

Meter #: 17618-00  
Name: S.M.G.S.A.UNIT TRACT 1-10

**Sample**

Date: 02/09/2021  
Type: Spot  
Pressure: 32.0 H2O: lbs/mm  
Temperature: 79.0 H2S: 16,164 ppm

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	5.5360		8.2006
Nitrogen, N2	5.7014		5.3759
Methane, C1	48.1233		25.9855
Ethane, C2	14.9815	4.0320	15.1628
Propane, C3	13.7233	3.8047	20.3685
Isobutane, iC4	1.8447	0.6075	3.6089
n-Butane, nC4	4.6624	1.4792	9.1213
Isopentane, iC5	1.1993	0.4414	2.9125
n-Pentane, nC5	1.1050	0.4031	2.6835
Hexanes Plus, C6+	1.5068	0.6617	4.7263
Water, H2O			
Hydrogen Sulfide, H2S	1.6164		1.8542
Oxygen, O2	0.0000		0.0000
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He	0.0000		0.0000
Argon, Ar			
<b>Totals</b>	<b>100.0001</b>	<b>11.4296</b>	<b>100.0000</b>

Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	1.0321
HV, Dry @ Base P,T	1491.24
HV, Sat @ Base P, T	1465.15
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	
HCDP @ Sample Pressure	
Free Water GPM	
Stock Tank Condensate Brls/mm	
26 # RVP Gasoline	2.245
Testcar Permian	1.664
Testcar Panhandle	1.902
Testcar Midcon	1.600

**SEMU BTY BTY**

**MTD Avg Gas – Prod Gas = Vented Gas/ Day**

07/10/2021 – 07/20/2021 = 790

**Pressure Base Conversion**

14.73/15.025 = .98036605

790\* .98036605 = 774 **mcf Vented**

**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 37809

**QUESTIONS**

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 37809
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS****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 or flaring caused by an emergency or malfunction	Yes
Did or will this venting 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 notification of a major venting or flaring	Yes, major venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting 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

**Unregistered Facility Site**

Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.

Facility or Site Name	SEMU BATTERY
Facility Type	Tank Battery - (TB)

**Equipment Involved**

Primary Equipment Involved	Other (Specify)
Additional details for Equipment Involved. Please specify	FLARE STACK

**Representative Compositional Analysis of Vented or Flared Natural Gas**

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

Methane (CH4) percentage	48
Nitrogen (N2) percentage, if greater than one percent	6
Hydrogen Sulfide (H2S) PPM, rounded up	2
Carbon Dioxide (CO2) percentage, if greater than one percent	6
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.

**Date(s) and Time(s)**

Date venting or flaring was discovered or commenced	07/10/2021
Time venting or flaring was discovered or commenced	10:00 AM
Is the venting or flaring event complete	No
Date venting or flaring was terminated	Not answered.
Time venting or flaring was terminated	Not answered.
Total duration of venting or flaring in hours, if venting or flaring has terminated	Not answered.
Longest duration of cumulative hours within any 24-hour period during this event	24

**Measured or Estimated Volume of Vented or Flared Natural Gas**

Natural Gas Vented (Mcf) Details	Cause: Midstream Emergency Maintenance   Other (Specify)   Natural Gas Vented   Spilled: 774 Mcf   Recovered: 0 Mcf   Lost: 774 Mcf
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	FLARE STACK
Is this a gas only submission (i.e. only 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 or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

**Steps and Actions to Prevent Waste**

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For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	DCP MIDSTREAM EQUIPMENT FAILURE
Steps taken to limit the duration and magnitude of venting or flaring	DURATION AND MAGNITUDE OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	CAUSE AND REOCCURRENCE OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE

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CONDITIONS  
  
Action 37809

CONDITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 37809
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	7/23/2021