

**State of Colorado
Oil and Gas Conservation Commission**

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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>10456</u>	Contact Name <u>Kade Kiselica</u>
Name of Operator: <u>CAERUS PICEANCE LLC</u>	Phone: <u>(720) 547-8731</u>
Address: <u>1001 17TH STREET #1600</u>	Fax: ()
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>kkiselica@caerusoilandgas.com</u>

FORM 4 SUBMITTED FOR:

Facility Type: WELL

API Number : 05- 045 14548 00 ID Number: 291922

Name: FEDERAL Number: 11-13A(RM11)

Location QtrQtr: SWSW Section: 11 Township: 7S Range: 94W Meridian: 6

County: GARFIELD Field Name: RULISON

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

Location(s)

Location ID	Location Name and Number
324422	FEDERAL-67S94W 11SWSW

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:		FNL/FSL	FEL/FWL
		<input type="text" value="1228"/> <input type="text" value="FSL"/>	<input type="text" value="910"/> <input type="text" value="FWL"/>
Change of Surface Footage To:		<input type="text"/>	<input type="text"/>
Current Surface Location From	QtrQtr <input type="text" value="SWSW"/> Sec <input type="text" value="11"/>	Twp <input type="text" value="7S"/> Range <input type="text" value="94W"/> Meridian <input type="text" value="6"/>	
New Surface Location To	QtrQtr <input type="text"/>	Twp <input type="text"/> Range <input type="text"/> Meridian <input type="text"/>	
Change of Top of Productive Zone Footage From:		<input type="text" value="1331"/> <input type="text" value="FSL"/>	<input type="text" value="677"/> <input type="text" value="FWL"/>
Change of Top of Productive Zone Footage To:		<input type="text"/>	<input type="text"/> **
Current Top of Productive Zone Location	Sec <input type="text" value="11"/>	Twp <input type="text" value="7S"/> Range <input type="text" value="94W"/>	
New Top of Productive Zone Location	Sec <input type="text"/>	Twp <input type="text"/> Range <input type="text"/>	

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

 FSL FWL

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:**

 1331 FSL 677 FWL

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

**

Current **Bottomhole** Location

Sec 11Twp 7SRange 94W

** 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>
ILES	ILES	139*50					X	
WILLIAMS FORK	WMFK	139-50					X	

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 11/03/2022

SUBSEQUENT REPORT Date of Activity _____

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Bradenhead Plan | <input 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:

After a Form 17 Bradenhead Test (Doc #403190538), the Federal 11-13A (API: 05-045-14548) has been identified as having continuous flow on the bradenhead after the 30-minute blowdown test. The bradenhead test shows an initial shut-in bradenhead pressure of 195 psi with 80 psi and continuous flow at the expiration of the 30-minute blow-down. Due to the higher bradenhead shut in pressure relative to the max allowable pressure (369 psi or 30% of surface casing shoe depth), Caerus Oil and Gas proposes to utilize a pressure transducer, connected to the automation/SCADA system, which will continuously monitor bradenhead pressure and ensure it does not increase and approach the max allowable pressure. Note: pressures on the production casing string during the bradenhead blow-down test confirm casing integrity is not compromised

GAS CAPTURE

VENTING AND FLARING:

Operation type: _____ Operational phase requiring venting/flaring: _____

Reason for venting/flaring: _____

Describe Other reason for venting/flaring:

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:

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:

Total volume of gas vented or flared: _____ mcf estimated measured

Total duration of emission event: _____ 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:

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 OGDP. Attach supporting documentation such as maps if necessary.

Best Management Practices

No BMP/COA Type

Description

No BMP/COA Type	Description

Operator Comments:

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

Signed: _____ Print Name: Lisa Click
Title: Regulatory Tech Email: lclick.contractor@caerusoilandgas.com Date: 11/2/2022

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

COGCC Approved: Katz, Aaron Date: 12/7/2022

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description
1 COA	<p>1) Operator shall comply with COGCC Rule 419. Bradenhead Monitoring, Testing, and Reporting and Rule 420. Form 17, Bradenhead Test Report</p> <p>2) At least once a year shut in bradenhead for 7 days or until the pressure reaches the bradenhead threshold and perform a bradenhead test. Report results on a Form 17, as specified in Rule 420 or other Director approved submittal method.</p> <p>3) Within 30 days of completing the work, submit a Form 4 Subsequent Report - Bradenhead Plan</p> <p>-Include diagnostic information on causal factors for surface casing pressure.</p> <p>4) Complete installation of BH monitoring system by 4/31/2023</p>

General Comments

User Group	Comment	Comment Date
Engineer	The deepest water well within 1 mile is 600 ft Continuous Flow -Does NOT exceed surface casing threshold pressure	12/07/2022

Total: 1 comment(s)

Attachment List

Att Doc Num	Name
403216823	SUNDRY NOTICE APPROVED-OBJ
403252917	FORM 4 SUBMITTED

Total Attach: 2 Files