

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

Analysis No: HM20240031 Cust No: 33700-10355

Well/Lease Information

Customer Name: HARVEST MIDSTREAM

Well Name: 32-8 #2 CDP

County/State: Location: Lease/PA/CA: Formation: Cust. Stn. No.: Source: DEHY INLET

Well Flowing:

Pressure: **896 PSIG** Flow Temp: 77 DEG. F Ambient Temp: 40 DEG. F Flow Rate: 32 MCF/D Sample Method: Purge & Fill Sample Date: 04/15/2024 Sample Time: 9.30 AM Sampled By: **Daniel Lovato** Sampled by (CO): Harvest Mid

Heat Trace:

Remarks: Calculated Molecular Weight = 19.6461

Analysis

Component:	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.0427	0.0426	0.0050	0.00	0.0004
CO2	12.0937	12.0660	2.0680	0.00	0.1838
Methane	86.6440	86.4457	14.7200	875.10	0.4799
Ethane	0.9657	0.9635	0.2590	17.09	0.0100
Propane	0.1967	0.1962	0.0540	4.95	0.0030
Iso-Butane	0.0292	0.0291	0.0100	0.95	0.0006
N-Butane	0.0209	0.0209	0.0070	0.68	0.0004
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0053	0.0053	0.0020	0.21	0.0001
N-Pentane	0.0018	0.0018	0.0010	0.07	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
			0.0000	0.00	2.22.2

Total	100.00	99.771	17.126	899.06	0.6783
C12P	0.0000	N/R	0.0000	0.00	0.0000
C11	0.0000	N/R	0.0000	0.00	0.0000
i-C11	0.0000	N/R	0.0000	0.00	0.0000
C10	0.0000	N/R	0.0000	0.00	0.0000
i-C10	0.0000	N/R	0.0000	0.00	0.0000
C9	0.0000	N/R	0.0000	0.00	0.0000
i-C9	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
m, p Xylene	0.0000	N/R	0.0000	0.00	0.0000
Ethylbenzene	0.0000	N/R	0.0000	0.00	0.0000
Octane	0.0000	N/R	0.0000	0.00	0.0000
i-Octanes	0.0000	N/R	0.0000	0.00	0.0000
4-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
2-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
Toluene	0.0000	N/R	0.0000	0.00	0.0000
Methylcyclohexane	0.0000	N/R	0.0000	0.00	0.0000
Received by OCD: 7/3/2024 11:1	18:18 AM				Page 2 of 1

^{* @ 14.730} PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

^{**@ 14.730} PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z):	1.0024	CYLINDER #:	4173
BTU/CU.FT IDEAL:		901.1	CYLINDER PRESSURE:	896 PSIG
BTU/CU.FT (DRY) CORRECTED FOI	R (1/Z):	903.3	ANALYSIS DATE:	04/22/2024
BTU/CU.FT (WET) CORRECTED FO	R (1/Z):	887.6	ANALYIS TIME:	11:49:12 AM
DRY BTU @ 15.025:		921.4	ANALYSIS RUN BY:	PATRICIA KING
REAL SPECIFIC GRAVITY:		0.6797		

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: 04/24/2024

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM WELL ANALYSIS COMPARISON

 Lease:
 32-8 #2 CDP
 DEHY INLET
 04/24/2024

 Stn. No.:
 33700-10355

Mtr. No.:

Smpl Date:	04/15/2024	04/03/2023	10/20/2022	04/06/2022	10/06/2021	05/04/2021	06/01/2020
Test Date:	04/22/2024	04/04/2023	10/26/2022	04/13/2022	10/08/2021	05/06/2021	06/03/2020
Run No:	HM20240031	HM20230016	HM20220090	HM20220021	HM2021087	HM2021044	HM200049
Nitrogen:	0.0427	0.0760	0.0314	0.2056	0.0479	0.0229	0.0245
CO2:	12.0937	11.5566	12.7145	14.5311	16.5388	11.7445	11.0975
Methane:	86.6440	87.2248	86.2688	83.8812	81.8973	87.5702	88.1698
Ethane:	0.9657	0.8812	0.7893	1.0523	1.1430	0.5705	0.6037
Propane:	0.1967	0.1818	0.1369	0.2573	0.2865	0.0764	0.0823
I-Butane:	0.0292	0.0316	0.0170	0.0328	0.0309	0.0051	0.0068
N-Butane:	0.0209	0.0223	0.0218	0.0279	0.0286	0.0104	0.0129
2,2 dmc3:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
I-Pentane:	0.0053	0.0090	0.0035	0.0069	0.0043	0.0000	0.0010
	0.0018	0.0064	0.0012	0.0050	0.0026	0.0000	0.0015
N-Pentane: Neohexane:	0.0000	0.0003	0.0002	0.0000	0.0002	0.0000	0.0000
2-3-	0.0000	0.0002	0.0003	0.0000	0.0006	0.0000	0.0000
Cyclopentane:	0.0000	0.0002	0.0003	0.0000	0.0006	0.0000	0.0000
2-Methylpentane:	0.0000	0.0013	0.0019	0.0000	0.0037	0.0000	0.0000
3-Methylpentane:	0.0000	0.0002	0.0001	0.0000	0.0014	0.0000	0.0000
C6:	0.0000	0.0014	0.0021	0.0000	0.0030	0.0000	0.0000
Methylcyclopentane:	0.0000	0.0009	0.0015	0.0000	0.0003	0.0000	0.0000
Benzene:	0.0000	0.0002	0.0005	0.0000	0.0007	0.0000	0.0000
Cyclohexane:	0.0000	0.0006	0.0001	0.0000	0.0003	0.0000	0.0000
2-Methylhexane:	0.0000	0.0002	0.0000	0.0000	0.0004	0.0000	0.0000
3-Methylhexane:	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
2-2-4-	0.0000	0.0001	0.0001	0.0000	0.0002	0.0000	0.0000
i-heptanes:	0.0000	0.0001	0.0002	0.0000	0.0003	0.0000	0.0000
Heptane:	0.0000	0.0007	0.0014	0.0000	0.0010	0.0000	0.0000
Methylcyclohexane:	0.0000	0.0017	0.0021	0.0000	0.0035	0.0000	0.0000
Toluene:	0.0000	0.0004	0.0010	0.0000	0.0010	0.0000	0.0000
2-Methylheptane:	0.0000	0.0003	0.0004	0.0000	0.0005	0.0000	0.0000
4-Methylheptane:	0.0000	0.0001	0.0002	0.0000	0.0002	0.0000	0.0000
i-Octanes:	0.0000	0.0002	0.0004	0.0000	0.0002	0.0000	0.0000
Octane:	0.0000	0.0004	0.0007	0.0000	0.0006	0.0000	0.0000
Ethylbenzene:	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
m, p Xylene:	0.0000	0.0003	0.0006	0.0000	0.0004	0.0000	0.0000
o Xylene (& 2,2,4	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000
i-C9:	0.0000	0.0001	0.0004	0.0000	0.0002	0.0000	0.0000
C9:	0.0000	0.0001	0.0002	0.0000	0.0002	0.0000	0.0000
i-C10:	0.0000	0.0001	0.0004	0.0000	0.0001	0.0000	0.0000
C10:	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000	0.0000
i-C11:	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
C11:	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C12P:	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
BTU:							
GPM:	903.3	908.3	895.2	879.0	862.0	901.1	908.2
SPG:	17.1260	17.1160	17.1060	17.1380	17.1670	17.0690	17.0710
- -	0.6797	0.6745	0.6844	0.7052	0.7252	0.6724	0.6665



HARVEST MIDSTREAM WELL ANALYSIS COMPARISON

 Lease:
 32-8 #2 CDP
 DEHY INLET
 04/24/2024

 Stn. No.:
 33700-10355

Mtr. No.:

09/26/2019 10/02/2019 HM190066

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2030 Afton Place, Farmington, NM 87401 - (505) 325-6622 896#
AS C6+ C6+W/H2S C9+ C12+ BTEX NALYSIS Helium C Sulfiver C
Sampled By: (Co.) Horves 7 Masstrum Well Flowing: Question No
Sampled by: (Person) Harves 7 Mastrum Well Flowing: 4 Yes 1 No
Company: Heat Trace:
Well Name: Flow Pressure (PSIG): 896 #
API#:
Lease#: 30 0 7 6 CDP
County: San Jun State: N.M Formation: Flow Rate (MCF/D): 32
Source: Meter Run Tubing Casing Bradenhead Other With Hole
Sample Type: Spot Composite Sample Method: Purge & Fill Other_
Meter Number: Cylinder Number:
Remarks: 33700-10355 HM 20240031

Line Leak Calc		
Orifice Diameter	1.939	inches
Pressure	250	psig
Time/date Discovered	6/21/2024 8:00	
Time/date Isolated	6/21/2024 8:18	
Total Hours Blown	0.30	hours
Area of Orifice	2.953	sq. inches
Lost Gas From Line Leak	281.98	Mcf
Blowdown Calc		
Length	0	feet
Actual Pipe OD	4.500	inches
Wall Thickness	0.281	inches
Pressure	250	psig
Lost Gas From Blowdown	0.00	Mcf
Total Gas Loss	281.98	Mcf

Notes:

Lost Gas=(Orifice Diameter)^2*Pressure*Time Blown Lost Gas=(Inside Diameter)^2*Pressure*Length*0.372/1000000

District I
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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 360929

DEFINITIONS

Operator:	OGRID:
Harvest Four Corners, LLC	373888
1755 Arroyo Dr	Action Number:
Bloomfield, NM 87413	360929
	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:

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

QUESTIONS

Action 360929

Q	UESTIONS	
Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413		OGRID: 373888 Action Number: 360929
		Action Type: [C-129] Venting and/or Flaring (C-129)
QUESTIONS		
Prerequisites		
Any messages presented in this section, will prevent submission of this application. Please resolve t	hese issues before continuing wit	h the rest of the questions.
Incident Well	Unavailable.	
Incident Facility	[fCS1716528913] 32-8 #2 C	COMPRESSOR STATION
Determination of Reporting Requirements		
Answer all questions that apply. The Reason(s) statements are calculated based on your answers ar	nd may provide addional quidance	
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		
Is this considered a submission for a vent or flare event	Yes, minor venting and/or	flaring of natural gas.
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during v	enting and/or flaring that is or may	be a major or minor release under 19.15.29.7 NMAC.
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		
Equipment Involved		
Primary Equipment Involved	Gas Compressor Station	

Equipment Involved			
Primary Equipment Involved	Gas Compressor Station		
Additional details for Equipment Involved. Please specify	Rupture disc on compressor		

Representative Compositional Analysis of Vented or Flared Natural Gas			
Please provide the mole percent for the percentage questions in this group.			
Methane (CH4) percentage	87		
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	0		
Oxygen (02) percentage, if greater than one percent	0		
If you are venting and/or flaring because of Pipeline Specification, please provide the requ	uired specifications for each gas.		
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 (02) percentage quality requirement	Not answered.		

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 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

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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**

QUESTIONS, Page 2

[C-129] Venting and/or Flaring (C-129)

Action 360929

QUESTIONS (continued)			
Operator:	OGRID:		
Harvest Four Corners, LLC	373888		
1755 Arroyo Dr	Action Number:		
Bloomfield, NM 87413	360929		
	Action Type:		

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/21/2024
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	08:18 AM
Cumulative hours during this event	0

Annual of Father de Webser of Westerland National Occ	
Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure Gas Compressor Station Natural Gas Vented Released: 282 Mcf Recovered: 0 Mcf Lost: 282 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	Rupture disc ruptured due high pressure due to Milagro plant going down.
Steps taken to limit the duration and magnitude of vent or flare	Upon discovery operator isolated rupture disc to stop release
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Rupture disc acted as it was supposed to, rupturing due to high pressure

ACKNOWLEDGMENTS

Action 360929

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ACKNOWLEDGMENTS

Operator:	OGRID:
Harvest Four Corners, LLC	373888
1755 Arroyo Dr	Action Number:
Bloomfield, NM 87413	360929
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

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

CONDITIONS

Action 360929

CONDITIONS

Operator:	OGRID:
Harvest Four Corners, LLC	373888
1755 Arroyo Dr	Action Number:
Bloomfield, NM 87413	360929
	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.	7/3/2024