



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

Analysis No: DU20220635  
Cust No: 23000-12830

### Well/Lease Information

Customer Name: DUGAN PRODUCTION CORP.  
Well Name: CHACO #90  
County/State: SAN JUAN NM  
Location:  
Lease/PA/CA: NM2337  
Formation:  
Cust. Stn. No.: 1,128  
202E-353632  
API # 3004532273  
GOODTIMES GATHERING  
Heat Trace: N  
Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Source: METER RUN  
Well Flowing: Y  
Pressure: 18 PSIG  
Flow Temp: 44 DEG. F  
Ambient Temp: 53 DEG. F  
Flow Rate: 8 MCF/D  
Sample Method: Purge & Fill  
Sample Date: 06/16/2022  
Sample Time: 7.10 AM  
Sampled By: CRAIG STOCK  
Sampled by (CO): DUGAN

### Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.0500	0.7254	0.1160	0.00	0.0102
CO2	0.2963	0.2047	0.0510	0.00	0.0045
Methane	96.4676	66.6424	16.3840	974.32	0.5343
Ethane	2.1744	1.5021	0.5830	38.48	0.0226
Propane	0.0117	0.0081	0.0030	0.29	0.0002
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
Hexane Plus	0.0000	0.0000	0.0000	0.00	0.0000
Total	100.0000	69.0827	17.1370	1013.10	0.5717

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021  
BTU/CU.FT IDEAL: 1015.4  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1017.6  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 999.9  
DRY BTU @ 15.025: 1038.0  
REAL SPECIFIC GRAVITY: 0.5727

CYLINDER #: 7041  
CYLINDER PRESSURE: PSIG  
ANALYSIS DATE: 06/21/2022  
ANALYSIS TIME: 04:21:32 PM  
ANALYSIS RUN BY: RICHARD WILSON

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

GPA Standard: GPA-2261

GC: Danalyzer Model 500

Last Cal/Verify: 06/23/2022

GC Method: C6+ Gas

## Tyra Feil

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**From:** Kevin Smaka  
**Sent:** Wednesday, June 28, 2023 11:09 AM  
**To:** Tyra Feil  
**Cc:** Lynn Collier  
**Subject:** C-129 For Chaco 90

Hey Tyra,

Please file a C-129 for the Chaco 90. Estimated lost volume is 15 MCF. The reason is equipment failure/corrosion of a flow line.

For C-115B purposes this pertains to June reporting. Please let me know what other info PA may need.

Kevin Smaka P.E.  
Regulatory Engineer  
Dugan Production Corp.  
505-486-6207

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

DEFINITIONS

Action 233853

DEFINITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 233853
	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: <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 233853

**QUESTIONS**

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 233853
	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	[30-045-32273] CHACO #090
Incident Facility	Unavailable.

<b>Determination of Reporting Requirements</b> <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	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, answer to "eight hours or more" suggests this is at least a minor event.
<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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	No
Did this vent or flare result in the release of <b>ANY</b> 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Pipeline (Any)
Additional details for Equipment Involved. Please specify	2" poly line from wellhead to meter run had a pencil sized hole on top of pipe where it had a scrape across the top of pipe.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b> <i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	96
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	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.

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QUESTIONS, Page 2

Action 233853

**QUESTIONS (continued)**

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 233853
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/26/2023
Time vent or flare was discovered or commenced	12:13 PM
Time vent or flare was terminated	12:13 PM
Cumulative hours during this event	220

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure   Pipeline (Any)   Natural Gas Vented   Released: 15 Mcf   Recovered: 0 Mcf   Lost: 15 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Volume as estimated based on examination of production chart.
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	Flowline buried 2' in ground, no one could see or tell, until the leak developed.
Steps taken to limit the duration and magnitude of vent or flare	Well was shut in immediately upon discovery.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Damaged section of line was removed and replaced. Further training provided to lease operator to especially listen for leaks and check charts for abnormalities.



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ACKNOWLEDGMENTS  
  
Action 233853

**ACKNOWLEDGMENTS**

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	Action Number: 233853
	Action Type: [C-129] Venting and/or Flaring (C-129)

**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 <b>complete</b> 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

Action 233853

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Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 233853
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tmfeil	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.	6/28/2023