

# State of Colorado Oil and Gas Conservation Commission

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DE	ET	OE	ES
Document Number: <b>402720479</b>			
Date Received: <b>06/21/2021</b>			

## SUNDRY NOTICE

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: <b>10456</b>	Contact Name: <b>Reed Haddock</b>
Name of Operator: <b>CAERUS PICEANCE LLC</b>	Phone: <b>(720) 880-6369</b>
Address: <b>1001 17TH STREET #1600</b>	Fax: <b>(303) 565-4606</b>
City: <b>DENVER</b> State: <b>CO</b> Zip: <b>80202</b>	Email: <b>rhaddock@caerusoilandgas.com</b>

  

API Number : <b>05-0452433400</b>	OGCC Facility ID Number: <b>476652</b>
Well/Facility Name: <b>BJU G35 FED</b>	Well/Facility Number: <b>12B-35-496</b>
Location QtrQtr: <b>SWNE</b> Section: <b>35</b> Township: <b>4S</b> Range: <b>96W</b> Meridian: <b>6</b>	
County: <b>GARFIELD</b> Field Name: <b>GRAND VALLEY</b>	
Federal, Indian or State Lease Number: <b>COC061138</b>	

Complete the Attachment  
Checklist

OP OGCC

Survey Plat		
Directional Survey		
Srvc Eqpmt Diagram		
Technical Info Page		
Other		

## CHANGE OF LOCATION OR AS BUILT GPS REPORT

☒ Change of Location \* ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

\* Well location change requires new plat. A substantive surface location change may require new Form 2A.

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

Latitude **39.660642** GPS Quality Value: **1.6** Type of GPS Quality Value: **PDOP** Measurement Date: **06/14/2021**  
Longitude **-108.134936**

### LOCATION CHANGE (all measurements in Feet)

Well will be: **DIRECTIONAL** (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr **SWNE** Sec **35**

New **Surface** Location **To** QtrQtr **SWNE** Sec **35**

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec **35**

New **Top of Productive Zone** Location **To** Sec **35**

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec **36** Twp **4S**

New **Bottomhole** Location Sec **35** Twp **4S**

Is location in High Density Area? **No**

Distance, in feet, to nearest building **5280**, public road: **2487**, above ground utility: **5280**, railroad: **5280**,

property line: **2487**, lease line: **1154**, well in same formation: **470**

Ground Elevation **8166** feet Surface owner consultation date \_\_\_\_\_

FNL/FSL		FEL/FWL	
1989	FNL	2361	FEL
1977	FNL	2358	FEL
Twp <b>4S</b>	Range <b>96W</b>	Meridian <b>6</b>	
Twp <b>4S</b>	Range <b>96W</b>	Meridian <b>6</b>	
1537	FNL	482	FWL
1452	FNL	156	FWL
Twp <b>4S</b>	Range <b>96W</b>		
Twp <b>4S</b>	Range <b>96W</b>		
1571	FNL	388	FWL
1486	FNL	62	FWL
Range <b>9W</b>			
Range <b>96W</b>			

\*\* attach deviated drilling plan

**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>

**OTHER CHANGES**

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

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

From: Name BJU G35 FED Number 12B-35-496 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 905)

☐ **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 908)

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 CONFIDENTIAL STATUS**

☐ **DIGITAL WELL LOG UPLOAD**

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

**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**

☐ NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned \_\_\_\_\_ Has Production Equipment been removed from site? \_\_\_\_\_

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT \_\_\_\_\_

☐ SPUD DATE: \_\_\_\_\_

**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                      Approximate Start Date    12/01/2021

☐ REPORT OF WORK DONE                      Date Work Completed    \_\_\_\_\_

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare   | <input type="checkbox"/> E&P Waste Mangement Plan      |
| <input checked="" 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"/> Rule 502 variance requested. Must provide detailed info regarding request. |  |
| <input type="checkbox"/> Bradenhead Plan                             | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |
| <input type="checkbox"/> Other _____                                 |   |  |

**COMMENTS:**

The directional plan and data have been revised along with the cement and casing design. Attached find a revised directional survey, revised excel data spreadsheet and revised Location Survey Plat. The revised TD is 12,163' MD.

**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	A252	54#	0	100	218	100	0
SURF	14+3/4	9+5/8	J55	36#	0	3000	710	3000	0
1ST	8+3/4	4+1/2	HCP110	11.6#	0	12163	1468	12163	3000

**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	Green River	0	0	2300	2186	501-1000	CGS	
Confining Layer	Wasatch	2681	2537	5900	5501			
Hydrocarbon	Wasatch G	5939	5537	6200	5777			The Wasatch G is a non-productive zone in the referenced area of the basin.
Confining Layer	Ft. Union	6240	5814	8300	7746			
Hydrocarbon	Ohio Creek	8373	7819	8600	8046	>10000	Produced Water Sample	
Hydrocarbon	Williams Fork	8619	8065	11300	10745	>10000	Produced Water Sample	
Hydrocarbon	Cameo	11364	10809	11900	11344	>10000	Produced Water Sample	
Hydrocarbon	Rollins	11963	11407	12163	11607	>10000	Produced Water Sample	

**H2S REPORTING**

**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:

## Best Management Practices

**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: Reed Haddock  
Title: Regulatory Lead Email: rhaddock@caerusoilandgas.com Date: 6/21/2021

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: 6/29/2021

### **CONDITIONS OF APPROVAL, IF ANY:**

#### Condition of Approval

**COA Type**

**Description**

1)Operator shall comply with the most current revision of the Northwest Notification Policy.

2)Operator shall comply with the most current revision of the Garfield County Rulison Field Notice to Operators, with the following exception: All field notice requirements specified in that Notice to Operators are superseded by the requirements of the most current revision of the Northwest Colorado Notification Policy (see Condition of Approval #1).

3)Operator shall provide cement coverage from the production casing shoe (4+1/2" FIRST STRING) to a minimum of 200' above all Mesaverde Group (and Ohio Creek Formation, if present) oil, gas, and water-bearing sandstone and coalbed formations. Verify production casing cement coverage with a cement bond log.

4)The well in question, API# 05-045-15606 SGU CP08D-34 H34 49, was not plugged with proper isolation of producing formations. This well is within 1500 ft. of the following wells on the BJU G35 496 pad:

- 1) BJU G35 FED 12B-35-496
- 2) BJU G35 FED 12D-35-496
- 3) BJU G35 FED 13B-35-496
- 4) BJU G35 FED 13D-35-496

Operator acknowledges the proximity of the listed wells. Operator will submit a Form 42 ("OTHER - AS SPECIFIED BY PERMIT CONDITION") stating that appropriate mitigation will be completed during the hydraulic stimulation of this permitted well. This Form 42 shall be filed 48 hours prior to stimulation. If completions for the 4 listed wells are planned above a TVD of 8,147 ft. provide the perforation depths and stimulation plan to the COGCC area engineer for review at least 48 hours prior to the stimulation.

1 COA

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Offset water well check: COGCC evaluated offset water wells within one mile of this proposed well's surface hole location. This information in addition to locally-available geophysical logs and hydrogeologic information was used to evaluate the adequacy of the operator's proposed surface casing setting depth. The deepest water well within one mile is 700 feet.</p> <p>None of the water wells within one mile are for domestic use. Offset Well Evaluation: Existing offset oil and gas wells within 1,500 feet of this wellbore meet standards. No mitigation required.</p>	06/29/2021

Total: 1 comment(s)

### Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402720479	SUNDRY NOTICE APPROVED-LOC-DRLG-CSG
402720534	WELL LOCATION PLAT
402721879	DEVIATED DRILLING PLAN
402721881	DIRECTIONAL DATA
402732288	FORM 4 SUBMITTED

Total Attach: 5 Files