



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

Analysis No: HM20250100
Cust No: 33700-10485

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: 32-8-1 PUMP MESA CDP
County/State: SAN JUAN NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: Dehy Outlet
Well Flowing:
Pressure: 915 PSIG
Flow Temp: 107 DEG. F
Ambient Temp: 92 DEG. F
Flow Rate: 20 MCF/D
Sample Method: Purge & Fill
Sample Date: 07/17/2025
Sample Time: 3.15 PM
Sampled By: DANIEL LOVATO
Sampled by (CO): HARVEST

Heat Trace:

Remarks: Calculated Molecular Weight: 20.7199

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0948	0.0951	0.0100	0.00	0.0009
CO2	15.1290	15.1764	2.5880	0.00	0.2299
Methane	82.7066	82.9656	14.0540	835.34	0.4581
Ethane	1.3547	1.3589	0.3630	23.97	0.0141
Propane	0.5237	0.5253	0.1450	13.18	0.0080
Iso-Butane	0.0506	0.0508	0.0170	1.65	0.0010
N-Butane	0.0555	0.0557	0.0180	1.81	0.0011
Neopentane 2,2 dmc3	0.0036	0.0036	0.0010	0.14	0.0001
I-Pentane	0.0401	0.0402	0.0150	1.60	0.0010
N-Pentane	0.0195	0.0196	0.0070	0.78	0.0005
Neohexane	0.0003	N/R	0.0000	0.01	0.0000
2-3-Dimethylbutane	0.0004	N/R	0.0000	0.02	0.0000
Cyclopentane	0.0004	N/R	0.0000	0.02	0.0000
2-Methylpentane	0.0027	N/R	0.0010	0.13	0.0001
3-Methylpentane	0.0011	N/R	0.0000	0.05	0.0000
C6	0.0031	0.0219	0.0010	0.15	0.0001
Methylcyclopentane	0.0022	N/R	0.0010	0.10	0.0001
Benzene	0.0005	N/R	0.0000	0.02	0.0000
Cyclohexane	0.0009	N/R	0.0000	0.04	0.0000
2-Methylhexane	0.0005	N/R	0.0000	0.03	0.0000
3-Methylhexane	0.0004	N/R	0.0000	0.02	0.0000
2-2-4-Trimethylpentane	0.0002	N/R	0.0000	0.01	0.0000
i-heptanes	0.0004	N/R	0.0000	0.02	0.0000
Heptane	0.0013	N/R	0.0010	0.07	0.0000

Methylcyclohexane	0.0026	N/R	0.0010	0.14	0.0001
Toluene	0.0016	N/R	0.0010	0.07	0.0001
2-Methylheptane	0.0005	N/R	0.0000	0.03	0.0000
4-Methylheptane	0.0003	N/R	0.0000	0.02	0.0000
i-Octanes	0.0003	N/R	0.0000	0.02	0.0000
Octane	0.0006	N/R	0.0000	0.04	0.0000
Ethylbenzene	0.0006	N/R	0.0000	0.03	0.0000
m, p Xylene	0.0001	N/R	0.0000	0.01	0.0000
o Xylene (& 2,2,4 tmc7)	0.0000	N/R	0.0000	0.00	0.0000
i-C9	0.0002	N/R	0.0000	0.01	0.0000
C9	0.0002	N/R	0.0000	0.01	0.0000
i-C10	0.0001	N/R	0.0000	0.01	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	0.0001	N/R	0.0000	0.01	0.0000
Helium	0.0000	N/R	0.0000	0.00	0.0000
Total	100.00	100.313	17.224	879.57	0.7154

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0026	CYLINDER #:	105
BTU/CU.FT IDEAL:	881.6	CYLINDER PRESSURE:	915 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	883.8	ANALYSIS DATE:	07/24/2025
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	868.4	ANALYSIS TIME:	01:55:19 AM
DRY BTU @ 15.025:	901.5	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.7169		

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: 32-8-1 PUMP MESA CDP

Dehy Outlet

07/30/2025

Stn. No.:

33700-10485

Mtr. No.:

Smpl Date:	07/17/2025	10/06/2021	05/01/2020
Test Date:	07/24/2025	10/08/2021	05/06/2020
Run No:	HM20250100	HM2021086	HM200037
Nitrogen:	0.0948	0.0744	0.0419
CO2:	15.1290	16.5854	17.9381
Methane:	82.7066	81.8132	80.6174
Ethane:	1.3547	1.1467	1.0604
Propane:	0.5237	0.2473	0.2148
I-Butane:	0.0506	0.0371	0.0385
N-Butane:	0.0555	0.0434	0.0329
2,2 dmc3:	0.0036	0.0000	0.0140
I-Pentane:	0.0401	0.0188	0.0179
N-Pentane:	0.0195	0.0147	0.0122
Neohexane:	0.0003	0.0003	0.0001
2-3-	0.0004	0.0003	0.0002
Cyclopentane:	0.0004	0.0003	0.0002
2-Methylpentane:	0.0027	0.0023	0.0014
3-Methylpentane:	0.0011	0.0011	0.0005
C6:	0.0031	0.0025	0.0014
Methylcyclopentane:	0.0022	0.0017	0.0010
Benzene:	0.0005	0.0006	0.0003
Cyclohexane:	0.0009	0.0010	0.0006
2-Methylhexane:	0.0005	0.0004	0.0003
3-Methylhexane:	0.0000	0.0000	0.0000
2-2-4-	0.0002	0.0002	0.0001
i-heptanes:	0.0004	0.0003	0.0002
Heptane:	0.0013	0.0013	0.0008
Methylcyclohexane:	0.0026	0.0023	0.0016
Toluene:	0.0016	0.0012	0.0007
2-Methylheptane:	0.0005	0.0004	0.0004
4-Methylheptane:	0.0003	0.0002	0.0002
i-Octanes:	0.0003	0.0003	0.0003
Octane:	0.0006	0.0007	0.0005
Ethylbenzene:	0.0006	0.0000	0.0000
m, p Xylene:	0.0001	0.0005	0.0005
o Xylene (& 2,2,4	0.0000	0.0001	0.0001
i-C9:	0.0002	0.0001	0.0001
C9:	0.0002	0.0002	0.0003
i-C10:	0.0001	0.0001	0.0001
C10:	0.0001	0.0000	0.0000
i-C11:	0.0000	0.0000	0.0000
C11:	0.0001	0.0000	0.0000
C12P:	0.0001	0.0000	0.0000
Helium:	0.0000	0.0000	0.0000
BTU:	883.8	862.0	847.3
GPM:	17.2270	17.1680	17.1550
SPG:	0.7169	0.7262	0.7383

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C6+ ☐ C6+w/H2S ☐ C9+ ☐ C12+ BTEX ☒

Helium ☐ Sulfurs ☐ Ext. Liquid ☐

Other _____ Date 7.17.25

Sampled By: (Co.) Hargreaves Mining Time 1515 ☐ AM ☒ PM

Sampled by: (Person) Daniel L. Laro Well Flowing: ☐ Yes ☒ No

Company: _____ Heat Trace: ☐ Yes ☒ No

Well Name: 32-8 #1 Pump Mesa Flow Pressure (PSIG): 915

API #: _____ Flow Temp (°F): 107

Lease#: 32-8 #1 / Pump Mesa Ambient Temp (°F): 90

County: Sandoz State: NM Formation: _____ Flow Rate (MCF/D): 20 mpm

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☒ Other Depth in Let

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

Meter Number: _____ Cylinder Number: 105

Contact: Emmanuel A. Rullb

Remarks: 33700-10485 4m20250100

Line Leak Calc

Orifice Diameter	0.375 inches
Pressure	88 psig
Time/date Discovered	
Time/date Isolated	
Total Hours Blown	21.00 hours
Area of Orifice	0.110 sq. inches

Lost Gas From Line Leak 259.88 Mcf

Blowdown Calc

Length	0 feet
Actual Pipe OD	4.500 inches
Wall Thickness	0.188 inches
Pressure	88 psig

Lost Gas From Blowdown 0.00 Mcf

Total Gas Loss 259.88 Mcf

Notes:

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

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

Sante Fe Main Office
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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 533782

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 533782
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 533782

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 533782
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 Well	Unavailable.
Incident Facility	[APP2123052765] HARVEST FOUR CORNERS GATHER SYSTEM

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	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
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	Dump Valve
Additional details for Equipment Involved. Please specify	Dump valve to a tank was left open after pigging operations causing the release of gas

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	83
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	15
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 533782

QUESTIONS (continued)

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	Action Number: 533782
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/25/2025
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	08:00 AM
Cumulative hours during this event	21

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Production Tank Natural Gas Vented Released: 260 Mcf Recovered: 0 Mcf Lost: 260 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	Not answered.
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.	False
Please explain reason for why this event was beyond this operator's control	Not answered.
Steps taken to limit the duration and magnitude of vent or flare	Dump valve that was open to the tank was shut immediately upon discovery.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Operator will make sure all valves are aligned for normal operation after pigging operations

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ACKNOWLEDGMENTS

Action 533782

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	Action Number: 533782
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this 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 533782

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Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 533782
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
chadsnell	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	12/10/2025