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

Analysis No: HM200077
Cust No: 33700-10535

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: Blanco Inlet Trunk F/G
County/State: San Juan NM
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source:
Well Flowing:
Pressure: 130 PSIG
Flow Temp: 94 DEG. F
Ambient Temp: 94 DEG. F
Flow Rate: 13 MCF/D
Sample Method:
Sample Date: 08/26/2020
Sample Time: 12.30 PM
Sampled By: Ricky Miller
Sampled by (CO): Harvest Mid

Heat Trace:
Remarks: Calculated Molecular Weight = 20.4467

Analysis

Component:	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1677	0.1692	0.0190	0.00	0.0016
CO2	2.0599	2.0785	0.3530	0.00	0.0313
Methane	82.8886	83.6363	14.0950	837.18	0.4591
Ethane	8.1093	8.1824	2.1750	143.51	0.0842
Propane	3.6929	3.7262	1.0200	92.92	0.0562
Iso-Butane	0.7047	0.7111	0.2310	22.92	0.0141
N-Butane	1.0972	1.1071	0.3470	35.79	0.0220
Neopentane 2,2 dmc3	0.0011	0.0011	0.0000	0.04	0.0000
I-Pentane	0.3706	0.3739	0.1360	14.83	0.0092
N-Pentane	0.2708	0.2732	0.0980	10.85	0.0067
Neohexane	0.0112	N/R	0.0050	0.53	0.0003
2-3-Dimethylbutane	0.0179	N/R	0.0070	0.85	0.0005
Cyclopentane	0.0186	N/R	0.0060	0.70	0.0005
2-Methylpentane	0.1205	N/R	0.0500	5.72	0.0036
3-Methylpentane	0.0447	N/R	0.0180	2.12	0.0013
C6	0.1176	0.6430	0.0490	5.59	0.0035
Methylcyclopentane	0.0684	N/R	0.0240	3.08	0.0020
Benzene	0.0094	N/R	0.0030	0.35	0.0003
Cyclohexane	0.0363	N/R	0.0120	1.63	0.0011
2-Methylhexane	0.0118	N/R	0.0060	0.64	0.0004
3-Methylhexane	0.0113	N/R	0.0050	0.62	0.0004
2-2-4-Trimethylpentane	0.0029	N/R	0.0020	0.18	0.0001
i-heptanes	0.0074	N/R	0.0030	0.39	0.0003
Heptane	0.0281	N/R	0.0130	1.55	0.0010

Methylcyclohexane	0.0578	N/R	0.0230	3.01	0.0020
Toluene	0.0201	N/R	0.0070	0.90	0.0006
2-Methylheptane	0.0133	N/R	0.0070	0.82	0.0005
4-Methylheptane	0.0053	N/R	0.0030	0.33	0.0002
i-Octanes	0.0083	N/R	0.0040	0.50	0.0003
Octane	0.0150	N/R	0.0080	0.94	0.0006
Ethylbenzene	0.0007	N/R	0.0000	0.04	0.0000
m, p Xylene	0.0067	N/R	0.0030	0.35	0.0002
o Xylene (& 2,2,4 tmc7)	0.0005	N/R	0.0000	0.03	0.0000
i-C9	0.0011	N/R	0.0010	0.07	0.0000
C9	0.0018	N/R	0.0010	0.13	0.0001
i-C10	0.0001	N/R	0.0000	0.01	0.0000
C10	0.0001	N/R	0.0000	0.01	0.0000
i-C11	0.0000	N/R	0.0000	0.00	0.0000
C11	0.0001	N/R	0.0000	0.01	0.0000
C12P	0.0001	N/R	0.0000	0.01	0.0000
Total	100.00	100.902	18.734	1189.13	0.7045

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0033	CYLINDER #:	08
BTU/CU.FT IDEAL:	1191.9	CYLINDER PRESSURE:	116 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1195.8	ANALYSIS DATE:	08/31/2020
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1175.0	ANALYIS TIME:	11:08:36 AM
DRY BTU @ 15.025:	1219.7	ANALYSIS RUN BY:	PATRICIA KING
REAL SPECIFIC GRAVITY:	0.7065		

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: 09/01/2020**
GC Method: C12+BTEX Gas

Blanco Gas Loss Calculation for June 17, 2021

Gas Loss due to PSV Venting		
2" x 3" Fuel Gas PSV relief capacity	5,400	scfm
3" x 4" Intermediate PSV relief capacity	13,047	scfm
Total length of time venting	6	minutes
Lost gas due to PSV venting	110,682	scf
Gas Loss due to ESD		
P suction	390	psig
P discharge	400	psig
V suction	38	scf
V discharge	12	scf
Lost gas due to ESD	20,125	scf
Total gas loss	130,807	scf
	131	Mscf

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
District IV
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

QUESTIONS

Action 33710

QUESTIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 33710
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
Was or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	**Yes, minor venting or flaring of natural gas.**
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there or will there be **at least 50 MCF** of natural gas vented or flared during this event	Yes
Did this venting or flaring 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

Unregistered Facility Site	
Please provide the facility details, if the venting or flaring occurred or is occuring at a facility that does not have an Facility ID (f#) yet.	
Facility or Site Name	Blanco Compressor Station
Facility Type	Compressor Station - (CS)

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

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	83
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	2
Oxygen (02) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required 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.*

Date(s) and Time(s)	
Date venting or flaring was discovered or commenced	06/17/2021
Time venting or flaring was discovered or commenced	07:34 PM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/17/2021
Time venting or flaring was terminated	09:16 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	2
Longest duration of cumulative hours within any 24-hour period during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Power Failure | Valve | Natural Gas Vented | Spilled: 131 Mcf | Recovered: 0 Mcf | Lost: 131 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 Mcf values reported)	**Yes, according to supplied volumes this appears to be a "gas only" report.**

Venting or Flaring Resulting from Downstream Activity	
Was or is this venting or flaring a result of downstream activity	*Not answered.*
Date notified of downstream activity requiring this venting or flaring	*Not answered.*
Time notified of downstream activity requiring this venting or flaring	*Not answered.*

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Strong winds broke power pole, causing it to fall into facility. Lost power to operating units, but pipeline continued feeding facility. Increased pressures caused pressure safety valves to open and vent to atmosphere. Operator could not access facility until it was verified that no electricity was running through downed lines.
Steps taken to limit the duration and magnitude of venting or flaring	Once it was verified that no electricity was running through downed lines, operator accessed site and shut facility down. Upstream operators were informed of problem and asked to block in upstream wells until problem was repaired and the facility was brought back online.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	New power pole installed at facility.

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CONDITIONS

Action 33710

CONDITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 33710
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	6/25/2021