

**State of Colorado**  
**Energy & Carbon Management Commission**

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



DE	ET	OE	ES
Document Number: <u>403130177</u>			
Date Received: <u>08/15/2022</u>			

**SUNDRY NOTICE**

This form is required for reports, updates, and requests as specified in the COGCC rules. It is also used to request changes to some aspects of approved permits for Wells and Oil and Gas Locations.

OGCC Operator Number: <u>52530</u>	Contact Name <u>Ross Warner</u>
Name of Operator: <u>MAGPIE OPERATING INC</u>	Phone: <u>(970) 6696308</u>
Address: <u>2707 SOUTH COUNTY RD 11</u>	Fax: ( )
City: <u>LOVELAND</u> State: <u>CO</u> Zip: <u>80537</u>	Email: <u>ross.magpieoil@gmail.com</u>

**FORM 4 SUBMITTED FOR:**

Facility Type: WELL

API Number : 05- 107 05048 00 ID Number: 232482

Name: RICHFIELD-WIRICK-FEDERAL Number: 1

Location QtrQtr: SESE Section: 14 Township: 5N Range: 88W Meridian: 6

County: ROUTT Field Name: SAGE CREEK NORTH

**Oil & Gas Location(s) and Oil & Gas Development Plan (OGDP) Information**

**Location(s)**

Location ID	Location Name and Number
316739	RICHFIELD-WIRICK-FEDERAL-65N88W 14SESE

**OGDP(s)**

No OGDP

**WELL LOCATION CHANGE OR AS-BUILT GPS REPORT**

- Change of Location for Well \*     As-Built GPS Location Report     As-Built GPS Location Report with Survey

\* Well Location Change requires a new Plat.

**SURFACE LOCATION GPS DATA**      Data must be provided for Change of Surface Location and As Built Reports.

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

GPS Quality Value: \_\_\_\_\_ Type of GPS Quality Value: \_\_\_\_\_ Measurement Date: \_\_\_\_\_

Well Ground Elevation: \_\_\_\_\_ feet (Required for change of Surface Location.)

**WELL LOCATION CHANGE**

Well plan is: \_\_\_\_\_ (Vertical, Directional, Horizontal)

				FNL/FSL		FEL/FWL				
Change of <b>Surface</b> Footage <b>From:</b>				1080	FSL	359	FEL			
Change of <b>Surface</b> Footage <b>To:</b>										
Current <b>Surface</b> Location <b>From</b>	QtrQtr	<u>SESE</u>	Sec	<u>14</u>	Twp	<u>5N</u>	Range	<u>88W</u>	Meridian	<u>6</u>
New <b>Surface</b> Location <b>To</b>	QtrQtr		Sec		Twp		Range		Meridian	
Change of <b>Top of Productive Zone</b> Footage <b>From:</b>										
Change of <b>Top of Productive Zone</b> Footage <b>To:</b>										**
Current <b>Top of Productive Zone</b> Location			Sec		Twp		Range			
New <b>Top of Productive Zone</b> Location			Sec		Twp		Range			

Change of **Base of Productive Zone** Footage **From:**

Change of **Base of Productive Zone** Footage **To:**

\*\*

Current **Base of Productive Zone** Location

Sec

Twp

Range

New **Base of Productive Zone** Location

Sec

Twp

Range

Change of **Bottomhole** Footage **From:**

Change of **Bottomhole** Footage **To:**

\*\*

Current **Bottomhole** Location

Sec

Twp

Range

\*\* attach deviated drilling plan

New **Bottomhole** Location

Sec

Twp

Range

**SAFETY SETBACK INFORMATION**

Required for change of Surface Location.

Distance from Well to nearest:

- Building: \_\_\_\_\_ Feet
- Building Unit: \_\_\_\_\_ Feet
- Public Road: \_\_\_\_\_ Feet
- Above Ground Utility: \_\_\_\_\_ Feet
- Railroad: \_\_\_\_\_ Feet
- Property Line: \_\_\_\_\_ Feet

**INSTRUCTIONS:**

- Specify all distances per Rule 308.b.(1).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit – as defined in 100 Series Rules.

**SUBSURFACE MINERAL SETBACKS**

Required for change of Top and/or Base of Productive Zone. Enter 5280 for distance greater than 1 mile.

Is this Well within a unit? \_\_\_\_\_

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: \_\_\_\_\_ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well within the same unit permitted or completed in the same formation: \_\_\_\_\_ Feet

If NO:

Enter the minimum distance from the Completed Zone of this Well to the Lease Line of the described lease: \_\_\_\_\_ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well producing from the same lease and permitted or completed in the same formation: \_\_\_\_\_ Feet

**Exception Location**

If this Well requires the approval of a Rule 401.c Exception Location, enter the Rule or spacing order number and attach the Exception Location Request and Waivers. \_\_\_\_\_

**LOCATION CHANGE COMMENTS**

**CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT**

<u>Objective Formation</u>	<u>Formation Code</u>	<u>Spacing Order Number</u>	<u>Unit Acreage</u>	<u>Unit Configuration</u>	<u>Add</u>	<u>Modify</u>	<u>No Change</u>	<u>Delete</u>
NIOBRARA	NBRR	0	40	SESE			X	



Comments:

[Empty box for comments]

**ENGINEERING AND ENVIRONMENTAL WORK**

REPORT OF TEMPORARY ABANDONMENT

Describe the method used to ensure that the Well is closed to the atmosphere and the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(1).

REQUEST FOR TEMPORARY ABANDONMENT EXCEEDING 6 MONTHS

State the reason for the extension request and explain the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(3).

Date well temporarily abandoned \_\_\_\_\_

Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required. Date of last MIT \_\_\_\_\_

**TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK**

Details of work must be described in full in the COMMENTS below or provided as an attachment.

NOTICE OF INTENT/REQUEST FOR APPROVAL      Approximate Start Date 08/15/2022

SUBSEQUENT REPORT      Date of Activity \_\_\_\_\_

- Bradenhead Plan
- Venting or Flaring (Rule 903)
- E&P Waste Mangement
- Change Drilling Plan
- Repair Well
- Beneficial Reuse of E&P Waste
- Gross Interval Change
- Underground Injection Control
- Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.)
- Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.)
- Other

Request that an existing produced water sample from the same formation be used per Rule 909.j.(6) to meet the requirements of Rule 909.j.(1)-(5) for this Well.

Pit ID \_\_\_\_\_ Pit Name \_\_\_\_\_

(No Sample Provided)

Subsequent well operations with heavy equipment (Rule 312)

(No Well Provided)

**COMMENTS:**

This well is not connected to a sales line. The well does not produce enough gas to warrant construction of gas gathering system. All gas produced by the well used to run equipment at the shared production facility or at the well head.

**GAS CAPTURE**

**VENTING AND FLARING:**

Operation type: Flaring      Operational phase requiring venting/flaring: Production

Reason for venting/flaring: Gathering Line Not Accessible

Describe Other reason for venting/flaring:

The RICHFIELD-WIRICK-FEDERAL 1 location is neither venting nor flaring gas, all gas is used on site and any residual gas is

routed to an approved combustion device after separation.

Describe why venting or flaring is necessary. If reporting per Rule 903.b.(2), 903.c.(3).C, or 903.d.(2), include the explanation, rationale, and cause of the event:

This location is not connected to a gathering system. MAGPIE OPERATING INC is first utilizing the produced natural gas to run production equipment onsite. Natural gas production is minimal and often is not enough to run the equipment on site which requires the use of supplemental propane to keep equipment operating. The primary operating equipment that uses field gas is a EA30 Ajax pumping unit engine. The engine has a fuel use of 1.81 MMscf/yr at 8,760 hrs per year, although it is run on an as-needed basis (or as fuel is available). Engine use on field gas is currently used as a gas meter and field data is reported to COGCC accordingly. A combustor is installed at the existing Richfield-Wirick-Federal location in the event an abundance of gas exists. This gas can be combusted at a destruction efficiency of 98% (Cimarron 48HV ECD spec sheet attached.) MAGPIE OPERATING INC., RICHFIELD-WIRICK-FEDERAL 1's produced gas is processed through a combustor located in the process stream after separation has occurred. Gas metering occurs prior to combustion to quantify volume sent to ECD (July 2022). This location has an venting permit/APEN with CDPHE APCD (AIRS ID 107-0127-001, Permit #21RO0906).

Describe how the operation will protect and minimize adverse impacts to public health, safety, welfare, the environment, and wildlife resources. If reporting per Rule 903.d.(2), include BMPs used to minimize venting on the BMP Tab:

The RICHFIELD-WIRICK-FEDERAL 1 produces insufficient saleable quantity or quality gas to make such a long lateral pipeline to connect to a gas gathering system feasible or practicable. The nearest gas gathering line is approximately 1 mile away. Natural gas is utilized onsite to run production equipment. It is not vented. A separator venting permit has been issued by CDPHE APCD in the event of excess gas production, which is controlled by an ECD.

Total volume of gas vented or flared: 5 mcf  estimated  measured  
Total duration of emission event: 24 hours  consecutive  cumulative

Submit a single representative gas analysis via Form 43 to create a Sample Site Facility ID# for this Location. Reference the Form 43 document number on the Related Forms tab.

Sample Site Facility ID#: \_\_\_\_\_

**GAS CAPTURE PLAN**

Describe the plan to connect to a gathering line or beneficially use the gas; include anticipated timeline:

For the reasons stated above, connection to a gathering line is not feasible. The minimal natural gas produced is beneficially used onsite to run production equipment.

A Gas Capture Plan that meets the requirements of Rule 903.e is attached.

**CASING PROGRAM**

(No Casing Provided)

**POTENTIAL FLOW AND CONFINING FORMATIONS**

**H2S REPORTING**

- Intentional release of H2S gas due to Upset Condition or malfunction.
- Intent to temporarily abandon well with potential H2S concentration >100 ppm.

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: \_\_\_\_\_ in ppm (parts per million) Date of Measurement or Sample Collection \_\_\_\_\_

Description of Sample Point:

Absolute Open Flow Potential \_\_\_\_\_ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: \_\_\_\_\_

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: \_\_\_\_\_

COMMENTS:

**OIL & GAS LOCATION UPDATES**

OGDP ID \_\_\_\_\_ OGDP Name \_\_\_\_\_

**SITE EQUIPMENT LIST UPDATES**

Indicate the number and type of major equipment components planned for use on this Oil and Gas Location:

Wells _____	Oil Tanks _____	Condensate Tanks _____	Water Tanks _____	Buried Produced Water Vaults _____
Drilling Pits _____	Production Pits _____	Special Purpose Pits _____	Multi-Well Pits _____	Modular Large Volume Tank _____
Pump Jacks _____	Separators _____	Injection Pumps _____	Heater-Treaters _____	Gas Compressors _____
Gas or Diesel Motors _____	Electric Motors _____	Electric Generators _____	Fuel Tanks _____	LACT Unit _____
Dehydrator Units _____	Vapor Recovery Unit _____	VOC Combustor _____	Flare _____	Enclosed Combustion Devices _____
Meter/Sales Building _____	Pigging Station _____	Vapor Recovery Towers _____		

**OTHER PERMANENT EQUIPMENT UPDATES**

**OTHER TEMPORARY EQUIPMENT UPDATES**

**CULTURAL AND SAFETY SETBACK UPDATES**

**OTHER LOCATION CHANGES AND UPDATES**

Provide a description of other changes or updates to technical information for this Location:

**POTENTIAL OGDP UPDATES**

**PROPOSED CHANGES TO AN APPROVED OGDP**

This Sundry Form 4 is being submitted pursuant to Rule 301.c to propose changes to an approved Oil and Gas Development Plan.

Check all boxes that pertain to the type(s) of changes being proposed for this OGDP:

- |  |  |
|--|--|
| <input type="checkbox"/> Add Oil and Gas Location(s)                     | <input type="checkbox"/> Add Drilling and Spacing Unit(s)    |
| <input type="checkbox"/> Amend Oil and Gas Location(s)                   | <input type="checkbox"/> Amend Drilling and Spacing Unit(s)  |
| <input type="checkbox"/> Remove Oil and Gas Location(s)                  | <input type="checkbox"/> Remove Drilling and Spacing Unit(s) |
| <input type="checkbox"/> Oil and Gas Location attachment or plan updates | <input type="checkbox"/> Amend the lands subject to the OGDP |
| <input type="checkbox"/> Other   |  |

Provide a detailed description of the changes being proposed for this OGD. Attach supporting documentation such as maps if necessary.

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**Best Management Practices**

<u>No BMP/COA Type</u>	<u>Description</u>

**Operator Comments:**

Form 7 corrections have been submitted DOC 402124340  
Referencing Previous Submittal Form 4 DOC 402925889  
Gas analysis report DOC 402925911  
Gas Capture Plan DOC 403042034  
Attached ECD Spec sheet

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Seyma Yilmaz  
Title: Engineer Email: seyma.magpieoil@gmail.com Date: 8/15/2022

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: Waldron, Emily Date: 8/8/2023

**CONDITIONS OF APPROVAL, IF ANY:**

<u>COA Type</u>	<u>Description</u>
	Gas meter calibration should be confirmed current with Form 4 Gas Capture Plan submitting subsequent to Productivity Test filed on Location ID. Gas Capture Plan should also address any controls to assure that all gas produced is able to be utilized on site.
	Provide a facility layout diagram detailing the gas flow and controls on site.
	Provide current gas analysis including hydrogen sulfide, submit via EDD with a Form 43.
	This well is approved for a 60 day productivity test to produce and document gas volumes by metering gas. This approval is for 60 consecutive calendar days. Gas volumes will be reported via Form 4 Sundry Notice on the well, documenting location gas use requirements. Without documented gas volumes and a demonstration of beneficial on site use, this well is to be shut in and a variance sought for flaring.
4 COAs	

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	1263 Btu; 150#; combustor installed June 2022 - CDPHE permit; WEG;	08/01/2023

Total: 1 comment(s)

**Attachment List**

<u>Att Doc Num</u>	<u>Name</u>
403130177	SUNDRY NOTICE APPROVED-OBJ-VENT_FLARE
403135942	OTHER
403490618	FORM 4 SUBMITTED

Total Attach: 3 Files

