



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

Analysis No: HM20220080
Cust No: 33700-10385

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: EUL Canyon
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.: 02034-01

Source:
Well Flowing:
Pressure: 390 PSIG
Flow Temp: 91 DEG. F
Ambient Temp: DEG. F
Flow Rate: MCF/D
Sample Method:
Sample Date: 08/12/2022
Sample Time: 12.00 AM
Sampled By: Fritz Manga
Sampled by (CO): Harvest Mid

Heat Trace:

Remarks: Calculated Molecular Weight: 18.2542

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0502	0.0493	0.0060	0.00	0.0005
CO2	7.5278	7.3966	1.2870	0.00	0.1144
Methane	91.7618	90.1629	15.5870	926.79	0.5083
Ethane	0.6083	0.5977	0.1630	10.77	0.0063
Propane	0.0519	0.0510	0.0140	1.31	0.0008
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	98.258	17.057	938.87	0.6302

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022
 BTU/CU.FT IDEAL: 941.0
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 943.1
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 926.7
 DRY BTU @ 15.025: 962.0
 REAL SPECIFIC GRAVITY: 0.6314

CYLINDER #: 17
 CYLINDER PRESSURE: 390 PSIG
 ANALYSIS DATE: 08/15/2022
 ANALYSIS TIME: 02:01:45 AM
 ANALYSIS RUN BY: ELAINE MORRISON

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: 08/17/2022

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: EUL Canyon
Stn. No.: 02034-01
Mtr. No.:

08/17/2022
 33700-10385

Smpl Date:	08/12/2022	08/10/2021	08/31/2020	10/15/2019
Test Date:	08/15/2022	08/18/2021	09/01/2020	10/17/2019
Run No:	HM20220080	HM2021068	HM200079	HM190074
Nitrogen:	0.0502	0.1570	0.0440	0.0354
CO2:	7.5278	7.4589	7.8550	8.2620
Methane:	91.7618	91.4995	91.2435	91.1200
Ethane:	0.6083	0.8157	0.7692	0.5550
Propane:	0.0519	0.0689	0.0727	0.0260
I-Butane:	0.0000	0.0000	0.0032	0.0000
N-Butane:	0.0000	0.0000	0.0038	0.0000
2,2 dmc3:	0.0000	0.0000	0.0000	0.0000
I-Pentane:	0.0000	0.0000	0.0000	0.0000
N-Pentane:	0.0000	0.0000	0.0000	0.0000
Neohexane:	0.0000	0.0000	0.0000	0.0001
2-3-	0.0000	0.0000	0.0000	0.0000
Cyclopentane:	0.0000	0.0000	0.0000	0.0000
2-Methylpentane:	0.0000	0.0000	0.0000	0.0000
3-Methylpentane:	0.0000	0.0000	0.0000	0.0000
C6:	0.0000	0.0000	0.0000	0.0000
Methylcyclopentane:	0.0000	0.0000	0.0000	0.0001
Benzene:	0.0000	0.0000	0.0002	0.0000
Cyclohexane:	0.0000	0.0000	0.0000	0.0000
2-Methylhexane:	0.0000	0.0000	0.0000	0.0000
3-Methylhexane:	0.0000	0.0000	0.0000	0.0000
2-2-4-	0.0000	0.0000	0.0000	0.0000
i-heptanes:	0.0000	0.0000	0.0000	0.0000
Heptane:	0.0000	0.0000	0.0003	0.0000
Methylcyclohexane:	0.0000	0.0000	0.0004	0.0000
Toluene:	0.0000	0.0000	0.0038	0.0007
2-Methylheptane:	0.0000	0.0000	0.0000	0.0000
4-Methylheptane:	0.0000	0.0000	0.0000	0.0000
i-Octanes:	0.0000	0.0000	0.0003	0.0000
Octane:	0.0000	0.0000	0.0007	0.0000
Ethylbenzene:	0.0000	0.0000	0.0002	0.0004
m, p Xylene:	0.0000	0.0000	0.0011	0.0000
o Xylene (& 2,2,4	0.0000	0.0000	0.0002	0.0001
i-C9:	0.0000	0.0000	0.0006	0.0000
C9:	0.0000	0.0000	0.0006	0.0000
i-C10:	0.0000	0.0000	0.0003	0.0000
C10:	0.0000	0.0000	0.0001	0.0000
i-C11:	0.0000	0.0000	0.0000	0.0000
C11:	0.0000	0.0000	0.0001	0.0000
C12P:	0.0000	0.0000	0.0000	0.0000
BTU:	943.1	944.6	941.9	935.1
GPM:	17.0570	17.0720	17.0790	17.0520
SPG:	0.6314	0.6323	0.6359	0.6380

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Location of Sample: EUL CANYON		Meter Code & CK Digit: 02034-01
Continuous Sampler Beginning Date:	Ending Date of Date Pulled: 8/12/22	
Run Number:	Operator Code: .	Line PSIG: 393
Cylinder Number: 17	Type Sample: <input checked="" type="checkbox"/> Spot <input type="checkbox"/> Continuous	Flow Temp.: 91
Remarks:		
H0720220080		
Sample Taken By: FRIE MAUGA		Phone Number: 505-419-6249

33700-10385

LINE LEAK OR CONTINUOUS PSV RELEASE CALCULATOR AND REPORTING**Eul Canyon (10-2022)**

ASSUMES NO PRESSURE LOSS AS RESULT OF LEAK

DATE	PSI	PORT DIAMETER IN INCHES	TIME IN MINUTES BLOWN	MCF LOST	COMMENTS	
	480.0	1.35	35.00	522.74		

	522.74
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1000 Rio Brazos Rd., Aztec, NM 87410
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District IV
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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 152088

DEFINITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152088
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 152088

QUESTIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152088
	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 Operator	[373888] Harvest Four Corners, LLC
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	Not answered.
Incident Facility	[fAPP2123052765] HARVEST FOUR CORNERS GATHER SYSTEM
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.	

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

Equipment Involved	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

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	92
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	8
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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 152088

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152088
	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	10/14/2022
Time vent or flare was discovered or commenced	10:20 AM
Time vent or flare was terminated	10:55 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure Valve Natural Gas Vented Released: 523 Mcf Recovered: 0 Mcf Lost: 523 Mcf
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Other (Specify) Released: 0 (Unknown Released Amount) Recovered: 0 Lost: 0
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	El Cedro Compressor went down backing up line pressure causing the discharge relief valve to unseat
Steps taken to limit the duration and magnitude of vent or flare	Shut in compressor until PRV was fixed
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Reseated and tested PRV

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ACKNOWLEDGMENTS

Action 152088

ACKNOWLEDGMENTS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152088
	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 152088

CONDITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152088
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
jdeal	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.	10/19/2022