

Meter #: 16988-00
Name: STATE BO & BP

Sample

Date: 03/04/2021

Type: Spot

Pressure: 46.0 H2O: lbs/mm

Temperature: 74.0 H2S: 3,981 ppm

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide, CO2	1.8068		3.2547
Nitrogen, N2	2.7019		3.0980
Methane, C1	64.7602		42.5238
Ethane, C2	15.6029	4.1914	19.2033
Propane, C3	9.4660	2.6195	17.0849
Isobutane, iC4	0.9039	0.2971	2.1504
n-Butane, nC4	2.4408	0.7729	5.8067
Isopentane, iC5	0.5767	0.2118	1.7031
n-Pentane, nC5	0.5825	0.2121	1.7202
Hexanes Plus, C6+	0.7602	0.3332	2.8996
Water, H2O			
Hydrogen Sulfide, H2S	0.3981		0.5553
Oxygen, O2	0.0000		0.0000
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He	0.0000		0.0000
Argon, Ar			
Totals	100.0000	8.6380	100.0000

Property	Total Sample
Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.8472
HV, Dry @ Base P,T	1372.38
HV, Sat @ Base P, T	1348.37
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	
HCDP @ Sample Pressure	
Free Water GPM	
Stock Tank Condensate Brls/mm	
26 # RVP Gasoline	1.131
Testcar Permian	0.924
Testcar Panhandle	0.852
Testcar Midcon	0.775

NEW MEXICO BO STATE BATTERY

MTD Avg Gas – Prod Gas = Vented Gas/ Day

05/26 = 145 mcf

05/27 = 99 mcf

Total = 244

Pressure Base Conversion

14.73/15.025 = .98036605

244* .98036605 = **239.21 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 32165

QUESTIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 32165
	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, minor 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 19.13.297 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	NEW MEXICO BO STATE 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	65
Nitrogen (N2) percentage, if greater than one percent	3
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	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	05/26/2021
Time venting or flaring was discovered or commenced	07:00 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	05/27/2021
Time venting or flaring was terminated	06:00 AM
Total duration of venting or flaring in hours, if venting or flaring has terminated	23
Longest duration of cumulative hours within any 24-hour period during this event	23

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: 145 Mcf Recovered: 0 Mcf Lost: 145 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	No
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

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	MAGNITUDE AND DURATION OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	CORRECTIVE ACTION OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE

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 32165

CONDITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 32165
	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.	6/15/2021