



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

Analysis No: HM20250046
Cust No: 33700-12285

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: Milagro Inlet Ignacio Cross Haul; TBG
County/State: San Juan NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: TUBING
Well Flowing: Y
Pressure: 889 PSIG
Flow Temp: 67 DEG. F
Ambient Temp: 70 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 05/07/2025
Sample Time: 1.49 PM
Sampled By: Harold Jones
Sampled by (CO): Harvest

Heat Trace: N
Remarks: Calculated Molecular Weight = 19.1064

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0603	0.0599	0.0070	0.00	0.0006
CO2	10.1116	10.0456	1.7290	0.00	0.1536
Methane	88.5773	87.9988	15.0470	894.63	0.4906
Ethane	0.9703	0.9640	0.2600	17.17	0.0101
Propane	0.2090	0.2076	0.0580	5.26	0.0032
Iso-Butane	0.0310	0.0308	0.0100	1.01	0.0006
N-Butane	0.0259	0.0257	0.0080	0.84	0.0005
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0060	0.0060	0.0020	0.24	0.0002
N-Pentane	0.0028	0.0028	0.0010	0.11	0.0001
Neohexane	0.0001	N/R	0.0000	0.00	0.0000
2-3-Dimethylbutane	0.0001	N/R	0.0000	0.00	0.0000
Cyclopentane	0.0001	N/R	0.0000	0.00	0.0000
2-Methylpentane	0.0007	N/R	0.0000	0.03	0.0000
3-Methylpentane	0.0003	N/R	0.0000	0.01	0.0000
C6	0.0008	0.0057	0.0000	0.04	0.0000
Methylcyclopentane	0.0004	N/R	0.0000	0.02	0.0000
Benzene	0.0001	N/R	0.0000	0.00	0.0000
Cyclohexane	0.0003	N/R	0.0000	0.01	0.0000
2-Methylhexane	0.0001	N/R	0.0000	0.01	0.0000
3-Methylhexane	0.0001	N/R	0.0000	0.01	0.0000
2-2-4-Trimethylpentane	0.0000	N/R	0.0000	0.00	0.0000
i-heptanes	0.0001	N/R	0.0000	0.01	0.0000
Heptane	0.0004	N/R	0.0000	0.02	0.0000

Methylcyclohexane	0.0007	N/R	0.0000	0.04	0.0000
Toluene	0.0004	N/R	0.0000	0.02	0.0000
2-Methylheptane	0.0001	N/R	0.0000	0.01	0.0000
4-Methylheptane	0.0001	N/R	0.0000	0.01	0.0000
i-Octanes	0.0001	N/R	0.0000	0.01	0.0000
Octane	0.0002	N/R	0.0000	0.01	0.0000
Ethylbenzene	0.0000	N/R	0.0000	0.00	0.0000
m, p Xylene	0.0002	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	0.0001	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	99.347	17.122	919.56	0.6597

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
 BTU/CU.FT IDEAL: 921.7
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 923.8
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 907.7
 DRY BTU @ 15.025: 942.3
 REAL SPECIFIC GRAVITY: 0.6609

CYLINDER #: 0565
 CYLINDER PRESSURE: 889 PSIG
 ANALYSIS DATE: 05/14/2025
 ANALYSIS TIME: 09:37:03 AM
 ANALYSIS RUN BY: PATRICIA KING

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: 05/14/2025

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: Milagro Inlet Ignacio Cross Haul; TBG TUBING
Stn. No.:
Mtr. No.:

05/14/2025
 33700-12285

Smpl Date: 05/07/2025
 Test Date: 05/14/2025
 Run No: HM20250046

Nitrogen: 0.0603
 CO2: 10.1116
 Methane: 88.5773
 Ethane: 0.9703
 Propane: 0.2090
 I-Butane: 0.0310
 N-Butane: 0.0259
 2,2 dmc3: 0.0000
 I-Pentane: 0.0060
 N-Pentane: 0.0028
 Neohexane: 0.0001
 2-3-: 0.0001
 Cyclopentane: 0.0001
 2-Methylpentane: 0.0007
 3-Methylpentane: 0.0003
 C6: 0.0008
 Methylcyclopentane: 0.0004
 Benzene: 0.0001
 Cyclohexane: 0.0003
 2-Methylhexane: 0.0001
 3-Methylhexane: 0.0000
 2-2-4-: 0.0000
 i-heptanes: 0.0001
 Heptane: 0.0004
 Methylcyclohexane: 0.0007
 Toluene: 0.0004
 2-Methylheptane: 0.0001
 4-Methylheptane: 0.0001
 i-Octanes: 0.0001
 Octane: 0.0002
 Ethylbenzene: 0.0000
 m, p Xylene: 0.0002
 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: 923.8
 GPM: 17.1250
 SPG: 0.6609

Location of Sample:

Master Card & Title Print

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

889#



C6+ ☐ C6+W/H2S ☐ C9+ ☐ C12+ BTEX ☐
Helium ☐ Sulfurs ☐ Ext. Liquid ☐

Other

Date 5/7/25

☐ AM ☒ PM

Sampled By: (Co) Harvest Midstream

Time 1349

Sampled by: (Person) Harold Jones

Well Flowing: ☒ Yes ☐ No

Company: Harvest Midstream

Heat Trace: ☐ Yes ☒ No

Well Name: Milagro Inlet - Ignacio Crosswell

Flow Pressure (PSIG): 889

API #:

Flow Temp (°F): 67

Lease#:

Ambient Temp (°F): 70

County: San Juan State: NM Formation:

Flow Rate (MCF/D):

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

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

Meter Number:

Cylinder Number: 0565

Contact:

Remarks:

33700 - 12285

HM 20250046

Loss of liquid seal sizing scenario	175017 lb/hr
	69000 SCFM
Duration	150 sec
	2.5 min
	172.5 MCF

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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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 475304

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 475304
	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 475304

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 475304
	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	[IGP00000000034] MILAGRO COGENERATION & GAS PLANT

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

Equipment Involved	
Primary Equipment Involved	Other (Specify)
Additional details for Equipment Involved. Please specify	PSV on flash tank lifted

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	89
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	10
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 475304

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 475304
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/03/2025
Time vent or flare was discovered or commenced	05:54 AM
Time vent or flare was terminated	05:56 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Other (Specify) Natural Gas Vented Released: 173 Mcf Recovered: 0 Mcf Lost: 173 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	Train 5 amine contactor ROV failed to hold. causing the flash tank to over pressure and lift psv
Steps taken to limit the duration and magnitude of vent or flare	Operators got ROV to hold, PSV acted as designed
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Maintenace on ROV was completed to get ROV to close properly

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ACKNOWLEDGMENTS

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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 475304

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 475304
	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.	6/16/2025