

State of Colorado
Oil and Gas Conservation Commission

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



| | | | |
|--------------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: 402725381 | | | |
| Date Received: 06/22/2021 | | | |

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

Complete the Attachment
Checklist

OP OGCC

API Number : 05- 045 24341 00 OGCC Facility ID Number: 476659
 Well/Facility Name: BJU G35 FED Well/Facility Number: 25C-35-496
 Location QtrQtr: SWNE Section: 35 Township: 4S Range: 96W Meridian: 6
 County: GARFIELD Field Name: GRAND VALLEY
 Federal, Indian or State Lease Number: COC069557

| | | |
|---------------------|--|--|
| Survey Plat | | |
| Directional Survey | | |
| Srfc 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 39.660279 GPS Quality Value: 1.8 Type of GPS Quality Value: PDOP Measurement Date: 06/14/2021
 Longitude -108.134545

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 35 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: 2644, above ground utility: 5280, railroad: 5280,

property line: 3217, lease line: 350, well in same formation: 430

Ground Elevation 8165 feet Surface owner consultation date _____

| FNL/FSL | | FEL/FWL | |
|---------------|------------------|-------------------|---------------|
| <u>2116</u> | <u>FNL</u> | <u>2255</u> | <u>FEL</u> |
| <u>2109</u> | <u>FNL</u> | <u>2248</u> | <u>FEL</u> |
| Twp <u>4S</u> | Range <u>96W</u> | Meridian <u>6</u> | |
| Twp <u>4S</u> | Range <u>96W</u> | Meridian <u>6</u> | |
| <u>370</u> | <u>FSL</u> | <u>1158</u> | <u>FEL</u> |
| <u>384</u> | <u>FSL</u> | <u>1492</u> | <u>FEL</u> ** |
| Twp <u>4S</u> | Range <u>96W</u> | | |
| Twp <u>4S</u> | Range <u>96W</u> | | |
| <u>337</u> | <u>FSL</u> | <u>1252</u> | <u>FEL</u> |
| <u>350</u> | <u>FSL</u> | <u>1586</u> | <u>FEL</u> ** |

** attach deviated drilling plan

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 12,186' 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 | 12186 | 1465 | 12186 | 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 | 1800 | 1714 | 501-1000 | CGS | |
| Confining Layer | Wasatch | 2671 | 2515 | 5900 | 5489 | | | |
| Hydrocarbon | Wasatch G | 5929 | 5515 | 6200 | 5765 | | | The Wasatch G is a non-productive zone in the referenced area of the basin. |
| Confining Layer | Ft. Union | 6273 | 5832 | 8400 | 7826 | | | |
| Hydrocarbon | Ohio Creek | 8454 | 7880 | 8600 | 8026 | >10000 | Produced Water Sample | |
| Hydrocarbon | Williams Fork | 8688 | 8114 | 11300 | 10725 | >10000 | Produced Water Sample | |
| Hydrocarbon | Cameo | 11400 | 10825 | 11900 | 11325 | >10000 | Produced Water Sample | |
| Hydrocarbon | Rollins | 11985 | 11411 | 12186 | 11611 | >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: 6/22/2021

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 COA | <p>1)Operator shall comply with the most current revision of the Northwest Notification Policy.</p> <p>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).</p> <p>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.</p> |
|-------|--|

General Comments

| User Group | Comment | Comment Date |
|-------------------|---|---------------------|
| 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. None of the water wells within one mile are for domestic use.</p> <p>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

| Att Doc Num | Name |
|-----------------------|-------------------------------------|
| 402725381 | SUNDRY NOTICE APPROVED-LOC-DRLG-CSG |
| 402726326 | WELL LOCATION PLAT |
| 402726328 | DEVIATED DRILLING PLAN |
| 402726330 | DIRECTIONAL DATA |
| 402732723 | FORM 4 SUBMITTED |
| Total Attach: 5 Files | |