



# Certificate of Analysis

Number: 6030-26033441-004A

**Artesia Laboratory**  
 200 E Main St.  
 Artesia, NM 88210  
 Phone 575-746-3481

Rick Wright  
 Burnett Oil Co., Inc.  
 Burnett Plaza - Suite 1500  
 Fort Worth, TX 76102

Field:	Loco Hills	Report Date:	04/07/2026
Station Name:	JACKSON A-2 TEST #2 -- Meter Run	Sampled By:	GP
Station Number:	74649013	Sample Of:	Gas
Station Location:	Burnett	Sample Type:	Spot
Sample Point:	Meter Run	Sample Conditions:	30.8 psig, @ 65.9 °F Ambient: 51 °F
Formation:	Quarterly	Sample Date:	03/23/2026 10:00
County:	Eddy, NM	Received Date:	03/25/2026
Type of Sample:	Spot-Cylinder	Login Date:	03/25/2026
Heat Trace Used:	N/A	Effective Date:	04/01/2026
Sampling Method:	Fill and Purge	Flow Rate:	
Sampling Company:	SPL	Sampling Method:	Purge/Fill
Instrument:	6030_GC6 (Inficon GC-3000 Micro)	Heating Method:	N/A
Last Inst. Cal.:	03/23/2026 09:59:42	Method:	GPA-2261M
Analyzed:	03/26/2026 09:50:18 by CDW	Cylinder No:	1111-010384

## Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.000	0.000	0.000		GPM TOTAL C2+ 8.872
Nitrogen	1.848	1.874	2.167		GPM TOTAL C3+ 4.349
Methane	65.394	66.306	43.899		GPM TOTAL iC5+ 1.000
Carbon Dioxide	0.878	0.890	1.617		
Ethane	16.603	16.834	20.891	4.523	
Propane	8.358	8.475	15.423	2.346	
Iso-butane	0.858	0.870	2.087	0.286	
n-Butane	2.233	2.264	5.431	0.717	
Iso-pentane	0.570	0.578	1.721	0.212	
n-Pentane	0.657	0.666	1.983	0.243	
Hexanes Plus	1.226	1.243	4.781	0.545	
	<u>98.625</u>	<u>100.000</u>	<u>100.000</u>	<u>8.872</u>	

<b>Calculated Physical Properties</b>	<b>Total</b>	<b>C6+</b>
Relative Density Real Gas	0.8404	3.2176
Calculated Molecular Weight	24.23	93.19
Compressibility Factor	0.9951	

**GPA 2172 Calculation:**

**Calculated Gross BTU per ft<sup>3</sup> @ 14.73 psia & 60°F**

Real Gas Dry BTU	1407	5141
Water Sat. Gas Base BTU	1383	5052

**Comments:** H2S Field Content: 0 %

*Mostaq Ahammad*

Mostaq Ahammad, Petroleum Chemist

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated. The test results apply to the sample as received.

Date	Battery	Time Start	Time Stop	Hrs	Gas Total	Sales	MCF Flared	Cause/Type
4/8/2026	JA2	11:30	23:59	12.5	637	129	508	Kinitek Emergency

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
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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 573679

**DEFINITIONS**

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 573679
	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

Action 573679

**QUESTIONS**

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	Action Number: 573679
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**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	Unavailable.
Incident Facility	[fAPP2202155820] Jackson A 2 Tank Battery

<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	Yes
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.
<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	Yes
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Gas Plant
Additional details for Equipment Involved. Please specify	Not answered.

<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	66
Nitrogen (N2) percentage, if greater than one percent	2
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
<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 573679

**QUESTIONS (continued)**

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	Action Number: 573679
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**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/08/2026
Time vent or flare was discovered or commenced	11:30 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	13

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	Cause: Midstream Emergency Maintenance   Gas Plant   Natural Gas Flared   Released: 508 Mcf   Recovered: 0 Mcf   Lost: 508 Mcf.
Other Released Details	<i>Not answered.</i>
Additional details for Measured or Estimated Volume(s). Please specify	<i>Not answered.</i>
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>Yes, according to supplied volumes this appears to be a "gas only" report.</b>

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	Yes
Was notification of downstream activity received by this operator	Yes
Downstream OGRID that should have notified this operator	[224903] FRONTIER FIELD SERVICES, LLC
Date notified of downstream activity requiring this vent or flare	04/08/2026
Time notified of downstream activity requiring this vent or flare	11:19 AM

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	Due to DCP (Phillips) & Durango (Kinitek) purchasers both experiencing force majeure shut-in events simultaneously the facility's pressure relief safety measures were forced into their working constraints.
Steps taken to limit the duration and magnitude of vent or flare	The facilities pressure relief safety system functions only to maintain safe working parameters of the equipment. Once the force majeure event is rectified, these safety functions will no longer be in action as the facility returns to safe and normal operating conditions.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	We have established two separate gas purchasing contracts to maximize the takeaway potential of this gas. Each purchaser can carry gas to market, and is not dependent on the other.



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ACKNOWLEDGMENTS

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	Action Number: 573679
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**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

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**CONDITIONS**

Created By	Condition	Condition Date
bburns	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.	4/9/2026