



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: DR2021048
Cust No: 21300-10705

Well/Lease Information

Customer Name: D.J.R.
Well Name: BISTI COMP DISCHARGE
County/State:
Location:
Lease/PA/CA:
Formation:
Cust. Stn. No.: 1254

Source: METER RUN
Well Flowing: Y
Pressure: 25 PSIG
Flow Temp: 113 DEG. F
Ambient Temp: 102 DEG. F
Flow Rate: 675 MCF/D
Sample Method: Purge & Fill
Sample Date: 06/17/2021
Sample Time: 3.33 PM
Sampled By: SEAN C.
Sampled by (CO): ABC

Heat Trace: N
Remarks:

Analysis

Component:	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Helium	0.0000	N/R	0.0000	0.00	0.0000
Nitrogen	3.0062	3.0220	0.3310	0.00	0.0291
CO2	1.8045	1.8140	0.3080	0.00	0.0274
Methane	93.8792	94.3730	15.9430	948.18	0.5200
Ethane	1.3071	1.3140	0.3500	23.13	0.0136
Propane	0.0030	0.0030	0.0010	0.08	0.0000
Iso-Butane	0.0000	0.0000	0.0000	0.00	0.0000
N-Butane	0.0000	0.0000	0.0000	0.00	0.0000
I-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
N-Pentane	0.0000	0.0000	0.0000	0.00	0.0000
C6	0.0000	0.0000	0.0000	0.00	0.0000
C7	0.0000	N/R	0.0000	0.00	0.0000
C8	0.0000	N/R	0.0000	0.00	0.0000
C9P	0.0000	N/R	0.0000	0.00	0.0000
Total	100.0000	100.5260	16.933	971.39	0.5901

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT IDEAL: 973.6
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 975.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 958.6
DRY BTU @ 15.025: 995.1
REAL SPECIFIC GRAVITY: 0.5911

CYLINDER #: 230
CYLINDER PRESSURE: 25 PSIG
ANALYSIS DATE: 06/28/2021
ANALYSIS TIME: 09:01:02 AM
ANALYSIS RUN BY: PATRICIA KING

GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA 2286-14

GC: SRI Instruments 8610 Last Cal/Verify: 06/30/2021

GC Method: C9+ Gas



D.J.R.

WELL ANALYSIS COMPARISON

Lease: BISTI COMP DISCHARGE
Stn. No.: 1254
Mtr. No.:

METER RUN

06/30/2021
21300-10705

Smpl Date: 06/17/2021
Test Date: 06/28/2021
Run No: DR2021048

Helium: 0.0000
Nitrogen: 3.0062
CO2: 1.8045
Methane: 93.8792
Ethane: 1.3071
Propane: 0.0030
I-Butane: 0.0000
N-Butane: 0.0000
I-Pentane: 0.0000
N-Pentane: 0.0000
C6: 0.0000
C7: 0.0000
C8: 0.0000
C9P: 0.0000

BTU: 975.6
GPM: 16.9330
SPG: 0.5911

Data

Solve for

Flowrate

Type of Tap

Flange

Pipe Diameter

11.98

inch

Orifice Diameter

0.25

inch

Pressure Drop

38

psi

Cp/Cv, k

1.3

Gas Viscosity

0.012

cP

Pressure (P1)

40

PSIG

Temperature (T1)

80

°F

Molecular Weight

19

lb/h

Compressibility Factor (Z)

1.0

Result

Flowrate

0.0696

MMSCFD

Reynold's Number


1948

Orifice Coefficient (C)

0.5961

Beta Ratio (β)

0.0209

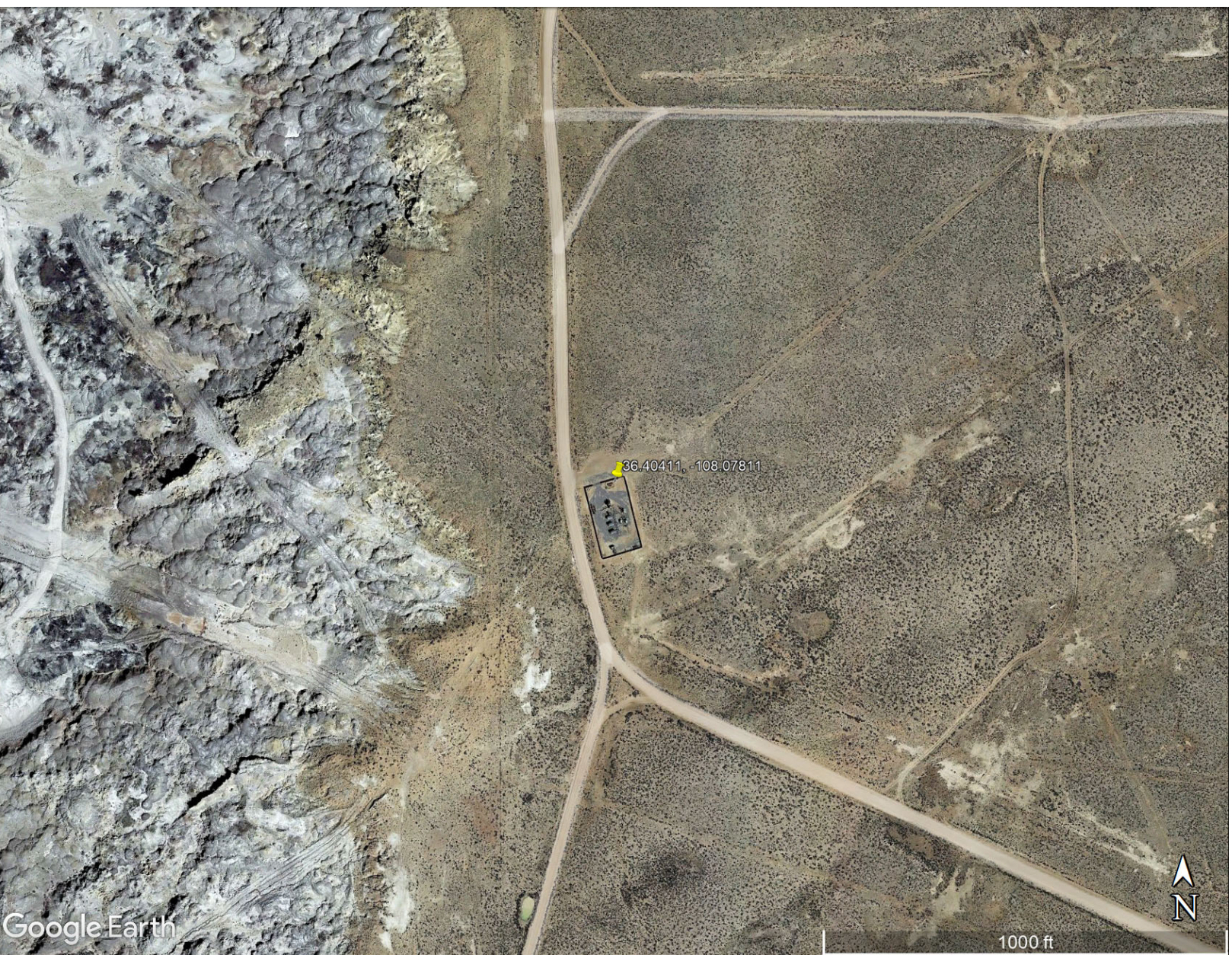


CreativeSafetySupply.com

Units

Received by OCD: 2/23/2022 4:39:39 PM

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District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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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 83824

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 83824
	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.

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QUESTIONS

Action 83824

QUESTIONS

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	Action Number: 83824
	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	[fAPP2123649274] Bisti_Buena Suerte Gathering System

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, major 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 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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved

Primary Equipment Involved	Gas Compressor Station
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas

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

Methane (CH4) percentage	94
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.

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QUESTIONS, Page 2

Action 83824

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/02/2022
Time vent or flare was discovered or commenced	09:59 AM
Time vent or flare was terminated	10:00 AM
Cumulative hours during this event	960

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure Pipeline (Any) Natural Gas Vented Released: 2,560 Mcf Recovered: 0 Mcf Lost: 2,560 Mcf]
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
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	The buried discharge line had a corrosion hole. The line was excavated and repaired.
Steps taken to limit the duration and magnitude of vent or flare	The buried discharge line had a corrosion hole. The line was excavated and repaired.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The buried discharge line had a corrosion hole. The line was excavated and repaired.

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ACKNOWLEDGMENTS

Action 83824

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	Action Number: 83824
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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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
farrell	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.	3/1/2022