

Murchison Oil and Gas, LLC (15363)**Wells with Flare Install prior to 5/25/21 & Average Daily Production (2022) Less than or Equal to 60 MCFGPD***(Retrofit Not Required Until Flare Stack Needs to be Replaced)*

Location Name	API	Coordinates NAD83	Original	Average Daily Production (MCF)	Average Daily Flare (MCF)
			Installation Date		
HUGGIE BEAR STATE COM #001	30-015-32176	32.8683472, -104.1418839	10/2012	28	0
VANDIVER FEE #001H	30-015-40589	32.7484131, -104.4118652	8/18/2013	24	0

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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DEFINITIONS

Action 208450

DEFINITIONS

Operator: Murchison Oil and Gas, LLC 7250 Dallas Parkway Plano, TX 75024	OGRID: 15363
	Action Number: 208450
	Action Type: [UF-FAC] FS Certification (UF-FSC)

DEFINITIONS

19.15.27.8.E(3)(a) NMAC requires operators installing flare stacks after May 25, 2021 to equip them with an automatic ignitor or continuous pilot.
19.15.27.8.E(3)(b) NMAC requires operators to retrofit a flare stack installed before May 25, 2021, with an automatic ignitor, continuous pilot, or technology that alerts the operator that the flare may have malfunctioned, no later than 18 months after May 25, 2021. <u>The retrofit deadline is November 25, 2022.</u>
19.15.27.8.E(3)(c) NMAC requires flare stacks at wells or facilities, with an average daily production of equal to or less than 60 MCF per day (MCF/d), are only required to be retrofitted if replaced after May 25, 2021.
If a well or facility has more than one flare stack, they should be individually counted and as necessary, listed individually in the attachments.
For average daily production calculations “Average daily well production” means the number derived by dividing the total volume of natural gas produced from a single well in the preceding 12 months by the number of days that natural gas was produced from the well during the same period. “Average daily facility production” means, for a facility receiving production from two or more wells, the number derived by dividing the total volume of natural gas produced from all wells at the facility during the preceding 12 months by the number of days, not to exceed 365, that natural gas was produced from one or more wells during the same period.
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"; • hereinafter (i) all devices equipped with a burner used to flare natural gas, (ii) all independently registered flare stacks, and (iii) all flare stacks located on wells or facilities, are referred to as "flare stacks"; • number of flare stacks at wells, hereinafter "well flare stacks"; • number of flare stacks at facilities, hereinafter "facility flare stacks"; • flare stacks at any location(s), with a current average daily production (hereinafter w/ c.a.d.p.) in relationship to the 60 MCF per day threshold calculations defined above.

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QUESTIONS

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QUESTIONS

Prerequisites	
Reason For Filing	Self-Certification of Flare Stack - Installation, Low Production and Retrofitting
[OGRID] Operator	[15363] Murchison Oil and Gas, LLC
Active wells on file for this operator	124
Active facilities on file for this operator	3

Certification of All Flare Stacks	
Please answer all the questions in this group.	
Total number of flare stacks <u>at ALL</u> locations.	
Total well flare stacks	3
Total facility flare stacks	5
Total flare stacks <u>at ALL</u> locations	8

Certification of Installations on May 25 th 2021 or Later	
Please answer all the questions in this group.	
Number of flare stacks installed May 25 th 2021 or later.	
Well flare stacks installed May 25, 2021 or later	0
Facility flare stacks installed May 25, 2021 or later	0
Number of flare stacks installed May 25 th 2021 or later that didn't have an automatic ignitor or continuous pilot.	
Well flare stacks installed May 25, 2021 or later pending installation	0
Facility flare stacks installed May 25, 2021 or later pending installation	0
Total flare stacks installed May 25 th 2021 or later pending installation ¹	0

Certification of Installations Prior to May 25 th 2021	
Please answer all the questions in this group.	
Number of flare stacks installed prior to May 25 th 2021.	
Well flare stacks installed prior to May 25, 2021	3
Facility flare stacks installed prior to May 25, 2021	5
Number of flare stacks at locations (w/ c.a.d.p.) less than or equal to 60 MCF per day (MCF/d) installed prior to May 25 th 2021.	
Prior well flare stacks at locations (w/ c.a.d.p.) ≤ 60 MCF/d	2
Prior facility flare stacks at locations (w/ c.a.d.p.) ≤ 60 MCF/d	0
Total prior flare stacks at locations (w/ c.a.d.p.) ≤ 60 MCF per day ²	2
Number of flare stacks at locations (w/ c.a.d.p.) more than 60 MCF per day (MCF/d) installed prior to May 25 th 2021.	
Prior well flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d	1
Prior facility flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d	5
Number of flare stacks at locations (w/ c.a.d.p.) more than 60 MCF per day (MCF/d) installed prior to May 25 th 2021, that have been retrofitted as required.	
Prior well flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d, already retrofitted	1
Prior facility flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d, already retrofitted	5
Number of flare stacks at locations (w/ c.a.d.p.) more than 60 MCF per day (MCF/d) installed prior to May 25 th 2021, that require retrofitting.	
Prior, pending retrofit, well flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d	0
Prior, pending retrofit, facility flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d	0
Total prior flare stacks that require and are pending retrofit ³	0

Wells and Facilities Still Pending Installation, Low Production Exception, and Pending Retrofit	
Provide detailed information in a required attachment for any item with a value greater than zero.	
¹ Total flare stacks installed May 25 th 2021 or later pending installation	0
For flare stacks installed May 25 th 2021 or later without an automatic ignitor or continuous pilot, supply a "Pending Installation List" with the following information: (i) location name; (ii) well API or facility ID (##); (iii) location coordinates; (iv) planned installation date; (v) planned installation type; (vi) average daily flare volume; (vii) a brief description of why the flare was not constructed with an auto ignitor or continuous pilot.	
² Total prior flare stacks at locations (w/ c.a.d.p.) ≤ 60 MCF per day	2
For flare stacks installed prior to May 25 th 2021 at locations (w/ c.a.d.p.) less than or equal to 60 MCF per day, supply a "Low Production List" with the following information: (i) location name; (ii) well API or facility ID (##); (iii) location coordinates; (iv) original installation date; (v) average daily production volume; (vi) average daily flare volume.	
³ Total prior flare stacks that require and are pending retrofit	0
For flare stacks installed prior to May 25 th 2021 at locations (w/ c.a.d.p.) greater than 60 MCF per day <u>not yet retrofitted</u> , supply a "Pending Retrofit List" with the following information: (i) location name; (ii) well API or facility ID (##); (iii) location coordinates; (iv) planned retrofit date; (v) planned retrofit type; (vi) average daily flare volume; (vii) a brief description of why the flare has not been retrofitted yet.	

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ACKNOWLEDGMENTS

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☒	I certify that I am authorized to submit certifications on behalf of this operator.
☒	I certify that this operator's flare stacks have been installed or retrofitted in compliance with 19.15.27.8.E(3) NMAC except those listed in the three attachments, as defined, and indicated above.
☒	I hereby certify that, after reasonable inquiry, the information submitted with this documentation is true, accurate and complete and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.