

Pending Retrofit List for flares that were installed after May 25, 2021							
Location Name	Well API of Facility ID	Latitude (NAD 83)	Longitude (NAD83)	Planned retrofit date	Planned Retrofit Type	Brief description of why the flare has not been retrofitted yet	Initial Installation Date
Bel Air West Battery	fAPP2231962543	32.69633	-103.68898	7/1/2023	DBI AF-444 98% Destruction Efficiency	Pending installation	3/1/2023

Low Production List (<60 MCF)					
Location Name	Well API or Facility ID	Lattitude (NAD 83)	Longitude (NAD83)	AVG Daily Production	Initial Date Installed
Gazelle 31 Battery	fAPP2315148363	32.70189	-103.69607	28	1/19/2001
Algeria 32 State 1	3001535339	32.34313965	-104.3202896	56	9/27/2008
Anaconda 11 Fed 1	3002534701	32.59296	-103.6403	54	12/23/1999
Aztec 14 Fed Com 1	3002533999	32.486817	-103.6493091	50	10/20/1997
Daisy Duke 31 State Com 003H	3001542224	32.34626007	-104.3243332	45	7/13/2015
Outland State Unit 1Y	3002534818	32.488	-103.4297	34	4/12/2000
Renegade BPG Federal #1H	3002539768	32.04875833	-103.414075	33	1/8/2011

Pending Retrofit List for Flares that were installed Prior to May 25, 2021							
Location Name	Well API or Facility ID	Latitude	Longitude	Planned retrofit date	Planned Retrofit Type	Brief description of why the flare has not been retrofitted yet	Initial Installation Date
Antler 17 State Battery	fAPP2126544734	32.3848802	-103.39425	7/1/2023	DBI AF-444 98% Destruction Efficiency	Pending installation	2/26/2018
Diamondback 24-25 Fed Battery	fAPP2124431955	32.6527101	-103.713601	7/1/2023	DBI AF-444 98% Destruction Efficiency	Pending Installation	7/30/2018
Ocotillo 6-31 State Com Battery	fAPP2123833170	32.32694	-104.32823	8/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	6/26/2019
Spitfire 16 State Com Tank Battery	fAPP2123833729	32.39931	-104.29144	8/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	2/22/2019
Bodacious 5-32 Fed Com Battery	fAPP2123755583	32.32696	-104.31294	8/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	1/13/2020
Cottonwood 28-33 Fed Com West Battery	fAPP2123755723	32.01995	-104.30265	10/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	5/16/2017
Cottonwood 28-33 Fed Com East Battery	fAPP2123755723	32.0207201	-104.292101	10/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	9/19/2017
Cottonwood 29-32 Fed Com West Battery	fAPP2124450386	32.1978	-104.31925	10/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	7/26/2017
Cottonwood 29-32 Fed Com East Battery	fAPP2204237163	32.02022	-104.31925	10/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	11/25/2017
Black River 3-10 FC Battery	fAPP2204236846	32.253101	-104.281901	9/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	6/24/2018
McCord Enterprises 23 State Com Battery	fAPP2123832596	32.2834801	-104.2268101	9/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	12/28/2017
Asteroid 20-29 Fed Battery	fAPP2124450095	32.29656	-104.31137	9/1/2023	DBI AF-444 98% Destruction Efficiency	Ordered	11/21/2019
Salt Draw 10 State Com Battery	fAPP2126545392	32.15124	-104.07052	8/1/2023	DBI AF-444 98% Destruction Efficiency	Pending installation	4/28/2019

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DEFINITIONS

Action 215268

DEFINITIONS

Operator: Earthstone Operating, LLC 1400 Woodloch Forest; Ste 300 The Woodlands, TX 77380	OGRID: 331165
	Action Number: 215268
	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 <p>“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.</p> <p>“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.</p>
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"> • 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

Action 215268

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QUESTIONS

Prerequisites	
Reason For Filing	Self-Certification of Flare Stack - Installation, Low Production and Retrofitting
[OGRID] Operator	[331165] Earthstone Operating, LLC
Active wells on file for this operator	440
Active facilities on file for this operator	52

Certification of All Flare Stacks

Please answer all the questions in this group.

Total number of flare stacks at ALL locations.	
Total well flare stacks	6
Total facility flare stacks	52
Total flare stacks at ALL locations	
58	

Certification of Installations on May 25th 2021 or Later

Please answer all the questions in this group.

Number of flare stacks installed May 25th 2021 or later.	
Well flare stacks installed May 25, 2021 or later	0
Facility flare stacks installed May 25, 2021 or later	22
Number of flare stacks installed May 25th 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	5
Total flare stacks installed May 25 th 2021 or later pending installation ¹	
5	

Certification of Installations Prior to May 25th 2021

Please answer all the questions in this group.

Number of flare stacks installed prior to May 25th 2021.	
Well flare stacks installed prior to May 25, 2021	6
Facility flare stacks installed prior to May 25, 2021	30
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 25th 2021.	
Prior well flare stacks at locations (w/ c.a.d.p.) ≤ 60 MCF/d	6
Prior facility flare stacks at locations (w/ c.a.d.p.) ≤ 60 MCF/d	1
Total prior flare stacks at locations (w/ c.a.d.p.) ≤ 60 MCF per day ²	
7	
Number of flare stacks at locations (w/ c.a.d.p.) more than 60 MCF per day (MCF/d) installed prior to May 25th 2021.	
Prior well flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d	0

Prior facility flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d	29
Number of flare stacks at locations (w/ c.a.d.p.) more than 60 MCF per day (MCF/d) installed prior to May 25th 2021, that have been retrofitted as required.	
Prior well flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d, already retrofitted	0
Prior facility flare stacks at locations (w/ c.a.d.p.) > 60 MCF/d, already retrofitted	19
Number of flare stacks at locations (w/ c.a.d.p.) more than 60 MCF per day (MCF/d) installed prior to May 25th 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	10
Total prior flare stacks that require and are pending retrofit³	10

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	5
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	7
For flare stacks installed prior to May 25 th 2021 at locations (w/ c.a.d.p.) <u>less than or equal to</u> 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	10
For flare stacks installed prior to May 25 th 2021 at locations (w/ c.a.d.p.) <u>greater than</u> 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

<input checked="" type="checkbox"/>	I certify that I am authorized to submit certifications on behalf of this operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.