

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

11/22/2021 – 11/22/2021 = 250

Pressure Base Conversion

14.65/15.025 = 97504159

250* 97504159 = 244 mcf Vented

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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 81118

DEFINITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 81118
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 81118

QUESTIONS

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	Action Number: 81118
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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 Operator	[298299] CROSS TIMBERS ENERGY, LLC
Incident Type	Vent
Incident Status	Closure Approved
Incident Well	Not answered.
Incident Facility	[APP2123056912] NEW MEXICO BO STATE BATTERY
<i>Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.</i>	

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 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	Yes
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	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
<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	0
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sulfide (H2S) PPM quality requirement	0
Carbon Dioxide (CO2) percentage quality requirement	0
Oxygen (O2) percentage quality requirement	0

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QUESTIONS, Page 2

Action 81118

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/22/2021
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare 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: 244 Mcf Recovered: 0 Mcf Lost: 244 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 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	No
Downstream OGRID that should have notified this operator	0
Date notified of downstream activity requiring this vent or flare	01/01/1900
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	DCP MIDSTREAM EQUIPMENT FAILURE. LINE LEAK AT DOBBS BOOSTER STATION
Steps taken to limit the duration and magnitude of vent or flare	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 vent or flare	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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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
☒	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
☒	I hereby certify the statements in this amending 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

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CONDITIONS

Created By	Condition	Condition Date
savarello	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	2/12/2022