



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

Analysis No: HM20220008
Cust No: 33700-10060

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: Trunk S Inlet La Jara Station
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source: INLET
Well Flowing: Y
Pressure: 180 PSIG
Flow Temp: 50 DEG. F
Ambient Temp: 40 DEG. F
Flow Rate: 220 MCF/D
Sample Method: Purge & Fill
Sample Date: 03/30/2022
Sample Time: 9.00 AM
Sampled By: Ryan Antonson
Sampled by (CO): Harvest

Heat Trace: N
Remarks: Calculated Molecular Weight: 20.6374

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.6092	0.6086	0.0670	0.00	0.0059
CO2	1.4474	1.4460	0.2480	0.00	0.0220
Methane	81.9238	81.8433	13.9320	827.43	0.4538
Ethane	8.6053	8.5968	2.3090	152.29	0.0893
Propane	3.9703	3.9664	1.0970	99.90	0.0604
Iso-Butane	0.6762	0.6755	0.2220	21.99	0.0136
N-Butane	1.1420	1.1409	0.3610	37.26	0.0229
Neopentane 2,2 dmc3	0.2860	0.2857	0.1100	11.40	0.0071
I-Pentane	0.3765	0.3761	0.1380	15.06	0.0094
N-Pentane	0.3090	0.3087	0.1120	12.39	0.0077
Neohexane	0.0156	N/R	0.0070	0.74	0.0005
2-3-Dimethylbutane	0.0194	N/R	0.0080	0.92	0.0006
Cyclopentane	0.0201	N/R	0.0060	0.76	0.0005
2-Methylpentane	0.1304	N/R	0.0540	6.19	0.0039
3-Methylpentane	0.0411	N/R	0.0170	1.95	0.0012
C6	0.1313	0.6537	0.0540	6.24	0.0039
Methylcyclopentane	0.0876	N/R	0.0310	3.94	0.0025
Benzene	0.0140	N/R	0.0040	0.52	0.0004
Cyclohexane	0.0327	N/R	0.0110	1.47	0.0010
2-Methylhexane	0.0082	N/R	0.0040	0.45	0.0003
3-Methylhexane	0.0120	N/R	0.0060	0.65	0.0004
2-2-4-Trimethylpentane	0.0035	N/R	0.0020	0.22	0.0001
i-heptanes	0.0064	N/R	0.0030	0.34	0.0002
Heptane	0.0272	N/R	0.0130	1.50	0.0009

Methylcyclohexane	0.0509	N/R	0.0210	2.65	0.0017
Toluene	0.0192	N/R	0.0060	0.86	0.0006
2-Methylheptane	0.0088	N/R	0.0050	0.54	0.0003
4-Methylheptane	0.0043	N/R	0.0020	0.27	0.0002
i-Octanes	0.0044	N/R	0.0020	0.26	0.0002
Octane	0.0091	N/R	0.0050	0.57	0.0004
Ethylbenzene	0.0000	N/R	0.0000	0.00	0.0000
m, p Xylene	0.0060	N/R	0.0020	0.31	0.0002
o Xylene (& 2,2,4 tmc7)	0.0000	N/R	0.0000	0.00	0.0000
i-C9	0.0007	N/R	0.0000	0.05	0.0000
C9	0.0011	N/R	0.0010	0.08	0.0000
i-C10	0.0002	N/R	0.0000	0.01	0.0000
C10	0.0002	N/R	0.0000	0.02	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	0.0001	N/R	0.0000	0.01	0.0000
Total	100.00	99.902	18.860	1209.23	0.7123

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	1.0034	CYLINDER #:	18
BTU/CU.FT IDEAL:	1212.0	CYLINDER PRESSURE:	175 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1216.1	ANALYSIS DATE:	04/01/2022
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1194.9	ANALYSIS TIME:	12:26:38 PM
DRY BTU @ 15.025:	1240.5	ANALYSIS RUN BY:	ELAINE MORRISON
REAL SPECIFIC GRAVITY:	0.7144		

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: 04/04/2022

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: Trunk S Inlet La Jara Station

INLET

04/04/2022

Stn. No.:

33700-10060

Mtr. No.:

Smpl Date:	03/30/2022	03/10/2021	12/29/2020	12/31/2019
Test Date:	04/01/2022	03/12/2021	12/30/2020	01/07/2020
Run No:	HM20220008	HM2021013	HM200103	HM200001
Nitrogen:	0.6092	0.6351	0.5163	1.0688
CO2:	1.4474	1.4543	1.7243	1.6565
Methane:	81.9238	82.8214	83.1899	82.6372
Ethane:	8.6053	8.2657	8.0683	8.0037
Propane:	3.9703	4.0453	3.9057	3.8334
I-Butane:	0.6762	0.6405	0.6681	0.6777
N-Butane:	1.1420	1.0659	1.0702	1.1385
2,2 dmc3:	0.2860	0.0000	0.0000	0.0017
I-Pentane:	0.3765	0.3604	0.3281	0.3515
N-Pentane:	0.3090	0.2718	0.2304	0.2576
Neohexane:	0.0156	0.0093	0.0136	0.0009
2-3-	0.0194	0.0111	0.0109	0.0094
Cyclopentane:	0.0201	0.0116	0.0113	0.0098
2-Methylpentane:	0.1304	0.0749	0.0731	0.0635
3-Methylpentane:	0.0411	0.0275	0.0297	0.0282
C6:	0.1313	0.0784	0.0089	0.0702
Methylcyclopentane:	0.0876	0.0531	0.0483	0.0426
Benzene:	0.0140	0.0097	0.0081	0.0096
Cyclohexane:	0.0327	0.0236	0.0208	0.0237
2-Methylhexane:	0.0082	0.0078	0.0073	0.0091
3-Methylhexane:	0.0000	0.0000	0.0000	0.0000
2-2-4-	0.0035	0.0026	0.0014	0.0024
i-heptanes:	0.0064	0.0052	0.0044	0.0059
Heptane:	0.0272	0.0208	0.0144	0.0210
Methylcyclohexane:	0.0509	0.0408	0.0252	0.0379
Toluene:	0.0192	0.0162	0.0064	0.0113
2-Methylheptane:	0.0088	0.0076	0.0025	0.0056
4-Methylheptane:	0.0043	0.0035	0.0013	0.0028
i-Octanes:	0.0044	0.0038	0.0007	0.0025
Octane:	0.0091	0.0092	0.0021	0.0052
Ethylbenzene:	0.0000	0.0005	0.0001	0.0022
m, p Xylene:	0.0060	0.0093	0.0008	0.0002
o Xylene (& 2,2,4	0.0000	0.0011	0.0001	0.0002
i-C9:	0.0007	0.0011	0.0001	0.0004
C9:	0.0011	0.0019	0.0002	0.0005
i-C10:	0.0002	0.0002	0.0001	0.0000
C10:	0.0002	0.0004	0.0000	0.0000
i-C11:	0.0000	0.0000	0.0000	0.0000
C11:	0.0000	0.0000	0.0001	0.0000
C12P:	0.0001	0.0000	0.0000	0.0000
BTU:	1216.1	1193.5	1181.1	1181.0
GPM:	18.7790	18.7110	18.6350	18.6310
SPG:	0.7144	0.7001	0.6951	0.6999



C6+ ☐ C9+ ☐ C12+ BTEX ☐
Helium ☐ Sulfurs ☐ Ext. Liquid ☐
Other _____ Date 3/30/22
Sampled By: (Co.) Harvest Midstream Time 9:00 ☒ AM ☐ PM
Sampled by: (Person) Ryan Antoson Well Flowing: ☒ Yes ☐ No
Company: _____ Heat Trace: ☐ Yes ☒ No
Well Name: La Jara Station Inlet Flow Pressure (PSIG): 180
API #: _____ Flow Temp (°F): 50°
Lease#: _____ Ambient Temp (°F): 40°
County: _____ State: _____ Formation: _____ Flow Rate (MCF/D): 220
Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☒ Other Inlet
Sample Type: ☐ Spot ☐ Composite Sample Method: ☒ Purge & Fill ☐ Other _____
Meter Number: La Jara Station inlet Cylinder Number: 18
Contact: _____
Remarks: 33700-10060 HM20220008

30-6 #2a

ASSUMES NO PRESSURE LOSS AS RESULT OF LEAK

<i>DATE</i>	<i>PSI</i>	<i>PORT DIAMETER IN INCHES</i>	<i>TIME IN MINUTES BLOWN</i>	<i>MCF LOST</i>	<i>COMMENTS</i>	
	90.0	0.125	23100.00	611.79		

	611.79
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District II
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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

DEFINITIONS

Action 152083

DEFINITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152083
	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: • 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 152083

QUESTIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152083
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Prerequisites
Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

Incident Operator	[373888] Harvest Four Corners, LLC
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	Not answered.
Incident Facility	[fAPP2123055255] HARVEST FOUR CORNERS - VAL VERDE 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
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	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, major 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 venting 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	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
Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	82
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	1
Oxygen (O2) 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 (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 152083

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152083
	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	10/05/2022
Time vent or flare was discovered or commenced	04:30 PM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	385

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 612 Mcf Recovered: 0 Mcf Lost: 612 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	Release due to internal corrosion
Steps taken to limit the duration and magnitude of vent or flare	Line was shut in and isolated
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Pipeline was repaired/replaced

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ACKNOWLEDGMENTS

Action 152083

ACKNOWLEDGMENTS

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	Action Number: 152083
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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.
☒	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 152083

CONDITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 152083
	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