



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

Analysis No: HM20220058
Cust No: 33700-10405

Well/Lease Information

Customer Name: HARVEST MIDSTREAM
Well Name: Aztec CDP
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.:

Source:
Well Flowing: Y
Pressure: 901 PSIG
Flow Temp: 91 DEG. F
Ambient Temp: 70 DEG. F
Flow Rate: MCF/D
Sample Method: Purge & Fill
Sample Date: 05/25/2022
Sample Time: 11.45 AM
Sampled By: Bill Luce
Sampled by (CO): Harvest

Heat Trace: N
Remarks: Calculated Molecular Weight: 22.4855

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.2010	0.1982	0.0220	0.00	0.0019
CO2	21.7583	21.4526	3.7220	0.00	0.3306
Methane	76.2374	75.1661	12.9560	770.00	0.4223
Ethane	1.3377	1.3189	0.3590	23.67	0.0139
Propane	0.3674	0.3622	0.1010	9.24	0.0056
Iso-Butane	0.0497	0.0490	0.0160	1.62	0.0010
N-Butane	0.0389	0.0384	0.0120	1.27	0.0008
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0064	0.0063	0.0020	0.26	0.0002
N-Pentane	0.0031	0.0031	0.0010	0.13	0.0001
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

Methylcyclohexane	0.0000	N/R	0.0000	0.00	0.0000
Toluene	0.0000	N/R	0.0000	0.00	0.0000
2-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
4-Methylheptane	0.0000	N/R	0.0000	0.00	0.0000
i-Octanes	0.0000	N/R	0.0000	0.00	0.0000
Octane	0.0000	N/R	0.0000	0.00	0.0000
Ethylbenzene	0.0000	N/R	0.0000	0.00	0.0000
m, p Xylene	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
i-C9	0.0000	N/R	0.0000	0.00	0.0000
C9	0.0000	N/R	0.0000	0.00	0.0000
i-C10	0.0000	N/R	0.0000	0.00	0.0000
C10	0.0000	N/R	0.0000	0.00	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	0.0000	N/R	0.0000	0.00	0.0000
Total	100.00	98.595	17.191	806.18	0.7763

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027
 BTU/CU.FT IDEAL: 808.0
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 810.2
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 796.1
 DRY BTU @ 15.025: 826.4
 REAL SPECIFIC GRAVITY: 0.7781

CYLINDER #: 108
 CYLINDER PRESSURE: 915 PSIG
 ANALYSIS DATE: 06/02/2022
 ANALYSIS TIME: 03:22:21 AM
 ANALYSIS RUN BY: ELAINE MORRISON

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: 06/03/2022

GC Method: C12+BTEX Gas



HARVEST MIDSTREAM
WELL ANALYSIS COMPARISON

Lease: Aztec CDP

06/03/2022

Stn. No.:

33700-10405

Mtr. No.:

Smpl Date:	05/25/2022	05/18/2021	05/14/2020	11/20/2019
Test Date:	06/02/2022	05/19/2021	05/19/2020	11/25/2019
Run No:	HM20220058	HM2021053	HM200044	HM190081
Nitrogen:	0.2010	0.0713	0.0479	0.1466
CO2:	21.7583	21.6966	20.2913	20.7337
Methane:	76.2374	76.6490	77.4266	76.9097
Ethane:	1.3377	1.1914	1.5727	1.5378
Propane:	0.3674	0.3033	0.4668	0.4907
I-Butane:	0.0497	0.0394	0.0606	0.0629
N-Butane:	0.0389	0.0384	0.0945	0.0692
2,2 dmc3:	0.0000	0.0000	0.0000	0.0000
I-Pentane:	0.0064	0.0073	0.0171	0.0185
N-Pentane:	0.0031	0.0032	0.0130	0.0146
Neohexane:	0.0000	0.0000	0.0000	0.0000
2-3-	0.0000	0.0000	0.0000	0.0002
Cyclopentane:	0.0000	0.0000	0.0001	0.0002
2-Methylpentane:	0.0000	0.0000	0.0003	0.0015
3-Methylpentane:	0.0000	0.0000	0.0007	0.0004
C6:	0.0000	0.0000	0.0020	0.0022
Methylcyclopentane:	0.0000	0.0000	0.0014	0.0016
Benzene:	0.0000	0.0000	0.0003	0.0006
Cyclohexane:	0.0000	0.0000	0.0007	0.0010
2-Methylhexane:	0.0000	0.0000	0.0002	0.0001
3-Methylhexane:	0.0000	0.0000	0.0000	0.0000
2-2-4-	0.0000	0.0000	0.0001	0.0000
i-heptanes:	0.0000	0.0000	0.0001	0.0001
Heptane:	0.0000	0.0000	0.0007	0.0022
Methylcyclohexane:	0.0000	0.0000	0.0013	0.0018
Toluene:	0.0000	0.0000	0.0004	0.0012
2-Methylheptane:	0.0000	0.0000	0.0003	0.0002
4-Methylheptane:	0.0000	0.0000	0.0001	0.0001
i-Octanes:	0.0000	0.0000	0.0001	0.0003
Octane:	0.0000	0.0000	0.0003	0.0008
Ethylbenzene:	0.0000	0.0000	0.0000	0.0004
m, p Xylene:	0.0000	0.0000	0.0001	0.0000
o Xylene (& 2,2,4	0.0000	0.0000	0.0000	0.0001
i-C9:	0.0000	0.0000	0.0000	0.0005
C9:	0.0000	0.0000	0.0001	0.0002
i-C10:	0.0000	0.0000	0.0000	0.0001
C10:	0.0000	0.0000	0.0001	0.0000
i-C11:	0.0000	0.0000	0.0000	0.0000
C11:	0.0000	0.0000	0.0000	0.0000
C12P:	0.0000	0.0000	0.0000	0.0000
BTU:	810.2	809.9	832.5	826.9
GPM:	17.1910	17.1780	17.2500	17.2430
SPG:	0.7781	0.7755	0.7670	0.7717

C6+ ☐ C9+ ☐ C12+ BTEX ☐ Helium ☐N2 Flowback ☐ Sulfurs ☐ Ext. Liquid ☐

Other _____

Date 5-25-22

Sampled By: (co.) Harvest Midstream

Time 11:45

☐ AM☐ PM

Sampled by: (Person) Bill Luce

Well Flowing: ☒ Yes ☐ No

Company: _____

Heat Trace: ☐ Yes ☒ No

Well Name: Aztec CDP

Flow Pressure (PSIG): 901

Lease#: _____

Flow Temp (°F): 91

County: San Juan Formation: _____

Ambient Temp (°F): 70

State: NM Location: Aztec CDP

Flow Rate (MCF/D): _____

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☒ Other _____Sample Type: ☒ Spot ☐ Composite Sample Method: ☒ Purge & Fill ☐ Other _____

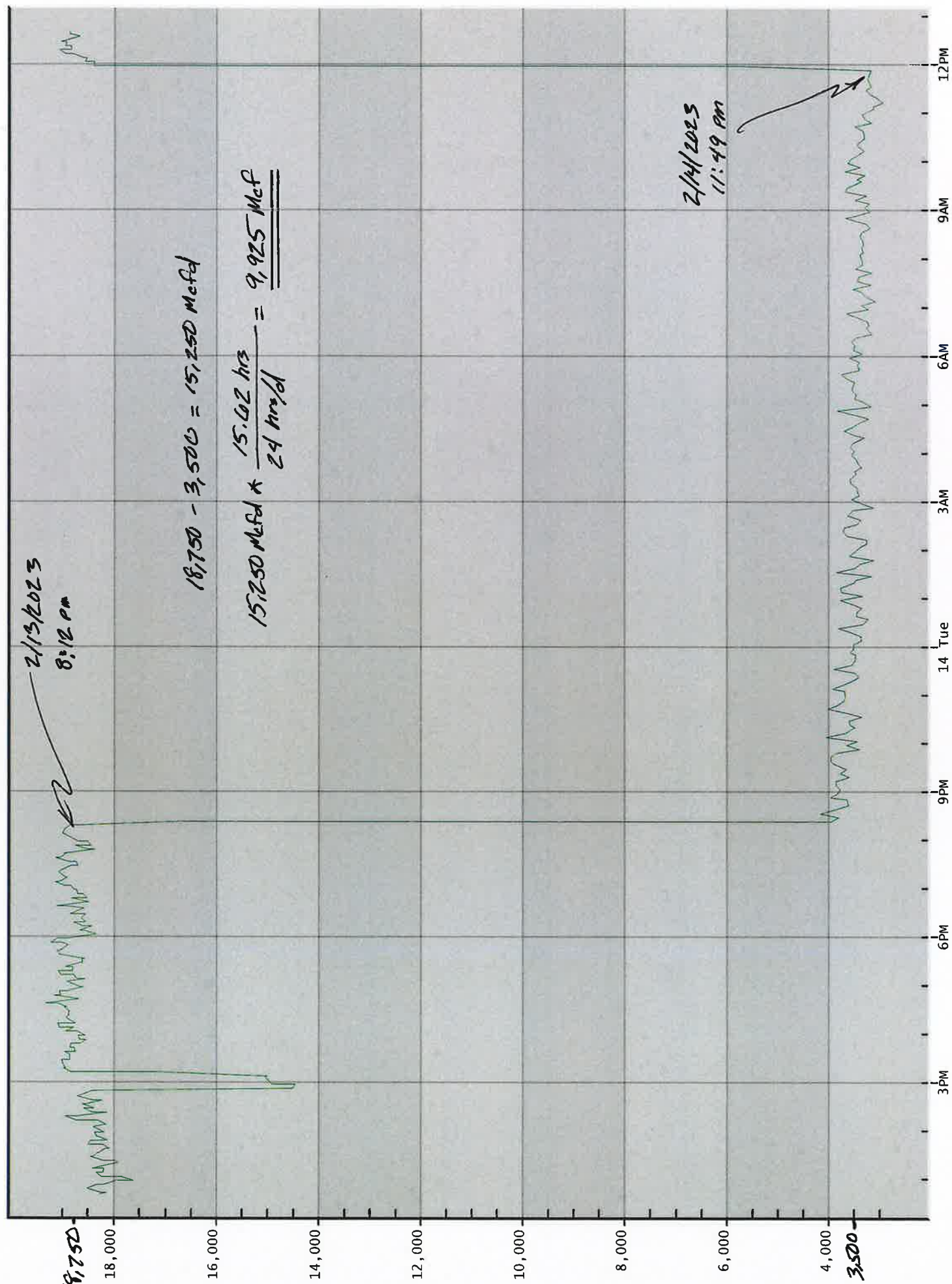
Meter Number: _____

Cylinder Number: 108

Contact: _____

Remarks: 33200-10405 HM20220058

2/13/2023 12:40:19 to 2/14/2023 12:40:19



Monica Smith

From: OCDOnline@state.nm.us
Sent: Tuesday, February 14, 2023 2:14 PM
To: Monica Smith
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 186205

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

To whom it may concern (c/o Monica Smith for Harvest Four Corners, LLC),

The OCD has accepted the submitted *Notification of a Major Venting and/or Flaring Incident* (NOMVF), for incident ID (n#) nAPP2304551201, with the following conditions:

- The information provided in this report REQUIRES at least one amendment to complete the reporting on this event.
- Submit a [C-129] Amend Venting and/or Flaring Incident (C-129A) within 15 days of the discovered/commenced date, utilizing your incident number from this event.

Please reference nAPP2304551201, on all subsequent C-129 submissions and communications regarding any amendments for this report.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Monica Smith

From: Monica Smith
Sent: Tuesday, February 14, 2023 1:46 PM
To: OCD.Enviro@state.nm.us
Cc: Velez, Nelson, EMNRD
Subject: Harvest Four Corners, LLC - Release Notification - Aztec Compressor Station

Hello,

Today at 11:15 am, Harvest operations personal received a phone call that we had a possible gas release at Aztec Compressor Station. Upon arrival operations discovered a rupture disc on a dehydrator had blown and was venting gas. The dehydrator was immediately shut in and repairs are in process. Gas loss calculations are in progress, pending rupture disc information from the manufacturer. Gas loss is expected to be over 500 mcf.

Lat, Long: 36.992915, -107.912603

An online report will be made today. We will provide additional information as soon as we have it. Please let me know if you have any questions.

Thank you,

Monica Smith
Environmental Specialist
Harvest Four Corners, LLC
msmith@harvestmidstream.com
505-632-4625 (office)
505-947-1852 (cell)



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

DEFINITIONS

Action 192831

DEFINITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 192831
	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.

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 192831

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 192831
	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 these issues before continuing with the rest of the questions.	
Incident Well	Unavailable.
Incident Facility	[fAPP2123055009] HARVEST FOUR CORNERS - MILAGRO SYSTEM

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	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	Other (Specify)
Additional details for Equipment Involved. Please specify	Dehydrator Rupture Disc premature failure

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	76
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	22
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.

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, Page 2

Action 192831

QUESTIONS (continued)

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 192831
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/13/2023
Time vent or flare was discovered or commenced	11:15 AM
Time vent or flare was terminated	11:49 AM
Cumulative hours during this event	16

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Other (Specify) Natural Gas Vented Released: 9,925 Mcf Recovered: 0 Mcf Lost: 9,925 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	No
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	The dehydrator rupture disc failed prematurely. The disc failed at 938 pounds, and the set pressure was 1100 pounds.
Steps taken to limit the duration and magnitude of vent or flare	Upon notification of venting operations headed to the location and immediately shut in the unit.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Rupture disc replaced with new one. Pressure setting was checked and verified.

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

ACKNOWLEDGMENTS

Action 192831

ACKNOWLEDGMENTS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 192831
	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 complete 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.

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

CONDITIONS

Action 192831

CONDITIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 192831
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
mosmith	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.	3/3/2023