



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

08/01/2024

Stn. No.: 02013-01

33700-10690

Mtr. No.:

| | | |
|---------------------|------------|------------|
| 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 337#

| | | |
|-------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------|
| 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 |
|-------------------------------------------------------|

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 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

| |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 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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| 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) |

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 |