved. Please specify	<i>Not answered.</i>

Representative Compositional Analysis of Vented or Flared Natural Gas

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

Methane (CH4) percentage	92
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

If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.

Methane (CH4) percentage quality requirement	<i>Not answered.</i>
Nitrogen (N2) percentage quality requirement	<i>Not answered.</i>
Hydrogen Sulfide (H2S) PPM quality requirement	<i>Not answered.</i>
Carbon Dioxide (CO2) percentage quality requirement	<i>Not answered.</i>
Oxygen (O2) percentage quality requirement	<i>Not answered.</i>

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QUESTIONS, Page 2

Action 549713

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 549713
	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	01/28/2026
Time vent or flare was discovered or commenced	07:33 AM
Time vent or flare was terminated	08:00 AM
Cumulative hours during this event	0

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: 7,802 Mcf Recovered: 0 Mcf Lost: 7,802 Mcf.
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Additional details for Measured or Estimated Volume(s). Please specify	<i>Not answered.</i>
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	<i>Not answered.</i>
Downstream OGRID that should have notified this operator	<i>Not answered.</i>
Date notified of downstream activity requiring this vent or flare	
Time notified of downstream activity requiring this vent or flare	<i>Not answered.</i>

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	Transwestern went down causing high line pressure.
Steps taken to limit the duration and magnitude of vent or flare	Once pressure was below the PRV setpoint it was isolated, reset, and tested. Pressures were continually monitored to verify it stayed below the set point.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Harvest will be conducting an incident investigation to help reduce reoccurrence.

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ACKNOWLEDGMENTS

Action 549713

ACKNOWLEDGMENTS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 549713
	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 549713

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 549713
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
agarbarini	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.	2/3/2026