Diablo Analytical BTU Report
GPA 2145-16 Analysis

Sample Information

	Sample Information
Sample Name	P36-401H 12-6-21 R2
Station Number	
Taken By	Gas Analysis Service
Operator	DJR
Method Name/Type	GAS High w H2S.met
Injection Date	2021-12-06 11:56:08
Report Date	2021-12-06 12:00:00
EZReporter Configuration File	Standard Sample GAS edit SC 7-12-21.cfgx
Source Data File	2021-12-06 11-55-56 (GMT -07-00)P36-401H 12-6-21 R-Rep2.dat
EZReporter Data File	20211206-120000-P36-401H 12-6-21 R2.ezrx
Data Source	Agilent EZChrom Connector

Component Results

Component Name	Raw Amount	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	21.9450	23.4383	0.0	2.585
Methane	54.9067	58.6427	593.7	9.966
Carbon Dioxide	0.2169	0.2317	0.0	0.040
Ethane	8.2411	8.8019	156.1	2.360
Hydrogen Sulfide	0.0000	0.0000	0.0	0.000
Propane	5.4857	5.8590	147.8	1.618
i-Butane	0.6348	0.6780	22.1	0.222
n-Butane	1.4048	1.5004	49.1	0.474
i-Pentane	0.2906	0.3104	12.4	0.114
n-Pentane	0.2475	0.2643	10.6	0.096
Hexanes Plus	0.2559	0.2733	14.1	0.119
Total:	93.6290	100.0000	1005.8	17.594

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	93.6290	
Total Normalzed Mole%	100.0000	0.0000
Pressure Base (psia)	14.730	
Temperature Base	60.0	
Flowing Temperature (Deg. F)	0.0	
Flowing Pressure (psia)	0.0	
Water Mole%	-	0.0000
Gross Heating Value (BTU / Ideal cu.ft.)	1005.8	0.0
Gross Heating Value (BTU / Real cu.ft.)	1008.6	0.0
Net Heating Value (BTU / Ideal cu.ft.)	913.3	0.0
Relative Density (G), Real	0.8043	0.0000
Compressibility (Z) Factor	0.9973	0.0000
Total GPM	17.594	0.000

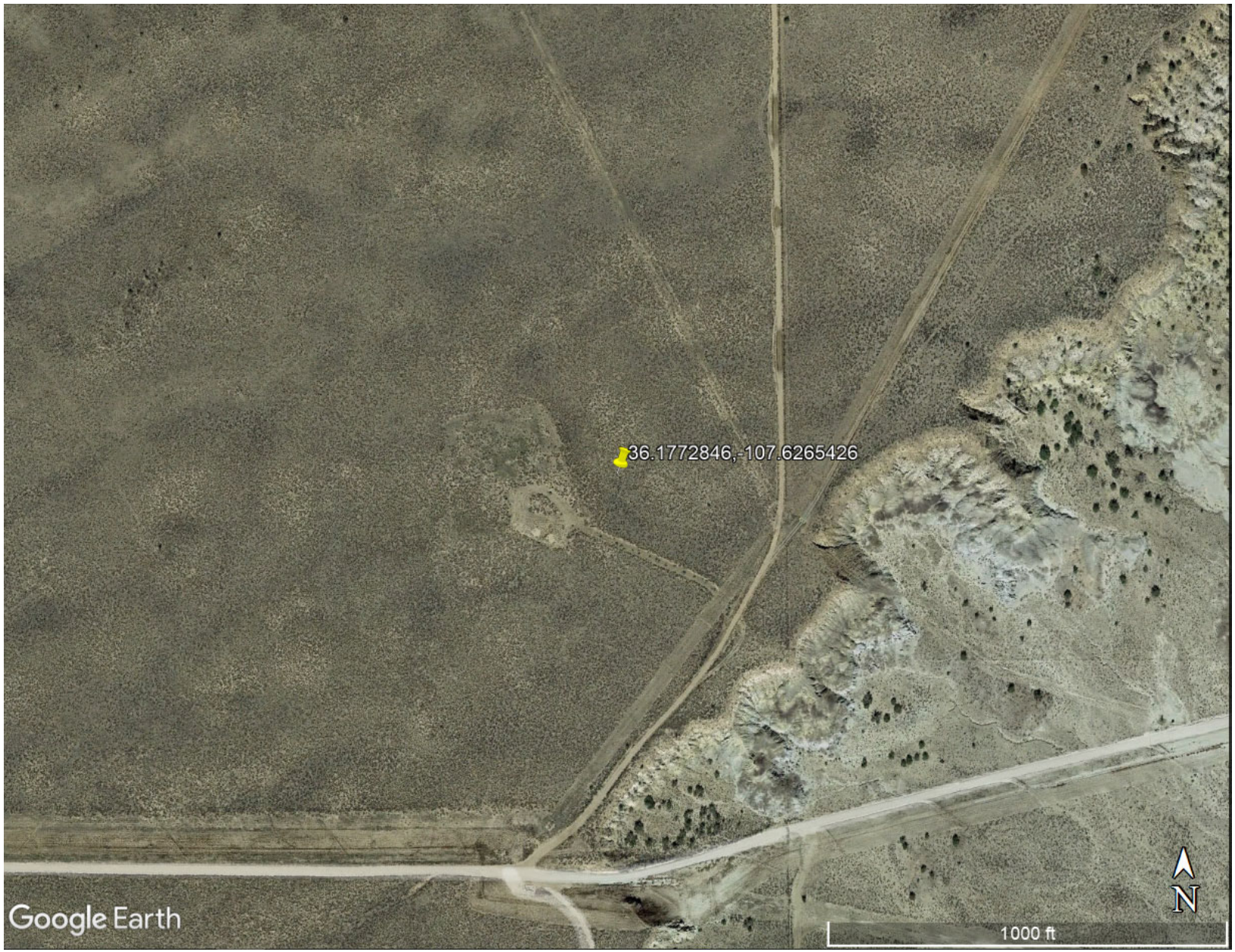
Released to Imaging: 12/11/2021 8:33:31 PM

Released to Imaging: 12/11/2021 8:33:31 PM
Received by OCD: 12/11/2021 8:11:10 PM

Well Name	Date	Prams Total	Hours Flared	Hours Produced	Actual Gas	Flared Volumes
NAU P36 401H	12/9/2021	862.1	24	0	0	862.1

Released to Imaging: 12/11/2021 8:33:31 PM

Received by OCD: 12/11/2021 8:11:10 PM



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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 66382
	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

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 66382
	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	**[30-045-38181] N ALAMITO UNIT #401H**
Incident Facility	*Not answered.*

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional guidance.	
Was this vent or flare caused by an emergency or malfunction	No
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	*Not answered.*
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	59
Nitrogen (N2) percentage, if greater than one percent	23
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (02) 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 Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

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	Action Number: 66382
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/09/2021
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	*Not answered.*
Natural Gas Flared (Mcf) Details	Cause: Other | Producing Well | Natural Gas Flared | Released: 862 Mcf | Recovered: 0 Mcf | Lost: 862 Mcf]
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	No
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	Well was hit by offset completions activity and nitrogen concentrations exceed pipeline specifications.
Steps taken to limit the duration and magnitude of vent or flare	Well was hit by offset completions activity and nitrogen concentrations exceed pipeline specifications.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Flaring will commence once nitrogen concentration are below pipeline specifications.

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ACKNOWLEDGMENTS

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	Action Number: 66382
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (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.

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CONDITIONS

Action 66382

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	Action Number: 66382
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	12/11/2021