

**STANDARD 2-STAGE**

Elevation	6732 Feet
Common Suction Header Pressure	86 psig
Straddle Compression Suction Pressure	10 psig
Interstage Pressure	287 psig
Discharge Pressure	904 psig
Run Fuel/Starting Gas Pressure	55 psig
Instrument Gas Pressure	95 psig
Fuel Recovery Header Pressure	60 psig
Blowdown Pressure	0 psig
Purge Time =	60 sec
Engine Speed =	1000 RPM

P <sub>atm</sub> =	11.47 psia
Actual Volume =	111 cu ft
Operating Volume =	3.28 MCF
Pounds of VOC's =	1.58 lbm
Equalized Volume, @ Ps =	734 SCF
Equalized Pressure =	436 psig
Volume Lost During Purge =	7.89 MCF
Gas Volume Lost Per Start =	11.06 MCF

**STANDARD 2-STAGE Straddle Unit**

Actual Volume =	196 cu ft
Operating Volume =	2.59 MCF
Pounds of VOC's =	1.25 lbm
Equalized Volume, @ Ps =	1299 SCF
Equalized Pressure =	195 psig
Volume Lost During Purge =	7.89 MCF
Gas Volume Lost Per Start =	10.29 MCF

**Compression Site Piping**

Blowdown Volumes	28.78 MCF
VOC's Vented	13.90 lbm

**Compression Site Dehydrator**

Blowdown Volumes	7.9684 MCF
VOC's Vented	3.847 lbm

**Gas Composition**

	Mole %'s	Molar Mass
	%	lbm/lbmol
N2	0.05	28.01
CO2	16.54	44.01
C1	81.90	16.04
C2	1.14	30.07
C3	0.29	44.10
i-C4	0.03	58.12
n-C4	0.03	58.12
i-C5	0.00	72.15
n-C5	0.00	72.15
C6+	0.02	86.18
sumcheck	100	(should = 100%)
MW	20.96	lbm/lbmol

Yellow Boxes Signify Total Standard Cubic Feet of Gas and Pounds of VOC's Vented During Compressor Isolation

Information Should be Inputted in the Green Boxes

**Entire Compression Blowdown Volumes**

# of Typical Compression Units (In Service)	7	#
# of Straddle Compressor's (In Service)	2	#
# of Dehydration Units In Service	3	#
Blowdown Volume	80.83	MSCF
VOC's Vented	39.02	lbm

Blow Down Volumes and Calculations

**STANDARD 2-STAGE**

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Blow Down Volumes and Calculations

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**District II**  
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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**

DEFINITIONS  
  
Action 71798

DEFINITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 71798
	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: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 71798

**QUESTIONS**

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 71798
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
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 Well	Not answered.
Incident Facility	[fCS1716528913] 32-8 #2 COMPRESSOR STATION

<b>Determination of Reporting Requirements</b>	
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	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, 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 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 <b>ANY</b> 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Site Found in Emergency Shut Down, gas released through PRVs

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	82
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	16
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 Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 71798

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 71798
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	01/09/2022
Time vent or flare was discovered or commenced	01:30 AM
Time vent or flare was terminated	01:30 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure   Gas Compressor Station   Natural Gas Vented   Released: 81 Mcf   Recovered: 0 Mcf   Lost: 81 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	Site went into emergency shut down. Operator re-started the site, and could not find a reason for the site going into emergency shut down.
Steps taken to limit the duration and magnitude of vent or flare	ESD prevented more gas than was in equipment from being vented. Gas volume was limited to 81 MCF
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Reasoning for ESD could not be determined. Site was put back online.

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ACKNOWLEDGMENTS

Action 71798

**ACKNOWLEDGMENTS**

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 71798
	Action Type: [C-129] Venting and/or Flaring (C-129)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	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 <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<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 71798

CONDITIONS

Operator: Harvest Four Corners, LLC 1111 Travis Street Houston, TX 77002	OGRID: 373888
	Action Number: 71798
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
jakdsolutions	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.	1/18/2022