

State of Colorado
Energy & Carbon Management Commission

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



Document Number:

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Date Received:

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: OGD Partial 2B - Rule 803.b.(2).A UIC Conversion

OPERATOR INFORMATION

ECMC Operator Number: <u>10634</u>	Contact Name and Telephone:
Name of Operator: <u>P O & G OPERATING LLC</u>	Name: <u>Charlotte Nash</u>
Address: <u>5847 SAN FELIPE SUITE 3200</u>	Phone: <u>(713) 589-8186</u>
City: <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77057</u>	Email: <u>charlotte_nash@pogresources.com</u>

OIL & GAS DEVELOPMENT PLAN INFORMATION

Oil & Gas Development Plan Name: _____

Oil & Gas Development Plan ID #: _____

Data not required

This OGD is included in a Comprehensive Area Plan. CAP ID #: _____

OIL & GAS LOCATION DATA

1	Oil & Gas Location Name: <u>HARKER RANCH MORROW UNIT (HRM-613S43)</u>	Number: <u>12SWNW</u>	Status: <u>Active, built</u>
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OIL & GAS LOCATION INFORMATION

Loc ID#: 321838

Oil & Gas Location: QTRQTR: SWNW Sec: 12 Twp: 13S Rng: 43W Meridian: 6

API # of well to be converted to injection: 017 - 07111

Form 2 Doc# to recomplete and operate: 403832366

Operations Duration

Estimated total number of weeks to complete all planned wells for this Oil & Gas Location: 1

Estimated total number of months the Oil & Gas Location will be active, prior to abandonment and reclamation: 360

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.

This is an existing oil and gas location with an existing well. There will be no incremental adverse noise impacts after the well is converted to injection.

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 permanent lighting is proposed for this location.

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.

This is an existing oil and gas location with an existing well. Odor impacts are not anticipated to change after the conversion to injection. Odor is not expected to be perceptible to the nearest RBU, which is greater than 1 mile away.

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

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	0	0	0	0	0	0	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			0	0	0	0	
Venting or Blowdowns	0	0	0	0	0	0	0
Combustion Control Devices	0	0	0	0	0	0	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: 185

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	0	0	0	0	0
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 are no anticipated acute or chronic, short- or long-term incremental impacts to public health because the associated produced water for injection will be transported to location via existing off-location flowlines and the significant distance to the nearest residential building unit which is greater than 1 mile away.

Dust Impacts

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

Total	During Production
Monthly	30
Annual	360

BENEFICIAL IMPACT INFORMATION

Equipment and Facility Removal

Total number of existing wells that are planned to be plugged and abandoned as part of this OGDG: 0

Total number of existing locations that are planned to be closed and undergo final reclamation as part of this OGDG: 0

Total number of acres that are planned to be reclaimed through the closing of existing locations: 0

Total number of existing pits that are planned to be closed and undergo final reclamation as part of this OGDG: 0

Estimated number of vehicle trips that are planned to be prevented from the above mentioned facility closures and equipment upgrades (on an annual basis): 0

Total number of tanks planned to be removed from existing locations through the approval of this OGDG:

Oil Tanks:	<u>0</u>
Condensate Tanks:	<u>0</u>
Produced Water Tanks:	<u>0</u>

Provide a qualitative evaluation of any incremental beneficial impacts to the surrounding community directly and indirectly from this OGDG.

The conversion of the Harker Ranch Morrow Unit (HRMU) #3 to enhanced recovery injection will allow the continued efficient development of the Harker Ranch, sustaining tax revenue and economic benefits to the surrounding communities.

Provide a qualitative evaluation of any incremental beneficial impacts to the surrounding wildlife and ecosystems directly and indirectly from this OGDG.

By converting an existing location with an existing well to injection, there will be no noticeable changes for surrounding wildlife and ecosystems. The Harker Ranch Morrow Unit system will continue to produce efficiently while utilizing existing disturbance and existing access roads.

MITIGATION INFORMATION

No Mitigation Measures Listed

OPERATOR COMMENTS AND SUBMITTAL

Print Name: Jessica Donahue

Title: Compliance Specialist

Email: jdonahue@ardorenvironmental.com

Date:

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

ECMC Approved:

Director of ECMC

Date:

ATTACHMENT LIST

Att Doc Num **Name**

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Total Attach: 0 Files

General Comments

User Group **Comment** **Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)