

## Diablo Analytical BTU Report GPA 2145-16 Analysis

### Sample Information

Sample Information	
Sample Name	J31-529H R2
Station Number	
Taken By	Gas Analysis Service
Operator	DJR
Method Name/Type	GAS High w H2S.met
Injection Date	2021-11-29 11:21:14
Report Date	2021-11-29 11:25:35
EZReporter Configuration File	Standard Sample GAS edit SC 7-12-21.cfgx
Source Data File	2021-11-29 11-20-57 (GMT -07-00)J31-529H R-Rep2.dat
EZReporter Data File	20211129-112535-J31-529H 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	26.0084	27.5015	0.0	3.033
Methane	51.9804	54.9646	556.4	9.341
Carbon Dioxide	0.2402	0.2540	0.0	0.043
Ethane	7.9252	8.3802	148.6	2.247
Hydrogen Sulfide	0.0000	0.0000	0.0	0.000
Propane	5.0140	5.3018	133.7	1.464
i-Butane	0.5874	0.6211	20.2	0.204
n-Butane	1.2916	1.3657	44.7	0.432
i-Pentane	0.2759	0.2917	11.7	0.107
n-Pentane	0.2411	0.2549	10.2	0.093
Hexanes Plus	1.0067	1.0645	54.7	0.463
Total:	94.5709	100.0000	980.3	17.427

### Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	94.5709	
Total Normalized 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.)	980.3	0.0
Gross Heating Value (BTU / Real cu.ft.)	983.0	0.0
Net Heating Value (BTU / Ideal cu.ft.)	890.9	0.0
Relative Density (G), Real	0.8317	0.0000
Compressibility (Z) Factor	0.9973	0.0000
Total GPM	17.427	0.000



Well Name	Date	Prms Total	Hours Flared	Hours Produced	Actual Gas	Flared Volumes
NAU J31 529H	11/28/2021	1962.5	24	0	0	1962.5



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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**District II**  
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**District III**  
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**District IV**  
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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 64071

## QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 64071
	Action Type: [C-129] Venting and/or Flaring (C-129)

## QUESTIONS

<b>Prerequisites</b>	
<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	[30-043-21335] N ALAMITO UNIT #529H
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 additional guidance.*

Was or is this venting and/or flaring caused by an emergency or malfunction	No
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, major 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 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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

**Equipment Involved**

Primary Equipment Involved	Producing Well
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	55
Nitrogen (N2) percentage, if greater than one percent	28
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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.

**Date(s) and Time(s)**

Date venting and/or flaring was discovered or commenced	11/28/2021
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	Not answered.
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Natural Gas Flared (Mcf) Details	Cause: Other   Producing Well   Natural Gas Flared   Released: 1,962 Mcf   Recovered: 0 Mcf   Lost: 1,962 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.

<b>Venting or Flaring Resulting from Downstream Activity</b>	
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	No
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.

<b>Steps and Actions to Prevent Waste</b>	
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	Well was hit by nearby completions activity. Nitrogen concentrations exceed pipeline specifications.
Steps taken to limit the duration and magnitude of venting and/or flaring	Well was hit by nearby completions activity. Nitrogen concentrations exceed pipeline specifications.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Flaring will conclude once nitrogen concentrations are below pipeline specifications.

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CONDITIONS  
 Action 64071

**CONDITIONS**

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 64071
	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.	11/29/2021