

GRI GlyCalc Information

Meter Number:	--	Flow Pressure:	135
Meter Name:	SJ Blanco C and D Inlet 02-25-2025	Flow Temp:	58
Location:	SJ Blanco CS	H2O, Lb/MMCF:	--
Sample Date:	2/25/2025	H2S, ppmmol:	--
File name	SJ Blanco C and D Inlet 02-25-2025_1.D	Type:	Spot
		Pulled by:	Joe Christiansen

Component	Mol%	Wt%	LV%
Carbon Dioxide	1.6688	3.6709	1.5360
Hydrogen Sulfide	0.0000	0.0000	0.0000
Nitrogen	0.2663	0.3729	0.1580
Oxygen	0.0072	0.0114	0.0034
Methane	84.2026	67.5188	76.9904
Ethane	7.7136	11.5932	11.1260
Propane	3.4095	7.5148	5.0662
Isobutane	0.6557	1.9048	1.1572
n-Butane	0.9050	2.6292	1.5388
Isopentane	0.3331	1.2013	0.6571
n-Pentane	0.2455	0.8852	0.4799
Cyclopentane	0.0177	0.0619	0.0282
n-Hexane	0.0850	0.3661	0.1885
Cyclohexane	0.0469	0.1972	0.0860
Other Hexanes	0.1982	0.8487	0.4255
Heptanes	0.0981	0.4901	0.2405
Methylcyclohexane	0.0588	0.2888	0.1276
2,2,4 Trimethylpentane	0.0000	0.0000	0.0000
Benzene	0.0172	0.0670	0.0259
Toluene	0.0229	0.1054	0.0413
Ethylbenzene	0.0007	0.0035	0.0014
Xylenes	0.0057	0.0303	0.0119
C8+ Heavies	0.0417	0.2388	0.1103
Total	100.0000	100.0000	100.0000

Constants Used: GPA Standard 2145-16 (FPS)

Blowdown Volumes/Maintenance Releases

Blanco C & D Plant

Assume 2:1 Semi-elliptical Heads; GPSA Formula Section 6, Storage

$$V = (\pi/12) \cdot D^3 + (\pi/4) \cdot D^2 \cdot L$$

Vessel volume with 2:1 ellipsoidal heads

Suction Pressure, Psig Various
Discharge Pressure, Psig Various

Input pressures here.

Equipment Tag	Equipment Name	Diameter, O.D. (in)	Wall Thickness, (in)	Length (ft)	Volume (ft ³)	Operating Pressure (psig)	Operating Temp (F)	% Gas	Std Volume (Mscf)
ESD	Inlet Piping	24.000	0.375	361.000	1,064.340	174	60	100	13.411
ESD	Inlet Piping Blowdown Pipe	4.500	0.237	1.500	0.133	174	60	100	0.002
ESD	A-Inlet Scrubber Piping	16.000	0.375	144.000	182.654	174	60	100	2.301
ESD	A-Inlet Scrubber V23A	89.000	0.000	22.333	1,071.644	174	60	100	13.503
ESD	A-Inlet Scrubber V23B	89.000	0.000	22.333	1,071.644	174	60	100	13.503
ESD	A-Inlet Scrubber V23C	89.000	0.000	22.333	1,071.644	174	60	100	13.503
ESD	A-Inlet Scrubber Bypass	16.000	0.375	31.000	39.321	174	60	100	0.495
ESD	A-Inlet Scrubber Outlet Piping	24.000	0.375	204.000	601.455	174	60	100	7.578
ESD	B-Inlet Scrubber Piping	14.000	0.375	115.000	110.118	174	60	100	1.387
ESD	B-Inlet Scrubber V-9101	79.000	0.000	20.000	755.485	174	60	100	9.519
ESD	B-Inlet Scrubber V-9102	79.000	0.000	20.000	755.485	174	60	100	9.519
ESD	B-Inlet Scrubber V-9103	79.000	0.000	20.000	755.485	174	60	100	9.519
ESD	B-Inlet Scrubber Outlet Piping	24.000	0.375	269.000	793.096	174	60	100	9.993
ESD	B-Inlet Scrubber Outlet Piping	16.000	0.375	36.000	45.664	174	60	100	0.575
ESD	Suction Scrubber 1	48.000	0.000	16.420	223.095	174	60	100	2.811
ESD	Suction Scrubber 2	36.000	0.000	8.000	63.617	174	60	100	0.802
ESD	Plant Piping to EP from B-scrbbr	8.625	0.322	40.000	13.896	174	60	100	0.175
ESD	Piping to C-Plant	36.000	0.375	497.000	3,368.232	174	60	100	42.440
ESD	Piping to C-Plant	30.000	0.375	8.000	37.331	174	60	100	0.470
ESD	ESD Valve Bypass Piping	4.500	0.237	14.000	1.238	174	60	100	0.016
ESD	Suction ESD Valve Bypass Piping	4.500	0.237	12.000	1.061	174	60	100	0.013
C-1	Suction Piping	30.000	0.375	43.000	200.654	174	60	100	2.528
C-1	Discharge Piping	30.000	0.375	45.000	209.987	235	146	100	3.017
C-1	Discharge Piping	6.625	0.280	3.000	0.602	235	146	100	0.009
C-1	Recycle Piping	10.750	0.365	34.000	18.618	235	146	100	0.267
ESD	C-1 Disch./C-2 Suct. ESD Piping	30.000	0.375	19.000	88.661	235	146	100	1.274
ESD	C-1 Disch./C-2 Suct. ESD Piping	36.000	0.375	41.000	277.862	235	146	100	3.992
C-2	Suction Piping	30.000	0.375	91.000	424.640	235	146	100	6.100
C-2	Suction Piping	6.625	0.280	3.000	0.602	235	146	100	0.009
C-2	Discharge Piping	30.000	0.375	3.000	13.999	390	220	100	0.292
C-2	Discharge Piping	36.000	0.375	20.000	135.543	390	220	100	2.826
C-2	Recycle Piping	10.750	0.365	35.000	19.166	390	220	100	0.400
C-2	Bypass Piping	30.000	0.375	23.000	107.326	390	220	100	2.238
ESD	Discharge Piping to Coolers	30.000	0.375	36.000	167.989	390	220	100	3.502
ESD	Discharge Piping to Coolers	36.000	0.375	141.000	955.575	390	220	100	19.923
ESD	Gas Cooler Inlet Piping	30.000	0.375	77.000	359.310	390	220	100	7.491
ESD	Gas Coolers	X	X	X	620.000	390	157	100	14.246
ESD	Gas Cooler Outlet Piping	30.000	0.375	77.000	359.310	390	94	100	9.195
ESD	C-Plant Outlet Piping	36.000	0.375	78.000	528.616	390	94	100	13.528
ESD	King Scrubber V-9101	84.000	0.000	16.000	705.549	390	94	100	18.056
ESD	C-Plant Outlet Piping	24.000	0.375	6.000	17.690	390	94	100	0.453
ESD	C-Plant Outlet BD Piping	8.625	0.322	15.000	5.211	390	94	100	0.133
ESD	C-Plant Outlet Piping to ESD Vlv	36.000	0.375	14.000	94.880	390	94	100	2.428
ESD	C-Plant LP Piping to SJ Plant	24.000	0.375	1033.000	3,045.605	390	94	100	77.940
ESD	Plant Piping to D-Plant	36.000	0.375	26.000	176.205	390	94	100	4.509
ESD	Plant Piping to D-Plant	24.000	0.375	688.000	2,028.438	390	94	100	51.909
ESD	Plant Piping to D-Plant	30.000	0.375	735.000	3,429.782	390	94	100	87.771
ESD	Chaco X-Over Feed Pipe	10.750	0.365	40.000	21.904	390	94	100	0.561
ESD	Chaco X-Over Feed BD Piping	2.375	0.154	26.000	0.606	390	94	100	0.016
D Plant	Suction Piping	30.000	0.375	122.000	569.297	390	94	100	14.569
D Plant	Discharge Piping	24.000	0.375	87.000	256.503	900	204	100	12.432
D Plant	Discharge Piping	6.625	0.280	9.000	1.806	900	204	100	0.088
D Plant	Discharge Piping	4.500	0.237	3.000	0.265	900	204	100	0.013
D Plant	Recycle Piping	16.000	0.375	278.000	352.624	900	204	100	17.090
D Plant	Recycle Scrubber	72.000	0.000	12.000	395.841	900	204	100	19.185
ESD	D-Plant Outlet Piping	24.000	0.375	1061.000	3,128.158	900	204	100	151.609
ESD	D-Plant Cooler Inlet Piping	8.625	0.322	336.000	116.730	900	204	100	5.657
ESD	D-Plant Coolers	X	X	X	398.000	900	86	100	23.458
ESD	D-Plant Cooler Outlet Piping	8.625	0.322	336.000	116.730	900	91	100	6.818
ESD	D-Plant Outlet Piping	24.000	0.375	183.000	539.541	900	91	100	31.512
ESD	D-Plant Outlet HP Scrubber	54.000	0.000	10.000	182.900	900	91	100	10.682
ESD	D-Plant HP Piping to SJ Plant	24.000	0.375	810.000	2,388.132	900	91	100	139.480
ESD	Fuel Gas Piping from SJ Plant	30.000	0.375	440.000	2,053.203	875	65	100	122.405
ESD	Fuel Gas Piping to C-Plant	4.500	0.237	407.000	35.981	875	65	100	2.145
ESD	Fuel Gas Piping to C-Plant	2.375	0.154	68.000	1.585	875	65	100	0.094
ESD	Fuel Gas Piping to C-Plant	8.625	0.322	22.000	7.643	875	65	100	0.456
ESD	Fuel Gas Piping to C-Plant	6.625	0.280	726.000	145.655	875	65	100	8.683
ESD	Fuel Gas Piping to D-Plant	4.500	0.237	380.000	33.594	875	65	100	2.003
ESD	Fuel Gas Piping to D-Plant	4.500	0.237	380.000	33.594	875	65	100	2.003
ESD	Fuel Gas Piping to D-Plant	2.375	0.154	4.000	0.093	875	65	100	0.006
ESD	Fuel Gas Piping to D-Plant	6.625	0.280	33.000	6.621	875	65	100	0.395
ESD	Fuel Gas Piping to D-Plant	1.315	0.133	11.000	0.066	875	65	100	0.004
ESD	Fuel Gas Container for D-Plant	24.000	0.000	10.000	33.510	875	65	100	1.998
ESD	HP, LP, and Fuel Line BD Piping	6.625	0.280	31.000	6.219	875	65	100	0.371
ESD	Boilerhouse Flare Fuel Piping	6.625	0.280	357.000	71.624	875	65	100	4.270
ESD	Boilerhouse Flare Fuel Piping	4.500	0.237	152.000	13.438	875	65	100	0.801
ESD	Boilerhouse Flare Fuel Piping	2.375	0.154	1133.000	26.402	875	65	100	1.574
ESD	Boilerhouse Flare Fuel Piping	1.315	0.133	32.000	0.192	875	65	100	0.011
ESD	Total Compressor Blowdown								263.443
C1	Individual Unit Blowdown								5.821
C2	Individual Unit Blowdown								11.864
D Plant	Individual Unit Blowdown								63.376
C1	Unit Starting Gas & Purge								66.760
C2	Unit Starting Gas & Purge								71.560
D Plant	Unit Starting Gas & Purge								80.140

Note 1: Purge calculations assume purging 3 times the piping & compressor volume with 7.440 lb-VOC's/MCF

Note 2: Starting Gas is 17,000 lb/hr for 10 minutes which is 65.47 MCF of sales quality gas with 0.040 lb-VOC's/MCF

Note 3: Yellow hi-lighted numbers are used on tracking spreadsheet for annual numbers.

*Assumptions: All piping wall thicknesses are assumed to be standard weight.

Shell and tube gas coolers after C-Plant are assumed to contain 50/50 mix of gas and water by volume

Assumes no pressure loss in piping and vessels for simplicity (due to variability of daily operating conditions)

Sante Fe Main Office
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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 531765

DEFINITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 531765
	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.

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QUESTIONS

Action 531765

QUESTIONS

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	Action Number: 531765
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites <i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Unavailable.
Incident Facility	[fAPP2122931016] ENTERPRISE FARMINGTON GS

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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.
<i>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.</i>	
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	Yes

Equipment Involved	
Primary Equipment Involved	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	84
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	2
Oxygen (O2) percentage, if greater than one percent	0
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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 531765

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/25/2025
Time vent or flare was discovered or commenced	12:05 PM
Time vent or flare was terminated	12:06 PM
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: 263 Mcf Recovered: 0 Mcf Lost: 263 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	Faulty Wiring
Steps taken to limit the duration and magnitude of vent or flare	None
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Test/Repair Wiring Circuits

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ACKNOWLEDGMENTS

Action 531765

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	Action Number: 531765
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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 531765

CONDITIONS

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	Action Number: 531765
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tjlong	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.	12/4/2025