



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

Analysis No: DU20220405  
Cust No: 23000-11395

### Well/Lease Information

Customer Name: DUGAN PRODUCTION CORP.

Well Name: WINIFRED COM 90

County/State: SAN JUAN NM

Location:

Lease/PA/CA: NM104848

Formation:

Cust. Stn. No.: 9,114

202E-388319

TABOR GATHERING

Heat Trace: N

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Source: METER RUN

Well Flowing: Y

Pressure: 7 PSIG

Flow Temp: 63 DEG. F

Ambient Temp: 43 DEG. F

Flow Rate: 29 MCF/D

Sample Method: Purge & Fill

Sample Date: 03/21/2022

Sample Time: 1.47 PM

Sampled By: MARK SANDOVAL

Sampled by (CO): DUGAN

### Analysis

Component::	Mole%:	Unnormalized %:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.5481	0.2573	0.0600	0.00	0.0053
CO2	0.8068	0.3787	0.1380	0.00	0.0123
Methane	97.7850	45.9010	16.6080	987.63	0.5416
Ethane	0.4587	0.2153	0.1230	8.12	0.0048
Propane	0.1440	0.0676	0.0400	3.62	0.0022
Iso-Butane	0.0401	0.0188	0.0130	1.30	0.0008
N-Butane	0.0458	0.0215	0.0140	1.49	0.0009
I-Pentane	0.0236	0.0111	0.0090	0.94	0.0006
N-Pentane	0.0126	0.0059	0.0050	0.51	0.0003
Hexane Plus	0.1353	0.0635	0.0600	7.13	0.0045
Total	100.0000	46.9407	17.0700	1010.75	0.5732

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0021  
BTU/CU.FT IDEAL: 1013.1  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1015.2  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 997.5  
DRY BTU @ 15.025: 1035.5  
REAL SPECIFIC GRAVITY: 0.5742

CYLINDER #: 4079  
CYLINDER PRESSURE: PSIG  
ANALYSIS DATE: 04/05/2022  
ANALYSIS TIME: 10:22:51 AM  
ANALYSIS RUN BY: RICHARD WILSON

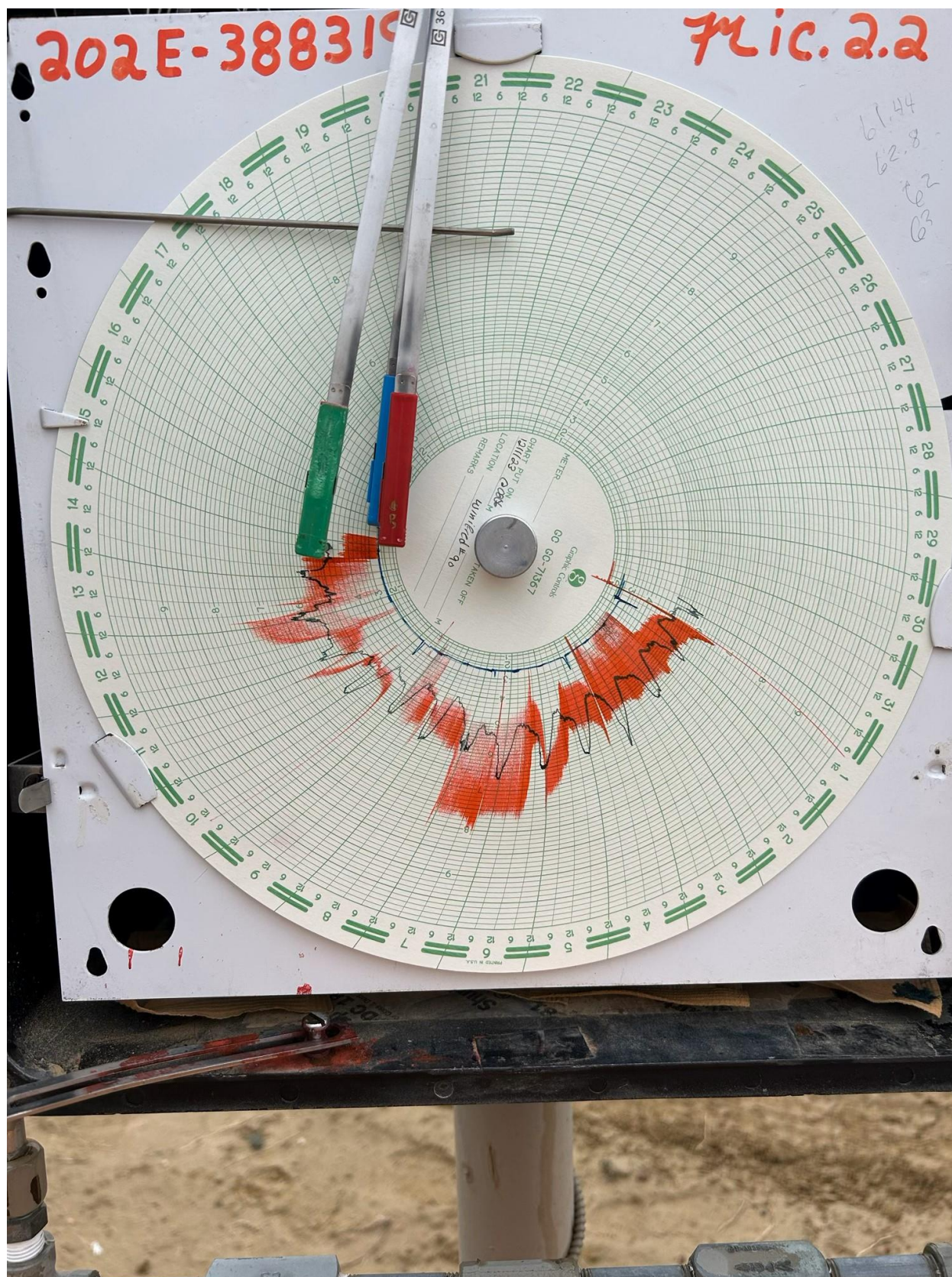
GPM, BTU, and SPG calculations as shown above are based on current GPA constants.

GPA Standard: GPA-2261

GC: Danalyzer Model 500

GC Method: C6+ Gas

Last Cal/Verify: 04/06/2022





## Tyra Feil

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**To:** Kevin Smaka  
**Subject:** RE: Winifred com 90

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**From:** Kevin Smaka <Kevin.Smaka@duganproduction.com>  
**Sent:** Friday, December 15, 2023 11:52 AM  
**To:** Neil Haws <Neil.Haws@duganproduction.com>; Tyra Feil <Tyra.Feil@duganproduction.com>; Lynn Collier <Lynn.Collier@duganproduction.com>  
**Cc:** Erin Aas <Erin.Aas@duganproduction.com>; Mollie Lemasters <Mollie.Lemasters@duganproduction.com>  
**Subject:** RE: Winifred com 90

For the purposes of reporting, we need to file a C-129. The duration of venting is roughly 18 hours. The volume lost is estimated at 2 mcf.

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

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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

Action 295453

DEFINITIONS

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 295453
	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 295453

**QUESTIONS**

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 295453
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b> 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	[30-045-30577] WINIFRED COM #090
Incident Facility	Unavailable.

<b>Determination of Reporting Requirements</b> 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	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.
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	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	Gas Well
Additional details for Equipment Involved. Please specify	Hole in casing under casing nut. Casing thin and corroded.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b> Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	98
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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 295453

**QUESTIONS (continued)**

Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 295453
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/14/2023
Time vent or flare was discovered or commenced	07:32 AM
Time vent or flare was terminated	01:32 PM
Cumulative hours during this event	18

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion   Well   Natural Gas Vented   Released: 2 Mcf   Recovered: 0 Mcf   Lost: 2 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Calculated estimated loss at 2 mcf using 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	Hole in casing was 12" below grade, not visible.
Steps taken to limit the duration and magnitude of vent or flare	Pumping unit was shut down.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Welded encirclement around casing to fix and reinforce.



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ACKNOWLEDGMENTS  
  
Action 295453

ACKNOWLEDGMENTS

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	Action Number:  295453
	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 295453

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Operator: DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID: 6515
	Action Number: 295453
	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.	12/18/2023