



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

Analysis No: HM2021094
Cust No: 33700-10270

Well/Lease Information

Customer Name:	HARVEST MIDSTREAM	Source:	Pipe Rack
Well Name:	DECKER JUNCTION	Well Flowing:	
County/State:		Pressure:	315 PSIG
Location:		Flow Temp:	62 DEG. F
Lease/PA/CA:		Ambient Temp:	72 DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:		Sample Method:	
		Sample Date:	10/25/2021
		Sample Time:	2.30 PM
		Sampled By:	Bill Luce
		Sampled by (CO):	Harvest Mid.
Heat Trace:	N		
Remarks:	Calculated Molecular Weight = 22.5156		

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1036	0.1051	0.0110	0.00	0.0010
CO2	21.7786	22.0845	3.7260	0.00	0.3309
Methane	76.2416	77.3125	12.9570	770.04	0.4223
Ethane	1.3457	1.3646	0.3610	23.81	0.0140
Propane	0.3857	0.3911	0.1070	9.70	0.0059
Iso-Butane	0.0606	0.0615	0.0200	1.97	0.0012
N-Butane	0.0462	0.0468	0.0150	1.51	0.0009
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0108	0.0110	0.0040	0.43	0.0003
N-Pentane	0.0054	0.0055	0.0020	0.22	0.0001
Neohexane	0.0001	N/R	0.0000	0.00	0.0000
2-3-Dimethylbutane	0.0003	N/R	0.0000	0.01	0.0000
Cyclopentane	0.0003	N/R	0.0000	0.01	0.0000
2-Methylpentane	0.0022	N/R	0.0010	0.10	0.0001
3-Methylpentane	0.0002	N/R	0.0000	0.01	0.0000
C6	0.0021	0.0220	0.0010	0.10	0.0001
Methylcyclopentane	0.0016	N/R	0.0010	0.07	0.0000
Benzene	0.0002	N/R	0.0000	0.01	0.0000
Cyclohexane	0.0009	N/R	0.0000	0.04	0.0000
2-Methylhexane	0.0003	N/R	0.0000	0.02	0.0000
3-Methylhexane	0.0001	N/R	0.0000	0.01	0.0000
2-2-4-Trimethylpentane	0.0002	N/R	0.0000	0.01	0.0000
i-heptanes	0.0003	N/R	0.0000	0.02	0.0000
Heptane	0.0013	N/R	0.0010	0.07	0.0000

Methylcyclohexane	0.0034	N/R	0.0010	0.18	0.0001
Toluene	0.0012	N/R	0.0000	0.05	0.0000
2-Methylheptane	0.0013	N/R	0.0010	0.08	0.0001
4-Methylheptane	0.0006	N/R	0.0000	0.04	0.0000
i-Octanes	0.0010	N/R	0.0000	0.06	0.0000
Octane	0.0019	N/R	0.0010	0.12	0.0001
Ethylbenzene	0.0001	N/R	0.0000	0.01	0.0000
m, p Xylene	0.0012	N/R	0.0000	0.06	0.0000
o Xylene (& 2,2,4 tmc7)	0.0001	N/R	0.0000	0.01	0.0000
i-C9	0.0002	N/R	0.0000	0.01	0.0000
C9	0.0005	N/R	0.0000	0.03	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	101.405	17.210	808.82	0.7774

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027
 BTU/CU.FT IDEAL: 810.7
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 812.9
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 798.8
 DRY BTU @ 15.025: 829.2
 REAL SPECIFIC GRAVITY: 0.7792

CYLINDER #: 17
 CYLINDER PRESSURE: 315 PSIG
 ANALYSIS DATE: 11/03/2021
 ANALYSIS TIME: 12:28:50 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: 11/09/2021

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: DECKER JUNCTION

Pipe Rack

11/09/2021

Stn. No.:

33700-10270

Mtr. No.:

Smpl Date:	10/25/2021	06/18/2019
Test Date:	11/03/2021	06/20/2019
Run No:	HM2021094	HM190038
Nitrogen:	0.1036	0.4103
CO2:	21.7786	4.1481
Methane:	76.2416	94.4915
Ethane:	1.3457	0.5836
Propane:	0.3857	0.2244
I-Butane:	0.0606	0.0440
N-Butane:	0.0462	0.0553
2,2 dmc3:	0.0000	0.0007
I-Pentane:	0.0108	0.0227
N-Pentane:	0.0054	0.0131
Neohexane:	0.0001	0.0001
2-3-	0.0003	0.0001
Cyclopentane:	0.0003	0.0002
2-Methylpentane:	0.0022	0.0010
3-Methylpentane:	0.0002	0.0003
C6:	0.0021	0.0009
Methylcyclopentane:	0.0016	0.0006
Benzene:	0.0002	0.0002
Cyclohexane:	0.0009	0.0004
2-Methylhexane:	0.0003	0.0001
3-Methylhexane:	0.0000	0.0000
2-2-4-	0.0002	0.0000
i-heptanes:	0.0003	0.0001
Heptane:	0.0013	0.0005
Methylcyclohexane:	0.0034	0.0007
Toluene:	0.0012	0.0003
2-Methylheptane:	0.0013	0.0001
4-Methylheptane:	0.0006	0.0001
i-Octanes:	0.0010	0.0001
Octane:	0.0019	0.0002
Ethylbenzene:	0.0001	0.0000
m, p Xylene:	0.0012	0.0001
o Xylene (& 2,2,4	0.0001	0.0000
i-C9:	0.0002	0.0001
C9:	0.0005	0.0001
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:	812.9	979.7
GPM:	17.2130	17.0690
SPG:	0.7792	0.6040

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

Other _____

Date 10-25-21

Time 2:30 ☐ AM ☒ PM

Sampled By: (Co.) Harvest Midstream

Sampled by: (Person) Bill Luce

Well Flowing: ☐ Yes ☐ No

Company: Harvest midstream

Heat Trace: ☐ Yes ☒ No

Well Name: Decker Junction

Flow Pressure (PSIG): 315

Lease#:

Flow Temp (°F): 62

County: San Juan Formation:

Ambient Temp (°F): 72

State: NM Location: Decker

Flow Rate (MCF/D):

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☒ Other Pipe RackSample Type: ☐ Spot ☐ Composite Sample Method: ☐ Purge & Fill ☐ Other

Meter Number:

Cylinder Number: 17

Contact:

Remarks: 33700-10270 HM 2021094

Monica Smith

From: David Quintana
Sent: Monday, October 3, 2022 12:22 PM
To: Irvin Jones; Charles Templeton; Monica Smith; Oakley Hayes; Jennifer Deal; Kayleigh Ruybalid; Cody Snell
Cc: Brandon Pearson; Joseph Pruitt
Subject: Lat C-13 Crosshaul Gas Loss

Two PSVs lifted at 500 psig downstream of the Lat C-13 Crosshaul control valve this morning. The total gas loss was 700 Mcf.

Thanks,
Dave

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State of New Mexico
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DEFINITIONS

Action 149124

DEFINITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 149124
	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 149124

QUESTIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 149124
	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	Valve
Additional details for Equipment Involved. Please specify	PSV lift, as a result of operational changes.

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	76
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	22
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 149124

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 149124
	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	10/03/2022
Time vent or flare was discovered or commenced	07:30 AM
Time vent or flare was terminated	07:45 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Normal Operations Valve Natural Gas Vented Released: 700 Mcf Recovered: 0 Mcf Lost: 700 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	No
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	The event occurred during an operational change which was not expected.
Steps taken to limit the duration and magnitude of vent or flare	gas was shut in within 15 minutes
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	event was an unknown cause; the system was operating correctly by PSV activation.

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ACKNOWLEDGMENTS

Action 149124

ACKNOWLEDGMENTS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 149124
	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 149124

CONDITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 149124
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
mosmith	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.	10/5/2022