

State of Colorado Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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403405708

Date Received:

05/23/2023

CUMULATIVE IMPACTS DATA IDENTIFICATION

Per Rule 803, this form and all required components and attachments will be submitted to document cumulative impacts anticipated with the conversion of a producing well to an injection well.

Form Type: [] OGDP [X] Partial 2B - Rule 803.b.(2).A UIC Conversion

OPERATOR INFORMATION

OGCC Operator Number: 61250 Contact Name and Telephone: Name: Bryan Neuhaus Address: 1700 N WATERFRONT PKWY B#1200 Phone: (316) 264-6366 City: WICHITA State: KS Zip: 67206-6637 Email: bneuhaus@mulldrilling.com

OIL & GAS DEVELOPMENT PLAN INFORMATION

Oil & Gas Development Plan Name: Oil & Gas Development Plan ID #: Data not required

[] This OGDP is included in a Comprehensive Area Plan. CAP ID #:

OIL & GAS LOCATION DATA

1 Oil & Gas Location Name: NW ARAPAHOE UT (NWAU) Number: 613S42W/31SESE Status: Active, built

OIL & GAS LOCATION INFORMATION

Loc ID#: 321833 Oil & Gas Location: QTRQTR: SESE Sec: 31 Twp: 13S Rng: 42W Meridian: 6 API # of well to be converted to injection: 017 - 07088 Form 2 Doc# to recomplete and operate: 403405070

Operations Duration

Estimated total number of weeks to complete all planned wells for this Oil & Gas Location: 2 Estimated total number of months the Oil & Gas Location will be active, prior to abandonment and reclamation: 150

Noise Impacts

Provide a qualitative evaluation of the incremental adverse noise impacts to the surrounding receptors during the production stage of this Oil & Gas Location.

No incremental adverse noise impacts will be incurred to the surrounding receptors during the production stage. No engines or tank battery equipment will be added when converting this well from a producer to an injection well.

Light Impacts

Provide a qualitative evaluation of the incremental adverse light impacts to the surrounding receptors during the production stage of this Oil & Gas Location.

No incremental adverse light impacts will be incurred to the surrounding receptors during the production stage. No additional lighting will be added when converting this well from a producer to an injection well.

Odor Impacts

Provide a qualitative evaluation of the incremental adverse odor impacts to the surrounding receptors during the production stage of this Oil & Gas Location.

No incremental adverse odor impacts will be incurred to the surrounding receptors during the production stage.

PUBLIC WELFARE

This Oil & Gas Location lies within a Disproportionately Impacted Community as defined in the 100-series rules.

Building Units within 1-mile

0'-2,000' 2,001'-5,280'

Total number of Residential Building Units:	<u>0</u>	<u>0</u>
Total Number of non-school AND non child care center High Occupancy Building Units:	<u>0</u>	<u>0</u>
Total number of School Facilities:	<u>0</u>	<u>0</u>
Total number of Child Care Centers:	<u>0</u>	<u>0</u>

Recreation and Scenic Value

List all State Parks, State Trust Lands, or State Wildlife Area within 1-mile of the Oil & Gas Location.

N/A

List all Designated Outdoor Activity Areas within 1-mile of the Oil & Gas Location.

N/A

List all mapped trails that support any of the following recreational activities within 1-mile of the Oil & Gas Location: Hiking, Biking, Horseback Riding, Motorcycle Riding, ATV Riding, OHV, Nordic Skiing, Snowmobiling, or Snowshoeing.

N/A

AIR RESOURCES

Production Emissions

Complete the following chart based on the estimated full facility equipment emissions (in tons) for the Oil & Gas Location once the Oil & Gas Location has entered the production stage, for Criteria Pollutants. The table should be filled out based on ONE year of operation.

	NOx	CO	VOCs	Methane	Ethane	CO2	N2O
Stationary Engines or Turbines	9.7	19.5	4.9	25.83	2.168	2174	0
Process Heaters or Boilers	0	0	0	0	0	0	0
Storage Tanks	0	0	0	0	0	0	0
Dehydration Units	0	0	0	0	0	0	0
Pneumatic Pumps	0	0	0	0	0	0	0
Pneumatic Controllers	0	0	0	0	0	0	0
Separators	0	0	0	0	0	0	0
Fugitives			5.6	15.8	4.9	3.7	
Venting or Blowdowns	0	0	0	0	0	0	0
Combustion Control Devices	4.023	3.683	0	0	0	0.588	0
Loadout	0	0	0	0	0	0	0
Non-Road Internal Combustion Engines	0	0	0	0	0	0	0
Well Bradenhead	0	0	0	0	0	0	0
Well Maintenance	0	0	0	0	0	0	0

Diesel Vehicle Road Miles

Complete the following chart for diesel vehicle road miles during each stage of oil and gas location operations.

During Production: 0

PUBLIC HEALTH RESOURCES

Production Emissions

Complete the following chart based on the estimated total equipment emissions (in lbs) for the Oil & Gas Location once the Oil & Gas Location has entered the production stage, for Hazardous Air Pollutants (HAP). The table should be filled out based on ONE year of operation.

	BEN	TOL	ETH	XYL	NHE	TMP	H2S	FDE	MET	HAP
Stationary Engines or Turbines	0	0	0	0	0	0	0	0	0	0
Process Heaters or Boilers	0	0	0	0	0	0	0	0	0	0
Storage Tanks	0	0	0	0	0	0	0	0	0	0
Dehydration Units	0	0	0	0	0	0	0	0	0	0
Pneumatic Pumps	0	0	0	0	0	0	0	0	0	0
Pneumatic Controllers	0	0	0	0	0	0	0	0	0	0
Separators	0	0	0	0	0	0	0	0	0	0
Fugitives	0	0	0	0	0	351.57	0	0	0	445.99
Venting or Blowdowns	0	0	0	0	0	0	0	0	0	0
Combustion Control Devices	0	0	0	0	0	0	0	0	0	0
Non-Road Internal Combustion Engines	0	0	0	0	0	0	0	0	0	0
Loadout	0	0	0	0	0	0	0	0	0	0
Well Bradenhead	0	0	0	0	0	0	0	0	0	0
Well Maintenance	0	0	0	0	0	0	0	0	0	0

Provide a qualitative evaluation of any potential acute or chronic, short- or long-term incremental impacts to public health as a result of the estimated annual production hazardous air pollutant emissions.

There will be no incremental impact to public health as a result of hazardous air pollutant emissions since this project will be eliminating the need for a pumping unit as we convert the well to an injector.

Dust Impacts

The following are the estimated number of truck trips traveling on or off the Oil & Gas Location.

Total	During Production
Monthly	1
Annual	12

BENEFICIAL IMPACT INFORMATION

<p>Equipment and Facility Removal</p> <p>Total number of existing wells that are planned to be plugged and abandoned as part of this OGDG: <u>0</u></p> <p>Total number of existing locations that are planned to be closed and undergo final reclamation as part of this OGDG: <u>0</u></p> <p>Total number of acres that are planned to be reclaimed through the closing of existing locations: <u>0</u></p> <p>Total number of existing pits that are planned to be closed and undergo final reclamation as part of this OGDG: <u>0</u></p> <p>Estimated number of vehicle trips that are planned to be prevented from the above mentioned facility closures and equipment upgrades (on an annual basis): <u>0</u></p>	<p>Total number of tanks planned to be removed from existing locations through the approval of this OGDG:</p> <p style="text-align: right;">Oil Tanks: <u>0</u></p> <p style="text-align: right;">Condensate Tanks: <u>0</u></p> <p style="text-align: right;">Produced Water Tanks: <u>0</u></p>
<p>Provide a qualitative evaluation of any incremental beneficial impacts to the surrounding community directly and indirectly from this OGDG.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Converting the NWAU #14 from a producer to an injector will increase the efficiency of resource recovery from the field while reducing emissions as a result of eliminating a pumping unit.</p> </div> <p>Provide a qualitative evaluation of any incremental beneficial impacts to the surrounding wildlife and ecosystems directly and indirectly from this OGDG.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Eliminating a pumping unit from the field will directly benefit the surrounding wildlife and ecosystem by removing the hazardous potential associated with the moving parts of a pumping unit as well as eliminating the need to store on site chemicals.</p> </div>	

MITIGATION INFORMATION

No Mitigation Measures Listed

OPERATOR COMMENTS AND SUBMITTAL

We are seeking this permit to convert the NWAU #14 well (currently TA'd) into a GIW. By doing so, we will be eliminating the need for a pumping unit and the associated surface equipment from this location. This well exists in an already established EOR field. The current perforations that are open in the Morrow sand are the same perforations we will use to re-inject the produced gas from this field. No additional work will be needed to convert this well into an injector.

Print Name: NEUHAUS, BRYAN

Title: Production Manager

Email: bneuhaus@mulldrilling.com

Date: 05/23/2023

Based on the information provided herein, this Cumulative Impacts Data Identification Form 2B complies with COGCC Rules and is hereby accepted into the Cumulative Impacts Data Evaluation Repository (CIDER database). Contact OGLA Staff for consultation.

COGCC Approved: 

Director of COGCC

Date: 3/5/2024

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
403405708	Form 02B SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	OGLA review complete.	02/22/2024

Total: 1 comment(s)