

GRI GlyCalc Information

Meter Number:	--	Flow Pressure:	46
Meter Name:	SJ Potter Inlet 3-25-21	Flow Temp:	50
Location:	SJ Potter CS	H2O, Lb/MMCF:	--
Sample Date:	3/25/2021	H2S, ppmol:	--
File name	SJ Potter Inlet 3-25-21_1.D	Type:	Spot
		Pulled by:	James Shevokas

Component	Mol%	Wt%	LV%
Carbon Dioxide	2.2548	4.9510	2.0857
Hydrogen Sulfide	0.0000	0.0000	0.0000
Nitrogen	0.1998	0.2793	0.1191
Oxygen	0.0000	0.0000	0.0000
Methane	85.1320	68.1407	78.2262
Ethane	6.8626	10.2956	9.9477
Propane	2.8293	6.2246	4.2249
Isobutane	0.5361	1.5545	0.9508
n-Butane	0.7689	2.2298	1.3139
Isopentane	0.2916	1.0497	0.5780
n-Pentane	0.2200	0.7921	0.4323
Cyclopentane	0.0174	0.0610	0.0280
n-Hexane	0.0835	0.3588	0.1860
Cyclohexane	0.0480	0.2015	0.0885
Other Hexanes	0.1931	0.8252	0.4156
Heptanes	0.1152	0.5740	0.2825
Methylcyclohexane	0.0654	0.3205	0.1425
2,2,4 Trimethylpentane	0.0000	0.0000	0.0000
Benzene	0.0190	0.0741	0.0288
Toluene	0.0266	0.1222	0.0482
Ethylbenzene	0.0012	0.0061	0.0024
Xylenes	0.0098	0.0518	0.0205
C8+ Heavies	0.3257	1.8877	0.8784
Total	100.0000	100.0000	100.0000

Constants Used: GPA Standard 2145-16 (FPS)

Component	Dry Basis Mole %	MW	lb/lb-mol	lb/Mscf
CO ₂	2.25	44.01	0.99	2.62
H ₂ S	0.00	34.08		
N ₂	0.20	28.01	0.06	0.15
O ₂	0.00	16.00		
Methane	85.13	16.04	13.66	35.99
Ethane	6.86	30.07	2.06	5.44
Propane	2.83	44.10	1.25	3.29
i-butane	0.54	58.12	0.31	0.82
n-butane	0.77	58.12	0.45	1.18
i-pentane	0.29	72.15	0.21	0.55
n-pentane	0.22	72.15	0.16	0.42
cyclo-pentane	0.05	72.15	0.03	0.09
Other C6+	0.89	86.117	0.76	2.01
Total:	100.0	Avg. MW = 19.94		
VOC lb/MCF:				8.36

GasCal - [Differential / Volume]

File

Differential / Volume

Differential for known Volume:	Static Pipeline Volume:	Pig Travel Time:
Meter Tube Size: 12	Pipe Diameter: 16	Pipe Diameter: 30
Orifice Plate Size: 3.5	Length: 30000	Length: 17
Pressure: 865	(F)eeet or (M)iles: F	(F)eeet or (M)iles: M
Volume (mcf): 12300	Pressure: 140	Volume (mcf): 200000
Temperature: 72	Temperature: 65	Upstream Pressure: 750
Gravity: 0.582	Pressure Base: 14.73	Downstream Pressure: 700
Mole % CO2: 0	Gravity: 0.644	Temperature: 60
Mole % N2: 0	Barometer: 14.73	Pressure Base: 14.73
Pressure Base: 14.73		Gravity: 0.6
Temperature Base: 60		Barometer: 14.73

Differential 1 Run: 25.5	Vol. (cu. ft.): 441,490.6	Hrs: 2 Min: 48 Sec: 49
Differential 2 Runs: 6.4	Lbs of Gas: 21,750.5	Miles per Hour: 6.04
	Tons of Gas: 10.875	

Input Barometric Pressure in Lbs per Sqr. Inch

Main MenuGas Cal.Plate ChangeWeymouthAnalysisRetro/SetpointBlowdown Cal.

GasCal - [Differential / Volume]

File

Differential / Volume

Differential for known Volume:	Static Pipeline Volume:	Pig Travel Time:
Meter Tube Size: <input type="text" value="12"/>	Pipe Diameter: <input type="text" value="30"/>	Pipe Diameter: <input type="text" value="30"/>
Orifice Plate Size: <input type="text" value="3.5"/>	Length: <input type="text" value="30000"/>	Length: <input type="text" value="17"/>
Pressure: <input type="text" value="865"/>	(F)eeet or (M)iles: <input type="text" value="F"/>	(F)eeet or (M)iles: <input type="text" value="M"/>
Volume (mcf): <input type="text" value="12300"/>	Pressure: <input type="text" value="140"/>	Volume (mcf): <input type="text" value="200000"/>
Temperature: <input type="text" value="72"/>	Temperature: <input type="text" value="65"/>	Upstream Pressure: <input type="text" value="750"/>
Gravity: <input type="text" value="0.582"/>	Pressure Base: <input type="text" value="14.73"/>	Downstream Pressure: <input type="text" value="700"/>
Mole % CO2: <input type="text" value="0"/>	Gravity: <input type="text" value="0.644"/>	Temperature: <input type="text" value="60"/>
Mole % N2: <input type="text" value="0"/>	Barometer: <input type="text" value="14.73"/>	Pressure Base: <input type="text" value="14.73"/>
Pressure Base: <input type="text" value="14.73"/>		Gravity: <input type="text" value="0.6"/>
Temperature Base: <input type="text" value="60"/>		Barometer: <input type="text" value="14.73"/>

Differential 1 Run: <input type="text" value="25.5"/>	Vol. (cu. ft.): <input type="text" value="1,552,115.3"/>	Hrs: <input type="text" value="2"/> Min: <input type="text" value="48"/> Sec: <input type="text" value="49"/>
Differential 2 Runs: <input type="text" value="6.4"/>	Lbs of Gas: <input type="text" value="76,466.5"/>	Miles per Hour: <input type="text" value="6.04"/>
	Tons of Gas: <input type="text" value="38.233"/>	

Main MenuGas Cal.Plate ChangeWeymouthAnalysisRetro/SetpointBlowdown Cal.

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 51225

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 51225
	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	Not answered.
Incident Facility	[fAPP2122931016] Enterprise Farmington GS

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 or is this venting and/or flaring caused by an emergency or malfunction	No
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a venting and/or flaring 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 or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring 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 venting and/or flaring 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	The flaring event began on 9-21-2021 and terminated on 9-22-2021. This was a simultaneous flaring event for the Truck H Loop 16 inch and 30 Inch Pipelines. The flaring event began on 9-21-2021 and terminated on 9-22-2021. The MCF volume is 59.1% of total for the 9-21-2021 time period.

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	85
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
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	68
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sulfide (H2S) PPM quality requirement	0
Carbon Dioxide (CO2) percentage quality requirement	5
Oxygen (O2) percentage quality requirement	0

Date(s) and Time(s)

Date venting and/or flaring was discovered or commenced	09/22/2021
Time venting and/or flaring was discovered or commenced	12:00 AM
Time venting and/or flaring was terminated	01:00 PM
Cumulative hours during this event	13

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Scheduled Maintenance Pipeline (Any) Natural Gas Flared Released: 1,178 Mcf Recovered: 0 Mcf Lost: 1,178 Mcf]
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 or is this venting and/or flaring a result of downstream activity	No
Was notification of downstream activity received by you or your operator	Yes
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	09/07/2021
Time notified of downstream activity requiring this venting and/or flaring	02:52 PM

Steps and Actions to Prevent Waste	
For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	False
Please explain reason for why this event was beyond your operator's control	The flaring event began on 9-21-2021 and terminated on 9-22-2021. This was a simultaneous flaring event for the Truck H Loop 16 inch and 30 Inch Pipelines. The flaring event began on 9-21-2021 and terminated on 9-22-2021. The MCF volume is 59.1% of total for the 9-21-2021 time period.
Steps taken to limit the duration and magnitude of venting and/or flaring	Utilization of proper size flare unit.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	None.

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CONDITIONS

Action 51225

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Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 51225
	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.	9/22/2021