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

Analysis No: HM20240075
Cust No: 33700-10420

Well/Lease Information

Customer Name:	HARVEST MIDSTREAM	Source:	Inlet
Well Name:	El Cedro Station Manzanares Inlet	Well Flowing:	
County/State:	Rio Arriba NM	Pressure:	PSIG
Location:		Flow Temp:	DEG. F
Lease/PA/CA:		Ambient Temp:	DEG. F
Formation:		Flow Rate:	MCF/D
Cust. Stn. No.:		Sample Method:	
		Sample Date:	09/10/2024
		Sample Time:	3.15 PM
		Sampled By:	Ryan Antonson
Heat Trace:		Sampled by (CO):	Harves Mid
Remarks:	Calculated Molecular Weight = 18.8161		

Analysis

Component:	Mole%:	Unormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.1230	0.1248	0.0140	0.00	0.0012
CO2	9.1966	9.3319	1.5730	0.00	0.1397
Methane	89.7095	91.0294	15.2400	906.07	0.4969
Ethane	0.7683	0.7796	0.2060	13.60	0.0080
Propane	0.1303	0.1322	0.0360	3.28	0.0020
Iso-Butane	0.0181	0.0184	0.0060	0.59	0.0004
N-Butane	0.0195	0.0198	0.0060	0.64	0.0004
Neopentane 2,2 dmc3	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0068	0.0069	0.0020	0.27	0.0002
N-Pentane	0.0038	0.0039	0.0010	0.15	0.0001
Neohexane	0.0002	N/R	0.0000	0.01	0.0000
2-3-Dimethylbutane	0.0003	N/R	0.0000	0.01	0.0000
Cyclopentane	0.0003	N/R	0.0000	0.01	0.0000
2-Methylpentane	0.0018	N/R	0.0010	0.09	0.0001
3-Methylpentane	0.0007	N/R	0.0000	0.03	0.0000
C6	0.0023	0.0244	0.0010	0.11	0.0001
Methylcyclopentane	0.0017	N/R	0.0010	0.08	0.0000
Benzene	0.0005	N/R	0.0000	0.02	0.0000
Cyclohexane	0.0009	N/R	0.0000	0.04	0.0000
2-Methylhexane	0.0004	N/R	0.0000	0.02	0.0000
3-Methylhexane	0.0005	N/R	0.0000	0.03	0.0000
2-2-4-Trimethylpentane	0.0002	N/R	0.0000	0.01	0.0000
i-heptanes	0.0003	N/R	0.0000	0.02	0.0000
Heptane	0.0015	N/R	0.0010	0.08	0.0001

Methylcyclohexane	0.0030	N/R	0.0010	0.16	0.0001
Toluene	0.0024	N/R	0.0010	0.11	0.0001
2-Methylheptane	0.0008	N/R	0.0000	0.05	0.0000
4-Methylheptane	0.0004	N/R	0.0000	0.02	0.0000
i-Octanes	0.0008	N/R	0.0000	0.05	0.0000
Octane	0.0011	N/R	0.0010	0.07	0.0000
Ethylbenzene	0.0002	N/R	0.0000	0.01	0.0000
m, p Xylene	0.0019	N/R	0.0010	0.10	0.0001
o Xylene (& 2,2,4 tmc7)	0.0005	N/R	0.0000	0.03	0.0000
i-C9	0.0005	N/R	0.0000	0.03	0.0000
C9	0.0004	N/R	0.0000	0.03	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	0.0001	N/R	0.0000	0.01	0.0000
C12P	0.0000	N/R	0.0000	0.00	0.0000
Total	100.00	101.471	17.092	925.84	0.6496

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

COMPRESSIBLITY FACTOR (1/Z):	1.0023	CYLINDER #:	1571
BTU/CU.FT IDEAL:	928.0	CYLINDER PRESSURE:	107 PSIG
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	930.1	ANALYSIS DATE:	09/16/2024
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	913.9	ANALYIS TIME:	11:41:28 AM
DRY BTU @ 15.025:	948.7	ANALYSIS RUN BY:	PATRICIA KING
REAL SPECIFIC GRAVITY:	0.6509		

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: 09/18/2024**
GC Method: C12+BTEX Gas

HARVEST MIDSTREAM

WELL ANALYSIS COMPARISON

Lease: El Cedro Station Manzanares Inlet Inlet 09/18/2024
Stn. No.: 33700-10420
Mtr. No.:

Smpl Date:	09/10/2024	10/26/2023	09/27/2022	02/07/2020
Test Date:	09/16/2024	10/31/2023	09/28/2022	02/12/2020
Run No:	HM20240075	HM20230258	HM20220088	HM200008
Nitrogen:	0.1230	0.0780	0.0578	0.0566
CO2:	9.1966	9.8940	10.2645	8.9772
Methane:	89.7095	88.9100	88.6428	89.7679
Ethane:	0.7683	0.8752	0.8409	0.9558
Propane:	0.1303	0.1696	0.1442	0.1715
I-Butane:	0.0181	0.0225	0.0170	0.0262
N-Butane:	0.0195	0.0262	0.0185	0.0266
2,2 dmc3:	0.0000	0.0000	0.0000	0.0000
I-Pentane:	0.0068	0.0101	0.0045	0.0073
N-Pentane:	0.0038	0.0070	0.0041	0.0056
Neohexane:	0.0002	0.0000	0.0001	0.0000
2-3-Cyclopentane:	0.0003	0.0001	0.0001	0.0001
2-Methylpentane:	0.0003	0.0001	0.0001	0.0001
3-Methylpentane:	0.0018	0.0007	0.0006	0.0005
C6:	0.0007	0.0003	0.0002	0.0002
Methylcyclopentane:	0.0023	0.0010	0.0008	0.0005
Benzene:	0.0017	0.0006	0.0001	0.0001
Cyclohexane:	0.0005	0.0002	0.0002	0.0002
2-Methylhexane:	0.0009	0.0003	0.0003	0.0003
3-Methylhexane:	0.0004	0.0001	0.0000	0.0001
2-2-4-i-heptanes:	0.0000	0.0000	0.0000	0.0000
Heptane:	0.0002	0.0000	0.0000	0.0000
Methylcyclohexane:	0.0003	0.0001	0.0001	0.0001
Toluene:	0.0015	0.0005	0.0005	0.0004
2-Methylheptane:	0.0030	0.0008	0.0008	0.0008
4-Methylheptane:	0.0024	0.0005	0.0005	0.0006
i-Octanes:	0.0008	0.0002	0.0002	0.0002
Octane:	0.0004	0.0001	0.0001	0.0001
Ethylbenzene:	0.0008	0.0002	0.0000	0.0001
m, p Xylene:	0.0011	0.0003	0.0003	0.0002
o Xylene (& 2,2,4 i-C9:	0.0002	0.0001	0.0000	0.0000
C9:	0.0019	0.0003	0.0002	0.0002
i-C10:	0.0005	0.0001	0.0000	0.0000
C10:	0.0005	0.0002	0.0001	0.0001
i-C11:	0.0004	0.0001	0.0001	0.0001
C11:	0.0002	0.0001	0.0002	0.0000
C12P:	0.0002	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000
	0.0001	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000	0.0000
BTU:	930.1	924.7	919.8	934.7
GPM:	17.0950	17.1120	17.1020	17.1180
SPG:	0.6509	0.6581	0.6608	0.6495

2030 Afton Place, Farmington, NM 87401 - (505) 325-6622 107#

GAS ANALYSIS SERVICE

C6+ ☐ C6+w/H2S ☐ C9+ ☐ C12+ BTEX ☒

Helium ☐ Sulfurs ☐ Ext. Liquid ☐

Other _____ Date 9/10/24

Sampled By:(Co.) Harvest Time 3:15 ☐AM ☒PM

Sampled by:(Person) Ryan Antonson Well Flowing: ☐ Yes ☐ No

Company: Harvest Heat Trace: ☐ Yes ☐ No

Well Name: EL Cedro Manzanares Inlet Flow Pressure (PSIG): _____

API #: per Jennifer Deal Flow Temp (°F): _____

Lease#: _____ Ambient Temp (°F): _____

County: _____ State: _____ Formation: _____ Flow Rate (MCF/D): _____

Source: ☐ Meter Run ☐ Tubing ☐ Casing ☐ Bradenhead ☐ Other _____

Sample Type: ☐ Spot ☐ Composite Sample Method: ☐ Purge & Fill ☐ Other _____

Meter Number: _____ Cylinder Number: 1571

Contact: _____

Remarks: Patricia King Filled out card from COC

33700-10420 HM 20240075

ASME Relief Valve Sizing

17-Feb-25

Enter One Value Only		SCFM
or		MMscf/d
or	-	lb/hr
Flow Required		MMscf/D

322	Relieving Pressure (Psig)	
12.50	Atmospheric Pressure (Psia)	
50	Relieving Temp (F)	
0.65	Specific Gravity of Gas (SG)	
0.975	ASME Flow Coefficient (K)	
344	Gas Constant (C)	
16	Area (in**2)	

Calculated	**109,620**	**SCFM**
Relief Valve Capacity	**157.853**	**MMscf/d**
	326,233	**lb/hr**
Or Area	-	**Area (In**2)**

PSV Manufacturer:	Anderson Greenwood
Orifice Size:	16 sq in
Relief Pressure:	322 psig
PSV Relief Capacity at Relief Pressure:	109,620 SCFM
Duration:	35 min
Gas Loss:	3,837 Mcf

Sizing Calculations

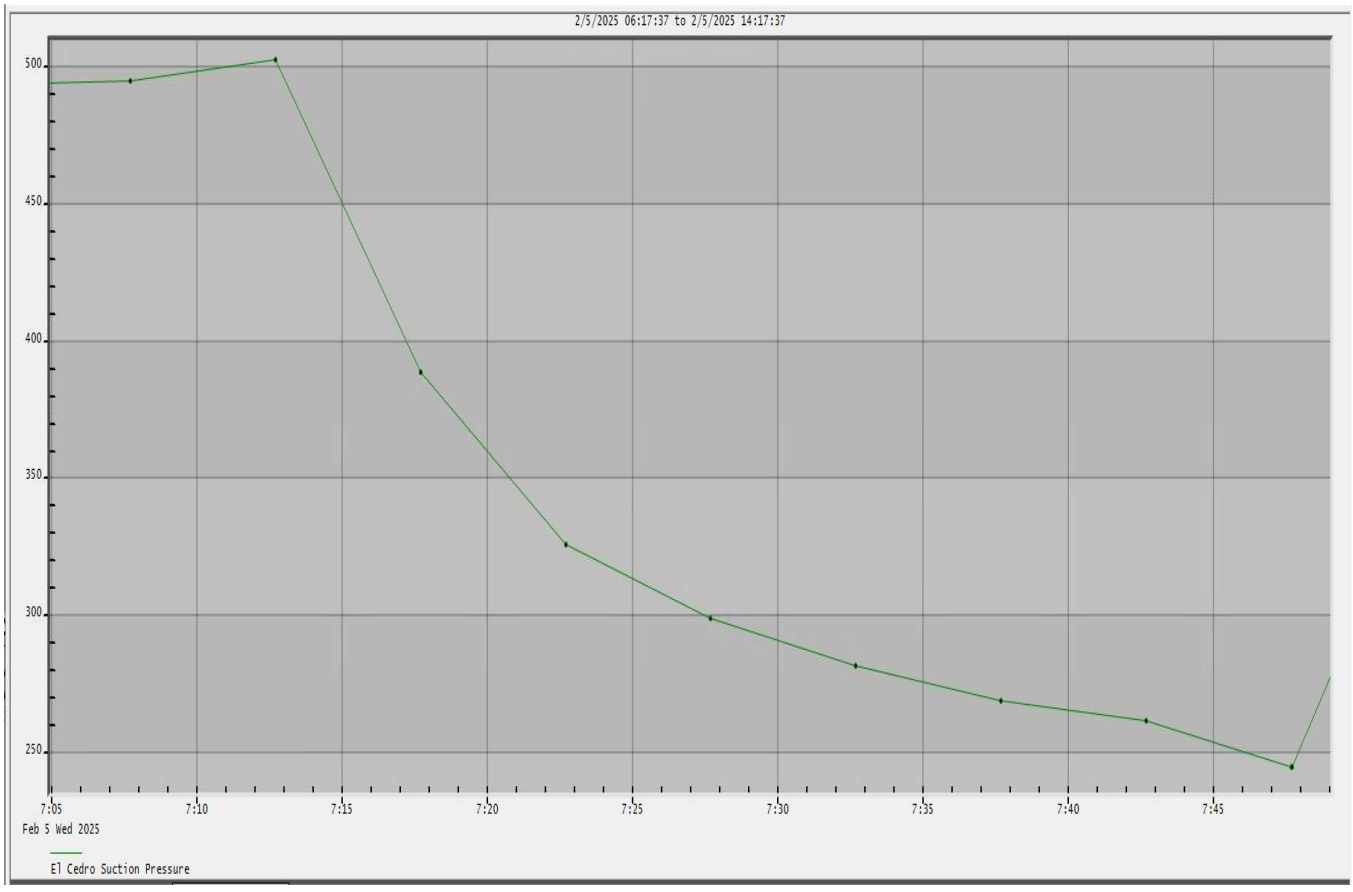
335	Relieving Pressure	P (psia)	(Selected Relieving Pressure Should Include Allowable Buildup.)
570	Relieving Temp	T (Deg R)	
14.7	P base	psia	
520	T base	Deg R	
1.0	Z base		
1.0	Z relieving	z	(Can assume z = 1.0 to be conservative.)
18.8	Molecular Weight	M	=SG*MW of Air (28.964)
0.04960	Gas Density	lb/ft**3	=Pbase*(MW)/(Zbase*R(10.73)*Tbase) (At exit conditions, STP)
0.975	Flow Coefficient	K	(Use Manufacture's Coefficient.)
344	Gas Constant	C	(Normally 344 for .6 SG, Natural Gas)
-	SCFM		
-	MMscf/d		
-	lb/hr		
16.0000	Actual Flow Area	A (in**2)	

-	Given SCFM solving for Area (in**2)	=(SCFM*Density*60)/(K*C*P*(SQRT(M/zT)))
-	Given MMscf/d solving for Area (in**2)	=(MMscfd*Density*1000000/24)/(K*C*P*(SQRT(M/zT)))
-	Given lb/hr solving for Area (in**2)	=(lb/hr)/(K*C*P*(SQRT(M/zT)))
109,620	Given Area Solving for SCFM	=(K*A*C*P)/(Density*60)*(SQRT(M/zT))
157.853	Given Area Solving for MMscf/d	=(K*A*C*P)/(Density*1000000/24)*(SQRT(M/zT))
326,233	Given Area Solving for lb/hr	=(K*A*C*P)*(SQRT(M/zT))

Note: Reference equations are from Appendix 11, Section VIII of the ASME Boiler and Pressure Vessel Code.

Average Pressure at 5 minute intervals

	Pressure	Time Stamp
	503	7:12
	389	7:17
	326	7:22
	299	7:27
	282	7:32
	269	7:37
	262	7:42
	245	7:47
Pavg	322	



CUSTOMER: Harvest Midstream
ADDRESS: El Cedro Twin Peaks
PO#:

QUADCO, LLC

SAFETY RELIEF VALVE REPORT ©

Priority: Standard Type: Repair

R.O. NO: 10033691
DATE REC'D: 6/25/2024
ITEM: 11 of 53

IDENTIFICATION

CUST ID # PSV-701
LOC Slug Catcher (Vertical Sep)

MFG A.g.co
TYPE NO 22310R68/S1
SERIAL NO 91/04303
ORIFICE R
INLET 6 in 300# RF FLG
OUTLET 8 in 150# RF FLG
PREVIOUS R.O. 10030026 #17
P.I.D.

VALVE DATA

	Current	Required
SET PRESS	500	500
BACK PRESS	Atm.	Atm.
C.D. PRESS	500	500
TEMP	Amb.	Amb.
BLOWDOWN	Adj.	Adj.
CAPACITY	143097 scfm	143097 scfm
MEDIA	Vapor	Vapor

VALVE CONVERSION
CODE STAMP UV
NB

MATERIAL/ DESIGN

Pilot
BASE: C.S
BODY: C.S.
TRIM: S.S./BBBB
SPRING: S.S.
CAP & LEVER: Closed
COMPLETED BY Kinney, Gilbert
DATE 6/25/2024

ORIGINAL NAMEPLATE DATA

TYPE 22310R68/S1
SET PRESS 500
BACK PRE N.O.T
C.D. PRESS N.O.T.
TEMP N.O.T
CAP. 143097 scfm
BLOWDOWN N.O.T.
MANUFACTURED
CODE STAMP UV
NB

WORK

- [x] Pretest
- [ ] Reset
- [ ] Overhaul
- [ ] Warranty
- [ ] Assembly

PRELIMINARY TEST RESULTS

TEST MEDIA Nitrogen GAUGE S/N QF5K-2
SET PRESSURE 500 CAL DUE 9/1/2024
BLOWDOWN Adj. TESTED BY Valdez, James
TIGHTNESS Good TEST DATE 6/25/2024

SPRING DATA CHECKED?
SPRING #
REPLACE

AS FOUND ADJ

COMP SCREW
LOWER ADJ RING
UPPER ADJ RING
OVERLAP COLLAR

DISASSEMBLED BY: DATE INSPECTED BY: DATE

ITEM	AS FOUND CONDITION	WORK PERFORMED	INSPECTOR COMMENTS
BONNET			
BODY			
INTERNAL PARTS			

Previous Repair Company: R.O. Number: Date:

RECORD OF PARTS REQUIRED FOR REPAIR

PART NUMBER	DESCRIPTION	P.O. #

FINAL ASSEMBLY ADJUSTMENT

COMPRESSION SCREW
LOWER ADJUSTMENT RING
UPPER ADJUSTMENT RING
OVERLAP COLLAR
ASSEMBLED BY: DATE
DUPLICATE TAG INSTALLED ○ Yes ○ No

RECORD OF FINAL TEST RESULTS

TEST MEDIA Nitrogen GAUGE S/N QF5K-2
SET PRESSURE 500 CAL DUE 9/1/2024
BLOWDOWN Adj. TESTED BY Valdez, James
TIGHTNESS Good TEST DATE 6/25/2024

RECORD OF FINAL ASSEMBLY

ADJ LKD & SEALED Yes
NAMEPLATE INSTALLED Yes
VR'D No
FINAL ASSEM. BY: Valdez, James DATE 6/25/2024

If No VR Cert. is issued, Give Reason Below:
Test Only

AGCO Series 60 and 80 Spring Operated PSV

NOZZLE COEFFICIENT AND AVAILABLE ORIFICE SIZES, in² (cm²)

Valve type	K	0.049 (0.316) (-4)	0.077 (0.497) (-5)	0.110 (0.710) (-6)	0.150 (0.968) (-7)	0.196 (1.265) (-8 or E)	0.307 (1.981) (F)	0.503 (3.245) (G)	0.785 (5.065) (H)	1.287 (8.303) (J)
81	0.816	X		X		X	X	X	X	X
81P	0.720	X				X		X		X
83	0.816	X		X		X	X	X	X	X
63B	0.835		X							
63B	0.861				X					

Relief Valve Orifice Size		
Letter	Bore Dimensions	
	in²	cm²
D	0.110	0.71
E	0.196	1.26
F	0.307	1.98
G	0.503	3.24
H	0.785	5.06
J	1.287	8.30
K	1.838	11.85
L	2.853	18.40
M	3.600	23.23
N	4.340	28.00
P	6.380	41.16
Q	11.050	71.29
R	16.000	103.22
T	26.000	167.74

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TABLE 4-1 - FULL BORE VS API ORIFICES

Valve Size in (mm)	API in² (mm²)	Full Bore in² (mm²)	
1.5 x 2 (40 x 50)	0.785 (506.5)	1.496 (965.2)	+90%
2 x 3 (50 x 80)	1.287 (830.3)	2.895 (1868)	+125%
3 x 4 (80 x 100)	2.853 (1841)	6.733 (4344)	+135%
4 x 6 (100 x 150)	6.380 (4116)	10.75 (6941)	+68%
6 x 8 (150 x 200)	16.00 (10,320)	23.32 (15,050)	+45%
8 x 10 (200 x 250)	26.00 (16,770)	44.17 (28,500)	+70%

Sizing

Valve Size in [mm]	Types 253, 453, 853 Type 259	Types 243, 443, 843 Type 249 Type 546[1]	Types 263[2], 463[2], 863[2] Type 269[2] Type 566[1, 2]	Type 727
1 x 2 [25 x 50]	0.110 ('D') [0.710]	0.307 ('F') [1.981]	—	—
1½ x 2 [40 x 50]	0.196 ('E') [1.265]			
1½ x 2 [40 x 50]	0.503 ('G') [3.245][3]	0.785 ('H') [5.065][3]	1.320 [8.516]	—
1½ x 3 [40 x 80]	0.503 ('G') [3.245]	0.785 ('H') [5.065]	—	—
2 x 3 [50 x 80]	0.503 ('G') [3.245] 0.785 ('H') [5.065]	1.287 ('J') [8.303]	2.554 [16.47]	0.503 ('G') [3.245] 0.785 ('H') [5.065] 1.287 ('J') [8.303]
2 x Dual 3 [50 x Dual 80]	—	—	2.554 [16.47]	—
3 x 4 [80 x 100]	1.287 ('J') [8.303] 1.838 ('K') [11.86]	2.853 ('L') [18.41]	5.938 [38.31]	1.287 ('J') [8.30] 1.838 ('K') [11.86] 2.853 ('L') [18.41]
3 x Dual 4 [80 x Dual 100]	—	—	5.938 [38.31]	—
4 x 6 [100 x 150]	2.853 ('L') [18.41] 3.600 ('M') [23.23] 4.340 ('N') [28.00]	6.380 ('P') [41.16]	9.489 [61.21]	2.853 ('L') [18.41] 3.600 ('M') [23.23] 4.340 ('N') [28.00] 6.380 ('P') [41.16]
4 x Dual 6 [100 x Dual 150]	—	—	9.489 [61.21]	—
6 x 8 [150 x 200]	11.05 ('Q') [71.29]	16.00 ('R') [103.2]	20.57 [137.7]	11.05 ('Q') [71.29] 16.00 ('R') [103.23] 18.58 ('RR') [119.8][4]
6 x Dual 8 [150 x Dual 200]	—	—	20.57 [137.7]	—
8 x Dual 8 [200 x Dual 200]	—	—	28.36 [182.9]	—
8 x 10 [200 x 250]	—	26.00 ('T') [167.7]	38.96 [251.3]	26.00 ('T') [167.74]
8 x Dual 10 [200 x Dual 250]	—	—	38.96 [251.3]	—
10 x 14[5] [250 x 355]	—	—	63.50 [409.7]	—

1. Not available in 1" x 2" or 1½" x 2" sizes.
2. There are no recognized API 'full-bore' orifice areas. These effective areas are specific to Anderson Greenwood.
3. Threaded body only.
4. Series 700 is available in a non-standard RR orifice 18.580 in² [119.871 cm²].
5. Certified for gas or steam service only.

Service	K_d
Gas	0.975
Liquid	0.650
Steam	0.975

Discharge Coefficients

Valve Series	ASME Gas/Vapor Discharge Coefficient	ASME Liquid Discharge Coefficient	ASME Gas/Vapor Slope	ASME Liquid Flow Factor	API Gas/Vapor Discharge Coefficient	API Liquid Discharge Coefficient
8100 Series 1/2" Diameter Orifice	.798*	.639*	3.10	5.15	.975	.650
8100 Series 3/4" Diameter Orifice	.833*	.711*	7.21	12.77	.975	.650
9100 Series	.818	.707	—	—	.975	.650
9100 Series Model 20	.818	.707	—	—	.975	.650
1400 Series	.794*	—	.291	—	—	—
9500 Series API Orifice Letter	.870	.731	—	—	.975	.650
9500 Series Full Bores	.820	—	—	—	.975	—

* = 8100 Series and 1400 Series are certified under the slope method. The discharge coefficients for these orifices have been calculated from the slopes and Flow Factors.

Orifice Selection

Available Orifice Sizes for Type HF and HL Pilot-Operated Relief Valves
Valve Coefficient: 0.859 (gas), 0.674 (liquid)

Valve Size	Outlet	Orifice	Orifice Area (Sq. In.)
1" X 2"	Single	D	0.110
		E	0.196
		F	0.307
		G	0.503
		GX	0.652
		1"	0.785
1-1/2" x 2"	Single	D	0.110
		E	0.196
		F	0.307
		G	0.503
		H	0.785
		J	1.287
		JX	1.633
		1-1/2"	1.767
1-1/2" x 3"	Single	G	0.503
		H	0.785
		J	1.287
		JX	1.633
		1-1/2"	1.767
2" x 3"	Single	G	0.503
		H	0.785
		J	1.287
		JX	1.633
		K	1.838
		KX	2.776
		2"	3.141
3" x 4"	Single	J	1.287
		K	1.838
		L	2.853
		M	3.600
		N	4.340
		P	6.380
		3"	7.068
4" x 6"	Single/Dual	L	2.853
		M	3.600
		N	4.340
		P	6.380
		4"	12.566
6" x 8"	Single/Dual	Q	11.045
		R	16.000
		T	26.000
		6"	28.270
8" x 8"	Dual	Q	11.045
		R	16.000
		T	26.000
		7"	38.484
		7-1/2"	44.178
8" x 10"	Single/Dual	Q	11.045
		R	16.000
		T	26.000
		7"	38.484
		7-1/2"	44.178

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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: 433069
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 433069

QUESTIONS

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 433069
	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	**[fCS00000000082] EL CEDRO CS**
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	No
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	Gas Compressor Station
Additional details for Equipment Involved. Please specify	PSV -701 lifted due to high pressure on Trunk A

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	90
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	9
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.*

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/05/2025
Time vent or flare was discovered or commenced	07:12 AM
Time vent or flare was terminated	07:47 AM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: High Line Pressure | Valve | Natural Gas Vented | Released: 3,837 Mcf | Recovered: 0 Mcf | Lost: 3,837 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	Generator went down at El Cedro causing the turbine compressor to go down. The turbine compressor going down caused high line pressure.
Steps taken to limit the duration and magnitude of vent or flare	Turbine was put back online as soon as possible
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The PSV opened by design. Repairs have been made to the generator.

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ACKNOWLEDGMENTS

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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

Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 433069
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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.	2/18/2025