



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

Analysis No: HM20240086
Cust No: 33700-12170

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: Val Verde Plant Train 6
County/State: San Juan NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: Dehy Inlet
Well Flowing: Y
Pressure: 690 PSIG
Flow Temp: 32 DEG. F
Ambient Temp: 20 DEG. F
Flow Rate: 47 MCF/D
Sample Method: Purge & Fill
Sample Date: 11/22/2024
Sample Time: 8.05 AM
Sampled By: Celia L
Sampled by (CO): ABC

Heat Trace: N
Remarks: Calculated Molecular Weight = 18.0216

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1065	0.1069	0.0120	0.00	0.0010
CO2	6.5916	6.6166	1.1270	0.00	0.1002
Methane	92.6100	92.9610	15.7310	935.36	0.5130
Ethane	0.5572	0.5593	0.1490	9.86	0.0058
Propane	0.1059	0.1063	0.0290	2.66	0.0016
Iso-Butane	0.0111	0.0111	0.0040	0.36	0.0002
N-Butane	0.0078	0.0078	0.0020	0.25	0.0002
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0046	0.0046	0.0020	0.18	0.0001
N-Pentane	0.0014	0.0014	0.0010	0.06	0.0000
Neohexane	0.0000	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	0.0005	N/R	0.0000	0.02	0.0000
3-Methylpentane	0.0002	N/R	0.0000	0.01	0.0000
C6	0.0006	0.0040	0.0000	0.03	0.0000
Methylcyclopentane	0.0002	N/R	0.0000	0.01	0.0000
Benzene	0.0000	N/R	0.0000	0.00	0.0000
Cyclohexane	0.0002	N/R	0.0000	0.01	0.0000
2-Methylhexane	0.0001	N/R	0.0000	0.01	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	0.0001	N/R	0.0000	0.01	0.0000
Heptane	0.0003	N/R	0.0000	0.02	0.0000

Methylcyclohexane	0.0005	N/R	0.0000	0.03	0.0000
Toluene	0.0003	N/R	0.0000	0.01	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	0.0001	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	0.0000	N/R	0.0000	0.00	0.0000
C9	0.0001	N/R	0.0000	0.01	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	100.379	17.057	948.94	0.6222

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0022	CYLINDER #:	147
BTU/CU.FT IDEAL:	951.1	CYLINDER PRESSURE:	690 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	953.2	ANALYSIS DATE:	12/02/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	936.6	ANALYSIS TIME:	04:43:45 AM
DRY BTU @ 15.025:	972.3	ANALYSIS RUN BY:	PATRICIA KING
REAL SPECIFIC GRAVITY:	0.6233		

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: 12/03/2024

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: Val Verde Plant Train 6

Dehy Inlet

12/03/2024

Stn. No.:

33700-12170

Mtr. No.:

Smpl Date:	11/22/2024
Test Date:	12/02/2024
Run No:	HM20240086
Nitrogen:	0.1065
CO2:	6.5916
Methane:	92.6100
Ethane:	0.5572
Propane:	0.1059
I-Butane:	0.0111
N-Butane:	0.0078
2,2 dmc3:	0.0000
I-Pentane:	0.0046
N-Pentane:	0.0014
Neohexane:	0.0000
2-3-	0.0001
Cyclopentane:	0.0001
2-Methylpentane:	0.0005
3-Methylpentane:	0.0002
C6:	0.0006
Methylcyclopentane:	0.0002
Benzene:	0.0000
Cyclohexane:	0.0002
2-Methylhexane:	0.0001
3-Methylhexane:	0.0000
2-2-4-	0.0000
i-heptanes:	0.0001
Heptane:	0.0003
Methylcyclohexane:	0.0005
Toluene:	0.0003
2-Methylheptane:	0.0001
4-Methylheptane:	0.0001
i-Octanes:	0.0001
Octane:	0.0002
Ethylbenzene:	0.0000
m, p Xylene:	0.0001
o Xylene (& 2,2,4	0.0000
i-C9:	0.0000
C9:	0.0001
i-C10:	0.0000
C10:	0.0000
i-C11:	0.0000
C11:	0.0000
C12P:	0.0000
BTU:	953.2
GPM:	17.0590
SPG:	0.6233

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

690#



GAS ANALYSIS SERVICE

C6+ ☐ C6+w/H2S ☐ C9+ ☐ C12+ BTEX ☒
 Helium ☐ Sulfurs ☐ Ext. Liquid ☐
 Other _____

Date 11-22-24

Sampled By: (Co.) ABC

Time 8:05

☒ AM
☐ PM

Sampled by: (Person) PCL

Well Flowing: ☒ Yes ☐ No

Company: Harvest Midstream

Heat Trace: ☐ Yes ☒ No

Well Name: Val Verde Plant - Train 6

Flow Pressure (PSIG): 690

API #:

Flow Temp (°F): 32

Lease#:

Ambient Temp (°F): 20

County: SE

State: NM

Formation:

Flow Rate (MCF/D): 47 million

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

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

Meter Number:

Cylinder Number: 147

Contact:

Remarks:

33700-12170

HM 20240086

Val Verde Plant – Red Cedar Inlet PSV

PSV Size: 4x6 – P Size Orifice

Set Pressure: 945 psig

Capacity: 153,919 SCFM

Duration: 12 Minutes

Total Volume: 1,847,028 SCF

1,847 MSCF

1.847 MMSCF

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 475288

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 475288
	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 475288

QUESTIONS

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	Action Number: 475288
	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	[fGP0000000031] VAL VERDE GP
<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

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.
<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 lifted due to Kinder Morgan unplanned shut down from lightning strike.

Representative Compositional Analysis of Vented or Flared Natural Gas

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

Methane (CH4) percentage	93
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	7
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 475288

QUESTIONS (continued)

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	Action Number: 475288
	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	06/03/2025
Time vent or flare was discovered or commenced	04:12 AM
Time vent or flare was terminated	04:24 AM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure Other (Specify) Natural Gas Vented Released: 1,847 Mcf Recovered: 0 Mcf Lost: 1,847 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	PSV lifted due to Kinder Morgan Facility esd from a lightning strike. This caused high line pressure at Val Verde
Steps taken to limit the duration and magnitude of vent or flare	PSV lifted by design
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	PSV lifted by design

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ACKNOWLEDGMENTS

Action 475288

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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 475288

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 475288
	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.	6/16/2025