

State of Colorado
Energy & Carbon Management Commission

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SUNDRY NOTICE

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

ECMC Operator Number: <u>10456</u>	Contact Name <u>Ally Ota</u>
Name of Operator: <u>CAERUS PICEANCE LLC</u>	Phone: <u>(303) 565-4600</u>
Address: <u>1001 17TH STREET #1600</u>	Fax: <u>()</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>aota@qb-energy.com</u>

FORM 4 SUBMITTED FOR:

Facility Type: WELL

API Number : 05- 103 12690 00 ID Number: 486809

Name: RNPU B27 FED Number: 14C-22-197

Location QtrQtr: Lot 3 Section: 27 Township: 1S Range: 97W Meridian: 6

County: RIO BLANCO Field Name: PICEANCE CREEK

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

Location(s)

Location ID	Location Name and Number
485795	PCU FED B27-197

OGDP(s)

OGDP ID	OGDP Name
485279	RNPU PHASE 1

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 39.941158 Longitude -108.269231

GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Measurement Date: 09/12/2022

Well Ground Elevation: 6516 feet (Required for change of Surface Location.)

WELL LOCATION CHANGE

Well plan is: DIRECTIONAL (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From**:

Change of **Surface** Footage **To**:

				FNL/FSL		FEL/FWL				
Current Surface Location From	QtrQtr	<u>Lot 3</u>	Sec	<u>27</u>	Twp	<u>1S</u>	Range	<u>97W</u>	Meridian	<u>6</u>
New Surface Location To	QtrQtr	<u>Lot 3</u>	Sec	<u>27</u>	Twp	<u>1S</u>	Range	<u>97W</u>	Meridian	<u>6</u>

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

1523 FSL

1440 FWL

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

1940 FSL

1086 FWL

**

Current **Top of Productive Zone** Location

Sec 22

Twp 1S

Range 97W

New **Top of Productive Zone** Location

Sec 22

Twp 1S

Range 97W

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

FSL

FWL

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

1858 FSL

1029 FWL

**

Current **Base of Productive Zone** Location

Sec

Twp

Range

New **Base of Productive Zone** Location

Sec 22

Twp 1s

Range 97W

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

1441 FSL

1382 FWL

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

1858 FSL

1029 FWL

**

Current **Bottomhole** Location

Sec 22

Twp 1S

Range 97W

** attach deviated drilling plan

New **Bottomhole** Location

Sec 22

Twp 1S

Range 97W

SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

Building: 5280 Feet
 Building Unit: 5280 Feet
 Public Road: 3677 Feet
 Above Ground Utility: 4942 Feet
 Railroad: 5280 Feet
 Property Line: 3750 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? Yes

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: 1858 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: 279 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>	Add	Modify	No Change	Delete
ILES	ILES	1-229					X	
WILLIAMS FORK	WMFK	1-229					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 RNPU B27 FED Number 14C-22-197 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) – ECMC 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.

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

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>
CONDUCTOR	30	20	H40	54	0	100	220	100	0
SURF	14+3/4	9+5/8	J55	36	0	2500	842	2500	0
1ST	8+3/4	4+1/2	HCP110	13.5	0	13824	1432	13824	

POTENTIAL FLOW AND CONFINING FORMATIONS

<u>Zone Type</u>	<u>Formation /Hazard</u>	<u>Top M.D.</u>	<u>Top T.V.D.</u>	<u>Bottom M.D.</u>	<u>Bottom T.V.D.</u>	<u>TDS (mg/L)</u>	<u>Data Source</u>	<u>Comment</u>
Groundwater	Unitah	0	0	2600	2498	501-1000	CGS	
Confining Layer	Wasatch	2766	2653	5884	5577			
Hydrocarbon	Wasatch G	5884	5577	6385	6047			The Wasatch G is a nonproductive zone in the referenced area of basin.
Confining Layer	Fort Union	6385	6047	7969	7561			
Hydrocarbon	Ohio Creek	7969	7561	8719	8311	>10000	Produced Water Sample	
Hydrocarbon	Williams Fork	8719	8311	11616	11207	>10000	Produced Water Sample	
Hydrocarbon	Cameo	11616	11207	12166	11757	>10000	Produced Water Sample	
Hydrocarbon	Rollins	12166	11757	12262	11853	>10000	Produced Water Sample	The Rollins is a nonproductive zone in the referenced area of basin.
Hydrocarbon	Cozzette	12262	11853	12862	12453	>10000	Produced Water Sample	
Hydrocarbon	Corcoran	12862	12453	13824	13253	>10000	Produced Water Sample	

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:

[Empty text box]

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:

- Add Oil and Gas Location(s)
- Add Drilling and Spacing Unit(s)
- Amend Oil and Gas Location(s)
- Amend Drilling and Spacing Unit(s)
- Remove Oil and Gas Location(s)
- Remove Drilling and Spacing Unit(s)
- Oil and Gas Location attachment or plan updates
- Amend the lands subject to the OGDG
- Other

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

[Empty text box]

Best Management Practices

No BMP/COA Type

Description

1	Drilling/Completion Operations	A closed loop system will be used. DRILL CUTTINGS: Drill cuttings will be stored in steel bins. Cuttings samples may be collected when drilling is initiated for waste characterization. Based on the analytical results, drill cuttings will be managed and disposed of pursuant to ECMC rule 905.e. CONTAINMENT: During completions, QB may utilize 15-20 temporary tanks to hold frac fluid and flowback water. FLOWBACK & STIMULATION: As wells progress from the drilling stage to the completions stage temporary working tanks will be situated on the RNPU Fed A27-197 CDP. QB estimates that there could be 15-20 500-bbl tanks on location for roughly 18-months as the wells progress from the drilling to completions stage during Sim-Ops. The contents of the tanks will contain produced water. The entire Oil and Gas Location for the RNPU Fed A27-197 will include a compacted earthen berm perimeter around the operational area. Once the working tanks are no longer necessary for operations the tanks will be removed.
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Total: 1 comment(s)

Operator Comments:

The sundry is being submitted to update footages on the subject well.

The distance to the nearest well completed in the same formation is the RNPU B27 Fed 14D-22-197 per the anti-collision report.

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

Signed: _____ Print Name: Ally Ota

Title: Sr. Regulatory Analyst Email: aota@qb-energy.com Date: 12/13/2024

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

ECMC Approved: Buchanan, Fenton Date: 1/23/2025

CONDITIONS OF APPROVAL, IF ANY LIST

COA Type	Description
	1)Submit Form 42 electronically to ECMC 2 business days prior to MIRU (spud notice) for the first well activity with a rig on the pad and provide 2 business day spud notice via Form 42 for all subsequent wells drilled on the pad. 2)Operator shall provide cement coverage from the first string casing shoe to a minimum of 500' above the Wasatch G. Verify cement coverage with a cement bond log. 3)Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test: 1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 150 psig is observed or if there is evidence of communication, Operator must contact ECMC engineering for approval prior to stimulation. 2) A post-production test within 60 days after first sales 4)Operator shall comply with the most current revision of the Northwest Notification Policy.
	This Form 4 makes changes to the approved Form 2 and must be displayed with the Form 2 while drilling.
2 COAs	

General Comments

User Group	Comment	Comment Date
Engineer	Top of Cement COA is updated from the original Form 2	01/21/2025

Total: 1 comment(s)

ATTACHMENT LIST

Att Doc Num	Name
403987474	SUNDRY NOTICE APPROVED-LOC-SFTY-STBK-MNRL-STBK-OBJ-DRLG-CSG
403987516	WELL LOCATION PLAT
403992793	DEVIATED DRILLING PLAN
403992820	DIRECTIONAL DATA
404067488	FORM 4 SUBMITTED

Total Attach: 5 Files