

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

Sample

Date: 09/30/2021

Type: Spot

Pressure: 46.0 H2O: lbs/mm

Temperature: 91.0 H2S: 0 ppm

Component	Mole %	Liquid Content	Mass %
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Carbon Dioxide, CO2	1.8726		3.3564
Nitrogen, N2	2.9889		3.4100
Methane, C1	64.5259		42.1586
Ethane, C2	15.5698	4.1827	19.0670
Propane, C3	9.4538	2.6162	16.9778
Isobutane, iC4	0.9841	0.3235	2.3295
n-Butane, nC4	2.6484	0.8387	6.2691
Isopentane, iC5	0.6093	0.2238	1.7904
n-Pentane, nC5	0.6097	0.2220	1.7915
Hexanes, C6	0.3815	0.1576	1.3389
Heptanes, C7	0.2667	0.1236	1.0884
Octanes, C8	0.0771	0.0397	0.3587
Nonanes Plus, C9+	0.0122	0.0069	0.0637
Water, H2O			
Hydrogen Sulfide, H2S	0.0000		0.0000
Oxygen, O2			
Carbon Monoxide, CO			
Hydrogen, H2			
Helium, He			
Argon, Ar			

Property	Total Sample
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Pressure Base	14.730
Temperature Base	60.00
Relative Density	0.8514
HV, Dry @ Base P,T	1380.49
HV, Sat @ Base P, T	1356.33
HV, Sat @ Sample P, T	
Fws Factor	
Cricondentherm	
HCDP @ Sample Pressure	
Free Water GPM	
Stock Tank Condensate Brls/mm	
26 # RVP Gasoline	1.151
Testcar Permian	1.058
Testcar Panhandle	0.896
Testcar Midcon	0.749

Totals	100.0000	8.7347	100.0000
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NEW MEXICO BO STATE BTY

MTD Avg Gas – Prod Gas = Vented Gas/ Day

11/19/2021 – 11/19/2021 = 250

Pressure Base Conversion

14.73/15.025 = .98036605

250* .98036605 = 245 **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 65374

QUESTIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 65374
	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	[fAPP2123056912] NEW MEXICO BO STATE BATTERY

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	Yes
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, minor 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	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 and/or flaring was discovered or commenced	11/19/2021
Time venting and/or flaring was discovered or commenced	12:00 AM
Time venting and/or flaring was terminated	11:59 PM
Cumulative hours 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 Released: 245 Mcf Recovered: 0 Mcf Lost: 245 Mcf
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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 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	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/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. LINE LEAK AT DOBBS BOOSTER STATION
Steps taken to limit the duration and magnitude of venting and/or flaring	DURATION AND MAGNITUDE OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE. CROSS TIMBERS ENERGY MINIMIZES EMISSIONS WHERE POSSIBLE.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	CAUSE AND REOCCURANCE OUT OF OUR CONTROL DUE TO MIDSTREAM EQUIPMENT FAILURE. CROSS TIMBERS ENERGY WILL SI GAS WELLS IF FEASIBLE TO REDUCE AMOUNTS VENTED/FLARE UNTIL MIDSTREAM COMPANY COMPLETES REPAIRS

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CONDITIONS

Action 65374

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	Action Number: 65374
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
savarello	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.	12/7/2021