

Certificate of Analysis

Number: 6030-25040355-002A

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

Steve Forister Riley Permian Operating Co Midland, TX

Field:
Station Name: Peterson 7 -10H
Station Number: 67733051
Station Location: Riley Permian
Sample Point: Meter Run

Heating Method:

Method:

Cylinder No:

GPA-2261M
1111-006905

Instrument: 6030_GC6 (Inficon GC-3000 Micro)

Last Inst. Cal.: 04/22/2025 06:49:58

Analyzed: 04/24/2025 09:36:14 by CDW

Report Date: 04/24/2025

Sampled By: Francisco Romero

Sample Of: Gas Sample Type: Spot

Sample Conditions: 70 psig, @ 86 °F Ambient: 60 °F

Sample Date: 04/14/2025 12:00
Received Date: 04/15/2025
Login Date: 04/01/2025
Effective Date: 04/01/2025

Flow Rate: 594.77 SCFD

Sampling Method:

Analytical Data

Components L	Jn-normalized Mol %	Mol. %	W t. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.0000	0.8000	1.1171		GPM TOTAL C2+	8.541
Nitrogen	1.2034	1.1800	1.3544		GPM TOTAL C3+	4.428
Methane	67.8438	66.5260	43.7278		GPM TOTAL iC5+	0.909
Carbon Dioxide	1.8240	1.7886	3.2252			
Ethane	15.6120	15.3087	18.8604	4.113		
Propane	8.4191	8.2556	14.9155	2.285		
lso-butane	1.1701	1.1474	2.7324	0.377		
n-Butane	2.7592	2.7056	6.4432	0.857		
Iso-pentane	0.6568	0.6440	1.9037	0.237		
n-Pentane	0.6591	0.6463	1.9105	0.235		
Hexanes Plus	1.0176	0.9978	3.8098	0.437		
	101.1651	100.0000	100.0000	8.541		
Calculated Physical Pro	Calculated Physical Properties		otal	C6+		
Relative Density Real Ga		0.8	465	3.2176		
	Calculated Molecular Weight		1.41	93.19		
Compressibility Factor	_		951			
GPA 2172 Calculation:						
Calculated Gross BTU	sia & 60°F					
Real Gas Dry BTU		139	94.1	5141.1		
Water Sat. Gas Base BT	·U	137	' 0.3	5051.6		
Ideal, Gross HV - Dry at	14.73 psia	138	37.3	5141.1		
Ideal, Gross HV - Wet	•	136	3.0	5051.6		

Comments: Reran Sample Confirmed GC Analysis

H2S Field Content: 0.8 %

Mostag Ahamma

Hydrocarbon Laboratory Manager

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.

Peterson 7 Federal Com CTB

Flared 620 MCF 6/5/2025

You should be fine as the instructions came from me to make the change. I would advise including a copy of this email chain as an attachment on the C-129 report in addition to any additional attachments, so it is documented in the incident file.

Thank you,

Brittany Hall

Environmental Field Compliance Supervisor
Environmental Field Compliance Group
EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 505.517.5333 | Brittany.Hall@emnrd.nm.gov

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS"

 $The Digital C-141 \ guidance \ documents \ can be found \ at \ \underline{https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or \ \underline{https://$

From: Deb Fiorda <debfiorda@rileypermian.com Sent: Monday, July 14, 2025 12:26 PM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Subject: RE: [EXTERNAL] TB Registration Question

Thank you.



From: Hall, Brittany, EMNRD sent: Monday, July 14, 2025 12:55 PM
To: Deb Fiorda debfiorda@rileypermian.com

Subject: RE: [EXTERNAL] TB Registration Question

When I went to deactivate the Peterson 7 Federal Com CTB [fAPP2515680727] I noticed that a venting/flaring event has been reported (NAPP2515681044) on 6/5/2025

I am unable to deactivate a facility ID that has venting/flaring reported. In order to move forward, you will have to re-report this venting/flaring event under the API number for the well and request a cancellation of NAPP2515681044 via the C-129C.

Please let me know when this is completed and I will deactivate the facility.

I will be traveling this afternoon and in a conference tomorrow (7/15) and Wednesday (7/16) but I will be back in the office on Thursday (7/17).

Trialis, you,

Brittany Hall © Environmental Field Compliance Supervisor
Environmental Field Compliance Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410 505.517.5333 | Brittany.Hall@emnrd.nm.gov

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Sent: Friday, July 11, 2025 3:12 PM

To: Hall, Brittany, EMNRD < Brittany, Hall@emnrd.nm.gov> Subject: RE: [EXTERNAL] TB Registration Question

Okay, I was just being asked how to find them for the production reports, I believe but I don't see any listed anywhere. So I wanted to check



Deb Fiorda

From: Hall, Brittany, EMNRD < Brittany, Hall@emnrd.nm.gov>
Sent: Friday, July 11, 2025 4:00 PM To: Deb Fiorda <<u>debfiorda@rileypermian.com</u>>
Subject: RE: [EXTERNAL] TB Registration Question

We wont need the points of disposition for the tank battery.

Brittany Hall ● Environmental Field Compliance Supe Environmental Field Compliance Group EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 505.517.5333 | Brittany, Hall@emnrd.nm.gov http://www.emnrd.nm.gov/ocd/

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From: Deb Fiorda <debfjorda@r Sent: Friday, July 11, 2025 2:56 PM

To: Hall, Brittany, EMNRD < Brittany, Hall@emnrd.

Subject: RE: [EXTERNAL] TB Registration Question

Okay, I will get that sent over to you as soon as possible.

Sorry, Point of Disposition. I can see them for the wells on the OCD site but can't find any for tank batteries.

Points of Disposition

OI	Туре	Description	Pool(s)
4019506	Oil	AID 24 STATE #004	[96210] EMPIRE; GLORIETA-YESO
4019505	Gas	AID 24 STATE #004	[96210] EMPIRE; GLORIETA-YESO



Regulatory Special

From: Hall, Brittany, EMNRD Rent: Friday, July 11, 2025 3:50 PM
To: Deb Fiorda Lebfiorda@rileypermian.com
Subject: RE: [EXTERNAL] TB Registration Question

Yes, you can send the information to me and I can make the change, but I am unclear on what you mean by the "POD". OCD does not use POD numbers for wells. The New Mexico Office of the State Engineer (NM OSE) uses POD numbers for water wells, livestock wells, etc.

Brittany Hall ● Environmental Field Compliance Supervisor Environmental Field Compliance Group

EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410

505.517.5333 | Brittany.Hall@emnrd.nm.gov

vw.emnrd.nm.gov/ocd/

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The Digital C-141 guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/

Sent: Friday, July 11, 2025 2:35 PM

To: Hall, Brittany, EMNRD < Brittany, Hall@emnrd.nm.gov>

Subject: RE: [EXTERNAL] TB Registration Question

Great, thank you for the information. Do I just send it to you?

Another question I have is- I see the POD is listed for oil wells on the OCD site but I am being asked how we find the POD for Tank Batteries. Is that also on the website? I'm not seeing it anywhere



Deb Fiorda Regulatory Specialist

From: Hall, Brittany, EMNRD knrb: Wednesday, July 9, 2025 3:04 PM
To: Deb Fiorda knrb: knrb: k

Unfortunately, there is no way to unregister a tank battery or removed it from our system.

We can set the battery's status to inactive. To do that we will need to have the facility ID provided and a statement from Riley Permian that the tank battery only serves a single well (include the well name and API) and that all venting and flaring at the battery is reported under the well.

Thank you,

Brittany Hall
Environmental Field Compliance Supervisor

Environmental Field Compliance Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

505.517.5333 | Brittany.Hall@en http://www.emnrd.nm.gov/ocd/

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From: Deb Fiorda <debfjorda@

Sent: Wednesday, July 9, 2025 1:16 PM

To: Hall, Brittany, EMNRD stritany, EMNRD <

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

A little over a month ago I was asked to register a tank battery, and I did but it should not have been registered since it's a single well. Is there any way to correct that? Or unregister it?





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

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

DEFINITIONS

Action 487363

DEFINITIONS

Operator:	OGRID:
RILEY PERMIAN OPERATING COMPANY, LLC	372290
29 E Reno Avenue, Suite 500	Action Number:
Oklahoma City, OK 73104	487363
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

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 487363

Curta	. 0, 14141 07 0	
Q	UESTIONS	
Operator:		OGRID:
RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500		372290 Action Number:
Oklahoma City, OK 73104		487363
		Action Type: [C-129] Amend Venting and/or Flaring (C-129A)
QUESTIONS		
Prerequisites		
Any messages presented in this section, will prevent submission of this application. Please resolve	these issues before con	tinuing with the rest of the questions.
Incident ID (n#)	Unavailable.	
Incident Name	Unavailable.	
Incident Type	Flare	
Incident Status	Unavailable.	
Incident Well	[30-015-50038] PE	TERSON 7 FEDERAL COM #010H
Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section	on) that are assigned to	your current operator can be amended with this C-129A application.
Determination of Reporting Requirements	nd may prayida addiana	I wiidana
Answer all questions that apply. The Reason(s) statements are calculated based on your answers are		guidance.
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	No	
Is this considered a submission for a vent or flare event	Yes, major venting	g 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 v	enting and/or flaring tha	t 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	Yes	
Did this vent or flare 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	No	
watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water		
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	No	
existence		
Endowed by Art Control		
Equipment Involved	1	
Primary Equipment Involved	Not answered.	
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. Methano (CHA) percentage	67	
Methane (CH4) percentage Nitrogen (N2) percentage, if greater than one percent	67	
	1	
Hydrogen Sulfide (H2S) PPM, rounded up	1	
Carbon Dioxide (C02) percentage, if greater than one percent	2	
Oxygen (02) percentage, if greater than one percent	0	
If you are venting and/or flaring because of Pipeline Specification, please provide the required spec	ifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.	
Nitrogen (N2) percentage quality requirement	Not answered.	

Not answered.

Not answered.

Not answered.

Hydrogen Sufide (H2S) PPM quality requirement

Oxygen (02) percentage quality requirement

Carbon Dioxide (C02) percentage quality requirement

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QUESTIONS, Page 2

Action 487363

QUESTI	ONS (continued)	
Operator:	OGRID:	
RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500	372290 Action Number:	
Oklahoma City, OK 73104	487363	
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)	
QUESTIONS		
Date(s) and Time(s)		
Date vent or flare was discovered or commenced	06/05/2025	
Time vent or flare was discovered or commenced	12:00 AM	
Time vent or flare was terminated	06:00 AM	
Cumulative hours during this event	6	
Measured or Estimated Volume of Vented or Flared Natural Gas		
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Pipeline (Any) Natural Gas Flared Released: 620 Mcf	
	Recovered: 0 Mcf Lost: 620 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 this vent or flare a result of downstream activity	Yes	
Was notification of downstream activity received by this operator	No	
Downstream OGRID that should have notified this operator	[229153] DCP MIDSTREAM L.P.	
Date notified of downstream activity requiring this vent or flare	06/05/2025	
Time notified of downstream activity requiring this vent or flare	04:00 PM	
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 had highline pressure due to plant issues and take away issues. This was reported timely on 6/5 but we had to delete the incident and report on the well since it shouldn't have been registered as a tb and was causing issues with the production report.	
Steps taken to limit the duration and magnitude of vent or flare	Discuss early notification from DCP and well shut off controls	
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Pipeline monitoring and production controls to notify operations earlier	

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ACKNOWLEDGMENTS

Action 487363

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	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

ACKNOWLEDGMENTS

V	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
V	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
V	I hereby certify the statements in this amending 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.
✓	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.
V	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 487363

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29 E Reno Avenue, Suite 500	Action Number:
Oklahoma City, OK 73104	487363
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By		Condition Date
debfiorda	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	7/22/2025