



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

Analysis No: HM2021038
Cust No: 33700-10575

Well/Lease Information

| | | | |
|-----------------|---------------------------------------|------------------|----------------|
| Customer Name: | HARVEST MIDSTREAM | Source: | Suction Header |
| Well Name: | Cabresto CDP | Well Flowing: | Y |
| County/State: | Rio Arriba NM | Pressure: | 40 PSIG |
| Location: | | Flow Temp: | 68 DEG. F |
| Lease/PA/CA: | | Ambient Temp: | 38 DEG. F |
| Formation: | | Flow Rate: | 3.5 MCF/D |
| Cust. Stn. No.: | 02406012 | Sample Method: | Purge & Fill |
| | | Sample Date: | 04/27/2021 |
| | | Sample Time: | 10.00 AM |
| | | Sampled By: | Donny Valencia |
| | | Sampled by (CO): | Harvest Mid. |
| Heat Trace: | N | | |
| Remarks: | Calculated Molecular Weight = 18.4191 | | |

Analysis

| Component: | Mole%: | Unnormalized %: | **GPM: | *BTU: | *SP Gravity: |
|------------------------|---------|-----------------|---------|--------|--------------|
| Nitrogen | 0.1617 | 0.1631 | 0.0180 | 0.00 | 0.0016 |
| CO2 | 6.1616 | 6.2138 | 1.0540 | 0.00 | 0.0936 |
| Methane | 90.6397 | 91.4071 | 15.3980 | 915.46 | 0.5021 |
| Ethane | 2.1691 | 2.1875 | 0.5810 | 38.39 | 0.0225 |
| Propane | 0.5256 | 0.5300 | 0.1450 | 13.22 | 0.0080 |
| Iso-Butane | 0.1052 | 0.1061 | 0.0340 | 3.42 | 0.0021 |
| N-Butane | 0.1023 | 0.1032 | 0.0320 | 3.34 | 0.0021 |
| Neopentane 2,2 dmc3 | 0.0000 | 0.0000 | 0.0000 | 0.00 | 0.0000 |
| I-Pentane | 0.0399 | 0.0402 | 0.0150 | 1.59 | 0.0010 |
| N-Pentane | 0.0237 | 0.0239 | 0.0090 | 0.95 | 0.0006 |
| Neohexane | 0.0012 | N/R | 0.0010 | 0.06 | 0.0000 |
| 2-3-Dimethylbutane | 0.0012 | N/R | 0.0000 | 0.06 | 0.0000 |
| Cyclopentane | 0.0013 | N/R | 0.0000 | 0.05 | 0.0000 |
| 2-Methylpentane | 0.0084 | N/R | 0.0030 | 0.40 | 0.0002 |
| 3-Methylpentane | 0.0031 | N/R | 0.0010 | 0.15 | 0.0001 |
| C6 | 0.0089 | 0.0718 | 0.0040 | 0.42 | 0.0003 |
| Methylcyclopentane | 0.0071 | N/R | 0.0030 | 0.32 | 0.0002 |
| Benzene | 0.0014 | N/R | 0.0000 | 0.05 | 0.0000 |
| Cyclohexane | 0.0051 | N/R | 0.0020 | 0.23 | 0.0001 |
| 2-Methylhexane | 0.0013 | N/R | 0.0010 | 0.07 | 0.0000 |
| 3-Methylhexane | 0.0017 | N/R | 0.0010 | 0.09 | 0.0001 |
| 2-2-4-Trimethylpentane | 0.0005 | N/R | 0.0000 | 0.03 | 0.0000 |
| i-heptanes | 0.0009 | N/R | 0.0000 | 0.05 | 0.0000 |
| Heptane | 0.0044 | N/R | 0.0020 | 0.24 | 0.0002 |

| | | | | | |
|-------------------------|--------|---------|--------|--------|--------|
| Methylcyclohexane | 0.0106 | N/R | 0.0040 | 0.55 | 0.0004 |
| Toluene | 0.0031 | N/R | 0.0010 | 0.14 | 0.0001 |
| 2-Methylheptane | 0.0021 | N/R | 0.0010 | 0.13 | 0.0001 |
| 4-Methylheptane | 0.0009 | N/R | 0.0000 | 0.06 | 0.0000 |
| i-Octanes | 0.0015 | N/R | 0.0010 | 0.09 | 0.0001 |
| Octane | 0.0027 | N/R | 0.0010 | 0.17 | 0.0001 |
| Ethylbenzene | 0.0001 | N/R | 0.0000 | 0.01 | 0.0000 |
| m, p Xylene | 0.0019 | N/R | 0.0010 | 0.10 | 0.0001 |
| o Xylene (& 2,2,4 tmc7) | 0.0002 | N/R | 0.0000 | 0.01 | 0.0000 |
| i-C9 | 0.0005 | N/R | 0.0000 | 0.03 | 0.0000 |
| C9 | 0.0010 | N/R | 0.0010 | 0.07 | 0.0000 |
| i-C10 | 0.0002 | 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 | 0.0000 | N/R | 0.0000 | 0.00 | 0.0000 |
| Total | 100.00 | 100.847 | 17.314 | 979.98 | 0.6358 |

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

| | | | |
|--------------------------------------|--------|--------------------|---------------|
| COMPRESSIBILITY FACTOR (1/Z): | 1.0023 | CYLINDER #: | 0992 |
| BTU/CU.FT IDEAL: | 982.2 | CYLINDER PRESSURE: | 21 PSIG |
| BTU/CU.FT (DRY) CORRECTED FOR (1/Z): | 984.5 | ANALYSIS DATE: | 05/05/2021 |
| BTU/CU.FT (WET) CORRECTED FOR (1/Z): | 967.4 | ANALYSIS TIME: | 03:29:21 AM |
| DRY BTU @ 15.025: | 1004.2 | ANALYSIS RUN BY: | PATRICIA KING |
| REAL SPECIFIC GRAVITY: | 0.637 | | |

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: 05/11/2021

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: Cabresto CDP
Stn. No.: 02406012
Mtr. No.:

Suction Header

05/11/2021
 33700-10575

| | | |
|---------------------|------------|------------|
| Smpl Date: | 04/27/2021 | 12/31/2020 |
| Test Date: | 05/05/2021 | 01/05/2021 |
| Run No: | HM2021038 | HM210001 |
| Nitrogen: | 0.1617 | 0.1283 |
| CO2: | 6.1616 | 4.4674 |
| Methane: | 90.6397 | 91.3991 |
| Ethane: | 2.1691 | 2.5999 |
| Propane: | 0.5256 | 0.8126 |
| I-Butane: | 0.1052 | 0.1665 |
| N-Butane: | 0.1023 | 0.1914 |
| 2,2 dmc3: | 0.0000 | 0.0000 |
| I-Pentane: | 0.0399 | 0.0614 |
| N-Pentane: | 0.0237 | 0.0369 |
| Neohexane: | 0.0012 | 0.0024 |
| 2-3- | 0.0012 | 0.0029 |
| Cyclopentane: | 0.0013 | 0.0030 |
| 2-Methylpentane: | 0.0084 | 0.0195 |
| 3-Methylpentane: | 0.0031 | 0.0074 |
| C6: | 0.0089 | 0.0051 |
| Methylcyclopentane: | 0.0071 | 0.0021 |
| Benzene: | 0.0014 | 0.0029 |
| Cyclohexane: | 0.0051 | 0.0121 |
| 2-Methylhexane: | 0.0013 | 0.0034 |
| 3-Methylhexane: | 0.0000 | 0.0000 |
| 2-2-4- | 0.0005 | 0.0013 |
| i-heptanes: | 0.0009 | 0.0024 |
| Heptane: | 0.0044 | 0.0110 |
| Methylcyclohexane: | 0.0106 | 0.0253 |
| Toluene: | 0.0031 | 0.0055 |
| 2-Methylheptane: | 0.0021 | 0.0052 |
| 4-Methylheptane: | 0.0009 | 0.0021 |
| i-Octanes: | 0.0015 | 0.0042 |
| Octane: | 0.0027 | 0.0071 |
| Ethylbenzene: | 0.0001 | 0.0003 |
| m, p Xylene: | 0.0019 | 0.0037 |
| o Xylene (& 2,2,4 | 0.0002 | 0.0003 |
| i-C9: | 0.0005 | 0.0017 |
| C9: | 0.0010 | 0.0031 |
| i-C10: | 0.0002 | 0.0005 |
| C10: | 0.0001 | 0.0002 |
| i-C11: | 0.0000 | 0.0000 |
| C11: | 0.0001 | 0.0001 |
| C12P: | 0.0000 | 0.0000 |
| BTU: | 984.5 | 1017.0 |
| GPM: | 17.3180 | 17.4390 |
| SPG: | 0.6370 | 0.6302 |



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21#

C6+ ☐ C9+ ☐ C12+ BTEX ☐ Helium ☐N2 Flowback ☐ Sulfurs ☐ Ext. Liquid ☐

Other _____

Date 4/21/2021

Sampled By: (Co.) Harvest Midstream

Time 1000

☒ AM
☐ PM

Sampled by: (Person) Donny Unknown

Well Flowing: ☒ Yes ☐ No

Company: Harvest Midstream

Heat Trace: ☐ Yes ☒ No

Well Name: Cabresto COP

Flow Pressure (PSIG): 40

Lease#: _____

Flow Temp (°F): 68

County: Rio Arriba Formation: COP

Ambient Temp (°F): 38

State: NM

Location: _____

Flow Rate (MCF/D): 3.5

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☒ Other

Suction header

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

Meter Number: Unknown

Cylinder Number: 0992

Contact: J. Valencia

Hmidstream

Remarks: Extended Analysis

cylinder

33700 - 10575

HM 2021038

LINE LEAK OR CONTINUOUS PSV RELEASE CALC
FOR USE FOR RELEASE REMAINING UNDER CONSTANT LI

Fill in Yellow Fields

ASSUMES NO PRESSURE LOSS AS RESULT OF LEAK

| WELL/LINE NAME | METER NUMBER | ENTERED BY WHOM | DATE | PSI | PORT SIZE IN INCHES | TIME IN MINUTES BLOWN |
|----------------|-----------------|--------------------|------|------|------------------------|-----------------------------|
| | | | | 18.5 | 3.00 | 45.00 |

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

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1625 N. French Dr., Hobbs, NM 88240
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District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 70928

DEFINITIONS

| | |
|---|--|
| Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002 | OGRID: 373888 |
| | Action Number: 70928 |
| | Action Type: [C-129] Venting and/or Flaring (C-129) |

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: <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 70928

QUESTIONS

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|---|--|
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| | Action Number: 70928 |
| | 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 | Not answered. |
| Incident Facility | [FWJF0319836626] CABRESTO COMPRESSOR STATION |

| | |
|--|---|
| 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, 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 withing 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 | PRV |

| | |
|--|---------------|
| 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 | 90 |
| 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 70928

QUESTIONS (continued)

| | |
|---|--|
| Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002 | OGRID: 373888 |
| | Action Number: 70928 |
| | Action Type: [C-129] Venting and/or Flaring (C-129) |

QUESTIONS

| Date(s) and Time(s) | |
|--|------------|
| Date vent or flare was discovered or commenced | 01/02/2022 |
| Time vent or flare was discovered or commenced | 03:15 PM |
| Time vent or flare was terminated | 03:45 PM |
| Cumulative hours during this event | 0 |

| Measured or Estimated Volume of Vented or Flared Natural Gas | |
|---|--|
| Natural Gas Vented (Mcf) Details | Cause: Freeze Gas Compressor Station Natural Gas Vented Released: 213 Mcf Recovered: 0 Mcf Lost: 213 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. | True |
| Please explain reason for why this event was beyond this operator's control | Sub-zero operating conditions with liquid fallout in the gas |
| Steps taken to limit the duration and magnitude of vent or flare | Operator was in the area which reduced response time. Operator blocked in PRV and got it to reset |
| Corrective actions taken to eliminate the cause and reoccurrence of vent or flare | Jacket water heat trace was installed from the engine to the PRV and insulation was added |

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ACKNOWLEDGMENTS

Action 70928

ACKNOWLEDGMENTS

| | |
|---|--|
| Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002 | OGRID: 373888 |
| | Action Number: 70928 |
| | 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 70928

CONDITIONS

| | |
|---|--|
| Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002 | OGRID: 373888 |
| | Action Number: 70928 |
| | Action Type: [C-129] Venting and/or Flaring (C-129) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|--|----------------|
| jakdsolutions | 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. | 1/10/2022 |