Diablo Analytical BTU Report
GPA 2145-16 Analysis

Sample Information

	Sample Information
Sample Name	P36-401H R2
Station Number	
Taken By	Gas Analysis Service
Operator	DJR
Method Name/Type	GAS High w H2S.met
Injection Date	2021-11-01 10:10:59
Report Date	2021-11-01 10:31:10
EZReporter Configuration File	Standard Sample GAS edit SC 7-12-21.cfgx
Source Data File	2021-11-01 10-10-47 (GMT -06-00)P36-401H R-Rep2.dat
EZReporter Data File	20211101-103110-P36-401H 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	3.0226	3.1236	0.0	0.345
Methane	71.5151	73.9041	748.2	12.574
Carbon Dioxide	0.2862	0.2958	0.0	0.051
Ethane	11.2792	11.6560	206.8	3.128
Hydrogen Sulfide	0.0000	0.0000	0.0	0.000
Propane	6.9512	7.1834	181.2	1.986
i-Butane	0.8010	0.8278	27.0	0.272
n-Butane	1.7902	1.8500	60.5	0.585
i-Pentane	0.3592	0.3712	14.9	0.136
n-Pentane	0.3042	0.3144	12.6	0.114
Hexanes Plus	0.4584	0.4737	24.4	0.206
Total:	96.7673	100.0000	1275.4	19.398

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	96.7673	
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.)	1275.4	0.0
Gross Heating Value (BTU / Real cu.ft.)	1280.3	0.0
Net Heating Value (BTU / Ideal cu.ft.)	1158.2	0.0
Relative Density (G), Real	0.7631	0.0000
Compressibility (Z) Factor	0.9962	0.0000
Total GPM	19.398	0.000

DJR Operating, LLC

Site	API	Date	Prams Total	Hours Flared	Hours produced	Actual Gas TDAY	Flared Volumes
NAU P36 401H	30-045-38181	11/1/2021	1537.6	24	0	0.0	1537.6

DJR Locations Basemap

DJR Energy

0 0.010.02 0.04 mi

Date Printed: 11/1/2021

Legend

- DJR Vertical Surface Locations
- DJR Horizontal Surface Locations

Pad Locations, Existing and Planned

- Planned Pad
- Existing Pad

Ghost Area Roads

- Minor Roads
- Highways

- Highways
- County Roads
- <all other values>
- NAU CLF

N

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 59440

QUESTIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 59440
	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 or is this venting and/or flaring caused by an emergency or malfunction	Yes
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.**
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 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 withing 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	VRT malfunctioned causing O2 to be introduced into the facility.

Representative Compositional Analysis of Vented or Flared Natural Gas	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	74
Nitrogen (N2) percentage, if greater than one percent	3
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.*

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	11/01/2021
Time venting and/or flaring was discovered or commenced	12:01 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.*

Natural Gas Flared (Mcf) Details	Cause: Equipment Failure | Producing Well | Natural Gas Flared | Released: 1,537 Mcf | Recovered: 0 Mcf | Lost: 1,537 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 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.*

Steps and Actions to Prevent Waste	
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	VRT malfunctioned causing oxygen to be introduced into the facility.
Steps taken to limit the duration and magnitude of venting and/or flaring	Flaring is only occurring in order to remove the oxygen levels to appropriate levels in order to go to pipeline.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Only flaring to remove the O2 from the facility.

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CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 59440
	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.	11/2/2021