

CERTIFICATE OF ANALYSIS

Sample Id: 85566
Sample Desc: AGGIE STATE 32 #1A
District: 300 - Chaco West

Effective Date: 06/01/2023 07:00
Sample Date: 05/23/2023 15:10
Analyzed Date: 05/24/2023 11:35
Sample Freq: QUARTERLY
Sample Type: SPOT
Device: Daniel 500
Sampled By:
Chrom ID: N/A
Analyzed By: FSLAB
Last Calibration: 05/22/2023 06:20
GPA Version: 2145-16

Sample Temp (F): 87.0
Sample Press (PSIG): 123.0
Press Base: 14.73

Component	Norm Mole %	Un-Norm Mole %	GPM	Others	Norm Mole %	Un-Norm Mole %	GPM
Methane	91.1512	89.9571	0.0000	Carbon Dioxide	1.2948	1.2778	0.0000
Ethane	5.0536	4.9874	1.3546	H2S	0.0000	0.0000	0.0000
Propane	1.6173	1.5961	0.4466	Nitrogen	0.1053	0.1039	0.0000
Iso Butane	0.3304	0.3261	0.1084	* Hydrogen	0.0000	0.0000	0.0000
Butane	0.2157	0.2129	0.0682	* Oxygen	0.0000	0.0000	0.0000
Iso Pentane	0.0809	0.0798	0.0297	* Helium	0.0000	0.0000	0.0000
Pentane	0.0420	0.0414	0.0153	* Argon	0.0000	0.0000	0.0000
NeoPentane	0.0000	0.0000	0.0000	* Carbon Monoxide	0.0000	0.0000	0.0000
Hexane	0.1088	0.1074	0.0487				
* Heptane	0.0000	0.0000	0.0000	Sub Total Others	1.4001	1.3817	0.0000
* Octane	0.0000	0.0000	0.0000				
* Nonane	0.0000	0.0000	0.0000				
* Decane	0.0000	0.0000	0.0000				
Sub Total GPM	98.5999	97.3082	2.0712				
Others	1.4001	1.3817	0.0000				
Total	100.0000	98.6899	2.0712				

Gravity: 0.6218
Dry BTU: 1084.4
Wet BTU: 1065.5

* Not Tested

AGGIE STATE 32-1A

Daily Avg Volume 70 MCFD

Hourly Avg Volume 2.92 MCF/HR

11/10/2023 9:55 Time Leak began

11/14/2023 9:25 Time Leak Shut in

3.979166667 Days Leaking

95.5 Total Hours Leaking

278.54	Total Calculated Volume Leaked
--------	--------------------------------

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

DEFINITIONS

Action 286386

DEFINITIONS

Operator: Mustang Resources LLC 1660 Lincoln Street Denver, CO 80264	OGRID: 373495
	Action Number: 286386
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.
--

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 286386

QUESTIONS

Operator: Mustang Resources LLC 1660 Lincoln Street Denver, CO 80264	OGRID: 373495
	Action Number: 286386
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 Well	[30-045-32360] AGGIE STATE 32 #001A
Incident Facility	Unavailable.

Determination of Reporting Requirements <i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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	No
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	Flow Line - Production
Additional details for Equipment Involved. Please specify	Leak is below ground. Noticed a drop in production that alerted to leak.

Representative Compositional Analysis of Vented or Flared Natural Gas <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	91
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	1
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	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.

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, Page 2

Action 286386

QUESTIONS (continued)

Operator: Mustang Resources LLC 1660 Lincoln Street Denver, CO 80264	OGRID: 373495
	Action Number: 286386
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/14/2023
Time vent or flare was discovered or commenced	09:00 AM
Time vent or flare was terminated	09:01 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion Flow Line - Production Natural Gas Vented Released: 279 Mcf Recovered: 0 Mcf Lost: 279 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Based on pressure data, the leak began 11/10/23 at 9:55 AM and was not discovered until 11/14/23 at 9:25 AM, at which point the well was immediately shut in. Calculations are based on average well production data.
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	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
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	Leak is below surface, and not visible. Could not see pipe integrity.
Steps taken to limit the duration and magnitude of vent or flare	Well was shut-in.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Pipeline will be replaced once 811 call is cleared.

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

ACKNOWLEDGMENTS

Action 286386

ACKNOWLEDGMENTS

Operator: Mustang Resources LLC 1660 Lincoln Street Denver, CO 80264	OGRID: 373495
	Action Number: 286386
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☒	I hereby certify the statements in this 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.

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 286386

CONDITIONS

Operator: Mustang Resources LLC 1660 Lincoln Street Denver, CO 80264	OGRID: 373495
	Action Number: 286386
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
dtadlock	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.	11/17/2023