

State of Colorado  
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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Document Number:

402925889

Date Received:

05/18/2022

## 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: 52530	Contact Name: Jody Kost
Name of Operator: MAGPIE OPERATING INC	Phone: (970) 6696308
Address: 2707 SOUTH COUNTY RD 11	Fax: ( )
City: LOVELAND State: CO Zip: 80537	Email: magpieoil2@yahoo.com

## 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 &amp; Gas Location(s) and Oil &amp; 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)

Change of Surface Footage From:

Change of Surface Footage To:

Current Surface Location From QtrQtr SESE Sec 14 Twp 5N Range 88W Meridian 6

New Surface Location To QtrQtr Sec Twp Range Meridian

Change of Top of Productive Zone Footage From:

Change of Top of Productive Zone Footage To:

Current Top of Productive Zone Location Sec Twp Range

New Top of Productive Zone 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	

**OTHER**

☐ **RULE 502 VARIANCE**

Order Number: \_\_\_\_\_

Description: \_\_\_\_\_

☐ **REMOVE FROM SURFACE BOND** Signed surface use agreement is a required attachment

☐ **CHANGE NAME OR NUMBER OF WELL, FACILITY, OIL & GAS LOCATION, OR OGD**

From: Name RICHFIELD-WIRICK-FEDERAL Number 1 Effective Date: \_\_\_\_\_

To: Name \_\_\_\_\_ Number \_\_\_\_\_

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL: Abandon Application for Permit-to-Drill (Form2) – Well API Number \_\_\_\_\_ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number \_\_\_\_\_ has not been constructed (Permitted and constructed pit requires closure per Rule 911)

☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number \_\_\_\_\_ has not been constructed (Constructed facility requires closure per Rule 907)

OIL & GAS LOCATION ID Number: \_\_\_\_\_

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

**Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.**

☐ **REQUEST FOR WELL RECORDS CONFIDENTIALITY (Rule 206.c.(1))**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: \_\_\_\_\_

☐ **COMPLIANCE with CONDITION OF APPROVAL (COA) on** Form NO: \_\_\_\_\_ Document Number: \_\_\_\_\_

**RECLAMATION**

**INTERIM RECLAMATION**

☐ Interim Reclamation will commence approximately \_\_\_\_\_

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.

Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

**Field inspection will be conducted to document Rule 1003.e. compliance**

**FINAL RECLAMATION**

☐ Final Reclamation will commence approximately \_\_\_\_\_

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

**Field inspection will be conducted to document Rule 1004.c. compliance**

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 03/31/2022

☐ **SUBSEQUENT REPORT** Date of Activity \_\_\_\_\_

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Bradenhead Plan  | <input checked="" type="checkbox"/> Venting or Flaring (Rule 903) | <input type="checkbox"/> E&P Waste Mangement           |
| <input type="checkbox"/> Change Drilling Plan   | <input type="checkbox"/> Repair Well                              | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change  |   |  |
| <input type="checkbox"/> Underground Injection Control  |   |  |
| <input type="checkbox"/> Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.)                    |   |  |
| <input type="checkbox"/> Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.) |   |  |
| <input type="checkbox"/> 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. A combustor is installed at the existing Richfield-Wirick-Federal location, where all products from this well is piped, to allow for flexibility in case gas is encountered during production. MAGPIE OPERATING INC., RICHFIELD-WIRICK-FEDERAL 1's produced gas is processed through a combustor located in the process stream after separation has occurred. Combustion of tank vapor after adequate separation is authorized by CDPHE-APCD. This location has an APEN with CDPHE, AIRS ID 107-0127-001. An APEN Modification has been submitted with CDPHE, 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.

Total volume of gas vented or flared: 16 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 \_\_\_\_\_ OGDG 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 OGDG UPDATES**

**PROPOSED CHANGES TO AN APPROVED OGDG**

☐ 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 OGDG:

- |  |  |
|--|--|
| <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 OGDG |
| <input type="checkbox"/> Other   |  |

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

## Best Management Practices

**No BMP/COA Type**

**Description**

Operator Comments:

Failed 07/13/2022

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

Signed: \_\_\_\_\_ Print Name: Jessica Donahue  
Title: Compliance Specialist Email: jdonahue@ardorenvironmental.com Date: 5/18/2022

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

COGCC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

### CONDITIONS OF APPROVAL, IF ANY:

#### Condition of Approval

**COA Type**

**Description**

0 COA

### General Comments

**User Group**

**Comment**

**Comment Date**

Engineer	<p>The Form 4 Sundry Notice for a Gas Capture Plan as submitted is denied. Form 7 reporting is inconsistent and gas volumes do not appear to be completely and accurately metered and reported. Gas has not been reported as produced or used on location since April 2019.</p> <p>Without complete and accurate data it is not possible to review the gas capture plan. Form 7 Monthly Report of Operations should be reviewed for complete reporting of gas back to 2019, produced gas volumes should be reported, gas used onsite for production equipment should be acknowledged and reported, any flared volumes should be reported, and any sold volumes should be reported – all volumes must be based on metered production volumes.</p> <p>When the Gas Capture Plan is resubmitted it should detail how the gas is being used onsite. This plan should include, at a minimum:</p> <ul style="list-style-type: none"><li>• A representation that all gas is being metered. If gas has not been metered previously an effective date for the installation of appropriate metering equipment.</li><li>• What equipment is being powered onsite and what the individual gas requirements are for each piece of equipment.</li><li>• Provide a description of what controls are in place if excess gas is produced.</li><li>• For those wells that have reported a flared volume, whether or not there is CDPHE approval in place, provide a representation that flared volumes were combusted with a designed destruction efficiency of at least 98%.</li></ul> <p>Once the Form 7 reporting is corrected and complete, the Form 4 requesting approval of a gas capture plan can be resubmitted providing the expanded details. Until then, the wells should remain shut in.</p>	07/13/2022
Engineer	Checking on wording of processed through combustor after separation.	05/25/2022

Total: 2 comment(s)

## Attachment List

**Att Doc Num**

**Name**

402925889	FORM 4 SUBMITTED
402925911	GAS ANALYSIS REPORT
403042034	GAS CAPTURE PLAN

Total Attach: 3 Files

**DENIED**