Meter Sample and Analysis

August 2024

Meter #: 39656-30
Name: ANGEL PEAK 24 H 14 FRC

Meter Analysis Effective Date: 8/2/2024 19:00:00
Meter Analysis Effective End Date: 8/12/2024 4:00:00

Sample

Company Name: Harvest Midstream Co.
Type:
Sample Date: 2/ 6/2024 7:02:00

Bottle Cleaned: No
Flow Rate:
Pressure: 58.0 psig
Temperature: 40.0
Ambient Air Temp.:
Heat Trace Indicator: No

Analysis

Lab Name:
Analyzer Type:
Analysis Date: 2/7/2024 0:00:00
Make & Model:
Calibration Date:

C6+: 60 - 30 - 10

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	2.5070		6.1805
Nitrogen (N2)	0.3023		0.4744
Methane (C1)	91.0265		81.8021
Ethane (C2)	5.0400	1.3507	8.4893
Propane (C3)	0.8639	0.2385	2.1339
Isobutane (IC4)	0.1606	0.0527	0.5229
n-Butane (NC4)	0.0449	0.0142	0.1462
Isopentane (IC5)	0.0219	0.0080	0.0885
n-Pentane (NC5)	0.0080	0.0029	0.0323
Hexanes Plus (C6+)	0.0249	0.0109	0.1299
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
Total:	100.0000	1.6779	100.0000
Un-Normalized Total:	100.2390		

Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.6176
HV, Dry @ Base P,T	1044.31
Ideal Heating Value:	1039.46
HV, Sat @ Base P, T	1026.09
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	-41.275
HCDP @ Sample Pressure	
Testcar Permian	0.077
Testcar Panhandle	0.375
26 # RVP Gasoline	0.033
Testcar Midcon	0.219
Free Water	
Stock Tank Condensate Bbl/MMscf	

Meter Sample and Analysis

August 2024

Meter #: 39656-30
Name: ANGEL PEAK 24 H 14 FRC

Meter Analysis Effective Date: 8/12/2024 4:00:00
Meter Analysis Effective End Date: 8/12/2024 19:00:00

Sample

Company Name: Harvest Midstream Co.
Type:
Sample Date: 2/ 6/2024 7:02:00

Bottle Cleaned: No
Flow Rate:
Pressure: 58.0 psig
Temperature: 40.0
Ambient Air Temp.:
Heat Trace Indicator: No

Analysis

Lab Name:
Analyzer Type:
Analysis Date: 2/7/2024 0:00:00
Make & Model:
Calibration Date:

C6+: 60 - 30 - 10

Component	Mole %	Liquid Content	Mass %
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Fws Factor	
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Testcar Panhandle	0.375
26 # RVP Gasoline	0.033
Testcar Midcon	0.219
Free Water	
Stock Tank Condensate Bbl/MMscf	

Meter Sample and Analysis

August 2024

Meter #: 39656-30
Name: ANGEL PEAK 24 H 14 FRC

Meter Analysis Effective Date: 8/12/2024 19:00:00
Meter Analysis Effective End Date: 8/21/2024 19:00:00

Sample

Company Name: Harvest Midstream Co.
Type:
Sample Date: 2/ 6/2024 7:02:00

Bottle Cleaned: No
Flow Rate:
Pressure: 58.0 psig
Temperature: 40.0
Ambient Air Temp.:
Heat Trace Indicator: No

Analysis

Lab Name:
Analyzer Type:
Analysis Date: 2/7/2024 0:00:00
Make & Model:
Calibration Date:

C6+: 60 - 30 - 10

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	2.5070		6.1805
Nitrogen (N2)	0.3023		0.4744
Methane (C1)	91.0265		81.8021
Ethane (C2)	5.0400	1.3507	8.4893
Propane (C3)	0.8639	0.2385	2.1339
Isobutane (IC4)	0.1606	0.0527	0.5229
n-Butane (NC4)	0.0449	0.0142	0.1462
Isopentane (IC5)	0.0219	0.0080	0.0885
n-Pentane (NC5)	0.0080	0.0029	0.0323
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Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)			
Total:	100.0000	1.6779	100.0000
Un-Normalized Total:	100.2390		

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Pressure Base	14.730
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Ideal Heating Value:	1039.46
HV, Sat @ Base P, T	1026.09
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	-41.275
HCDP @ Sample Pressure	
Testcar Permian	0.077
Testcar Panhandle	0.375
26 # RVP Gasoline	0.033
Testcar Midcon	0.219
Free Water	
Stock Tank Condensate Bbl/MMscf	

Meter Sample and Analysis

August 2024

Meter #: 39656-30
Name: ANGEL PEAK 24 H 14 FRC

Meter Analysis Effective Date: 8/21/2024 19:00:00
Meter Analysis Effective End Date: 1/18/2038 21:14:07

Sample

Company Name:
Type:
Sample Date:

Installation Date
Removal Date:
Bottle Cleaned: No
Flow Rate:
Pressure:
Temperature:
Ambient Air Temp.:
Heat Trace Indicator: No

Analysis

Lab Name:
Analyzer Type:
Analysis Date:
Make & Model:
Calibration Date:

C10+:

Component	Mole %	Ideal Liq. Content @ 14.696	Mass %
Carbon Dioxide (CO2)	2.5070		
Nitrogen (N2)	0.3023		
Methane (C1)	91.0265		
Ethane (C2)	5.0400	1.3444	
Propane (C3)	0.8639	0.2374	
Isobutane (IC4)	0.1606	0.0524	
n-Butane (NC4)	0.0449	0.0141	
Isopentane (IC5)	0.0219	0.0080	
n-Pentane (NC5)	0.0080	0.0029	
n-Hexane (C6)	0.0249	0.0102	
n-Heptane (C7)	0.0000	0.0000	
n-Octane (C8)	0.0000	0.0000	
n-Nonane (C9)	0.0000	0.0000	
Decanes Plus (C10+)	0.0000	0.0000	
Argon (Ar)			
Carbon Monoxide (CO)	0.0000		
Hydrogen (H2)	0.0000		
Oxygen (O2)	0.0000		
Helium (He)	0.0000		
Water (H2O)	0.0000		
Hydrogen Sulfide (H2S)	0.0000		
Total:	100.0000	1.6694	0.0000

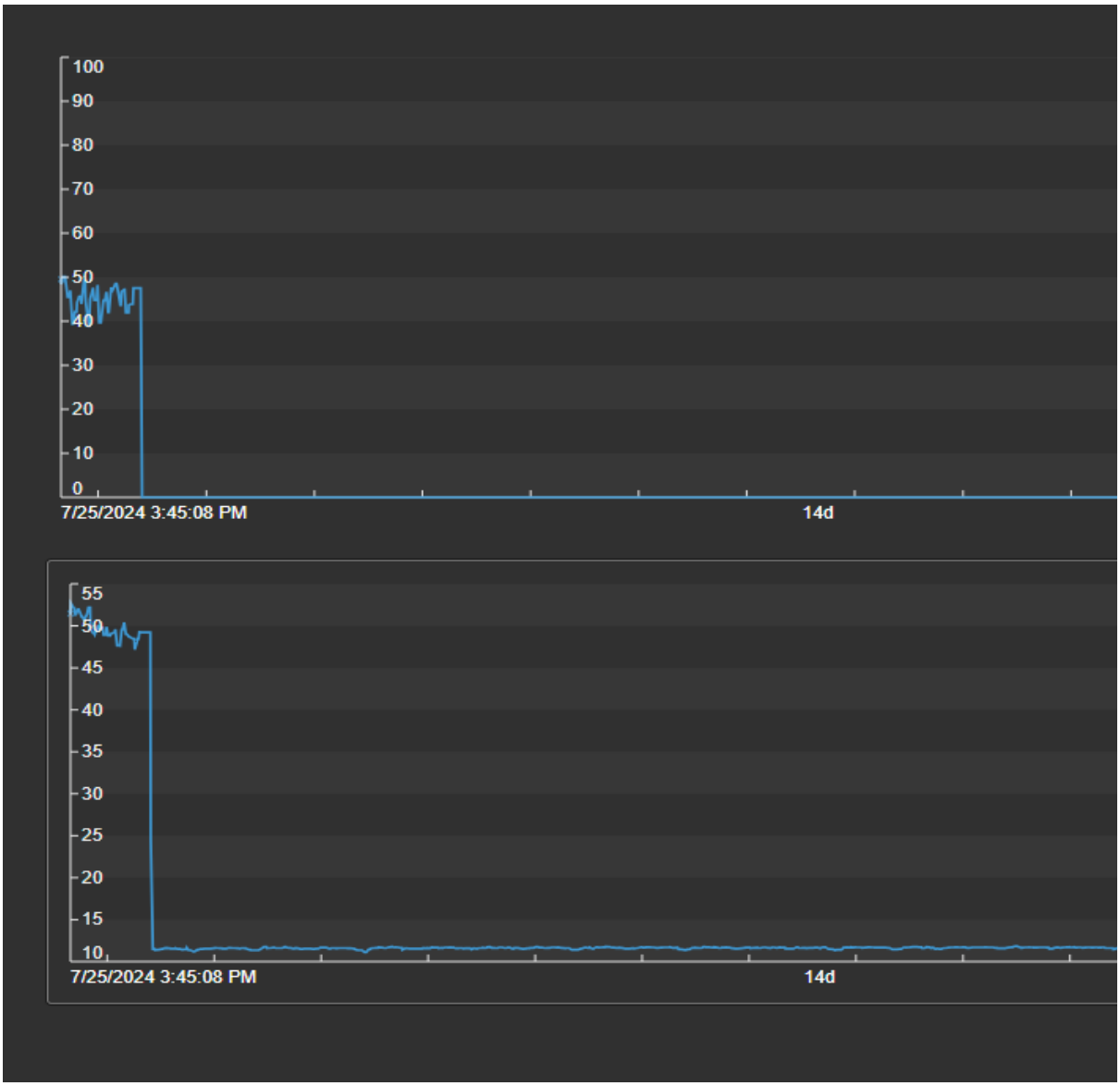
Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.6176
HV, Dry @ Base P,T	1044.31
Ideal Heating Value:	
HV, Sat @ Base P, T	
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	
HCDP @ Sample Pressure	
Free Water GPM	
Stock Tank Condensate Bbl/MMscf	
26 # RVP Gasoline	
Testcar Permian	
Testcar Panhandle	
Testcar Midcon	

*** End of Report ***

Line Leak Calc

Gas Vent Rate	1,548	Mcfd	From Synergi Model
Time/date Discovered	8/5/2024 12:35		
Time/date Isolated	8/7/2024 14:30		
Total Hours Blown	49.92	hours	

Lost Gas From PSV Release **3,219.6** **Mcf**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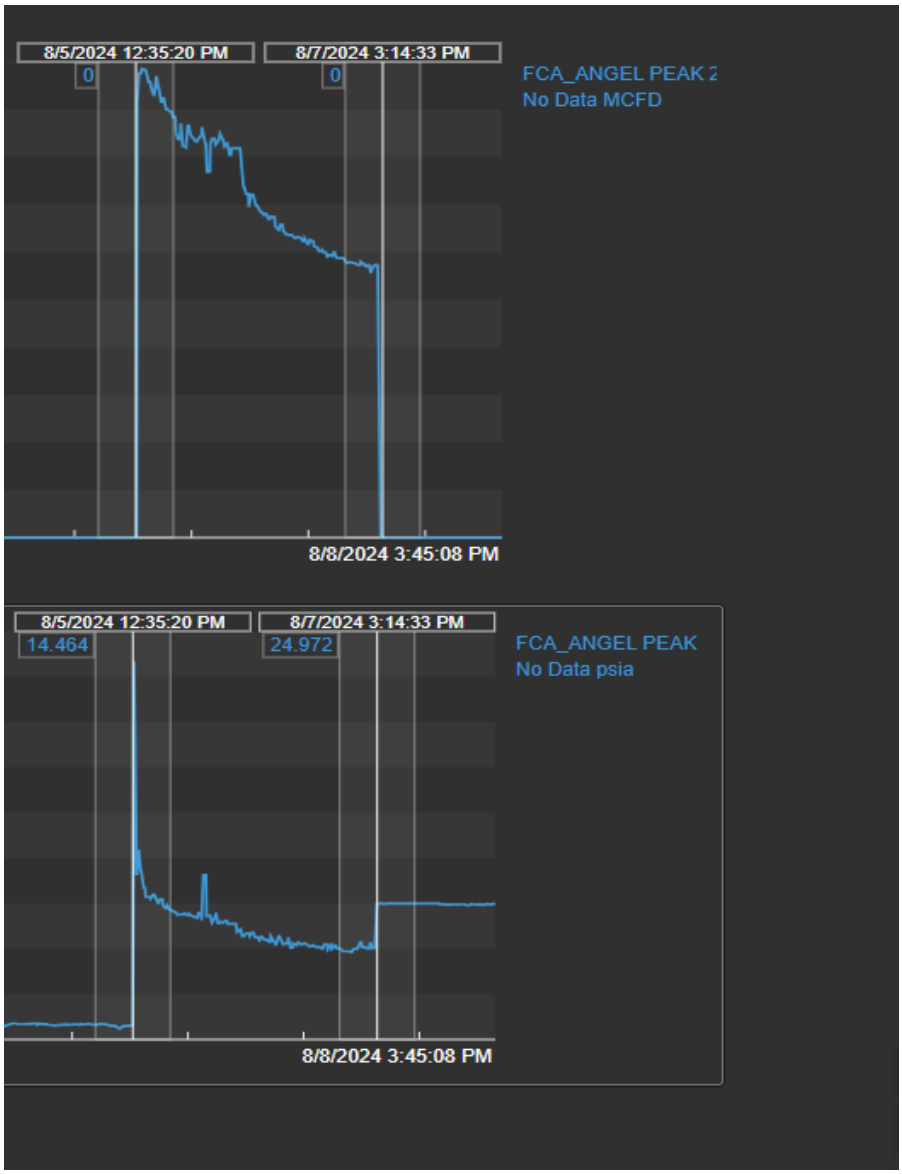
90
80
70
60
50
40
30
20
10
0
7/25/2024 3:45:08 PM
14d
55
50
45
40
35
30
25
20
15
10
7/25/2024 3:45:08 PM
14d


8/5/2024 12:35:20 PM
8/7/2024 3:14:33 PM
0
0
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No Data MCFD
8/8/2024 3:45:08 PM
8/5/2024 12:35:20 PM
8/7/2024 3:14:33 PM
14.464
24.972
FCA_ANGEL PEAK
No Data psia
8/8/2024 3:45:08 PM

District I
1625 N. French Dr., Hobbs, NM 88240
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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

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 376453
	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 376453

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 376453
	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 ID (n#)	*Unavailable.*
Incident Name	*Unavailable.*
Incident Type	**Flare**
Incident Status	*Unavailable.*
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	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
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	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	Pipeline (Any)
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	91
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	3
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.*

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QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 376453
	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	08/07/2024
Time vent or flare was discovered or commenced	01:30 PM
Time vent or flare was terminated	02:30 PM
Cumulative hours during this event	50

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion | Pipeline (Any) | Natural Gas Vented | Released: 3,220 Mcf | Recovered: 0 Mcf | Lost: 3,220 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	
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	Angel Peak 24h-14 pipeline failed
Steps taken to limit the duration and magnitude of vent or flare	Once discovered the pipeline was shut in immediately
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	new piping was installed in place of the old pipe. 3 joints of pipe was replaced with new

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ACKNOWLEDGMENTS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 376453
	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 376453

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 376453
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
chadsnell	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.	8/22/2024