

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

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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|                                      |    |    |    |
|--------------------------------------|----|----|----|
| DE                                   | ET | OE | ES |
| Document Number:<br><u>403339951</u> |    |    |    |
| Date Received:                       |    |    |    |

**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: 10633 Contact Name Jeff Annable  
 Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC Phone: (303) 312-8529  
 Address: 1801 CALIFORNIA STREET #2500 Fax: ( )  
 City: DENVER State: CO Zip: 80202 Email: jannable@civiresources.com

**FORM 4 SUBMITTED FOR:**

Facility Type: WELL  
 API Number : 05- 123 51942 00 ID Number: 483570  
 Name: Cosslett East Number: 1H-22H-H168  
 Location QtrQtr: SENE Section: 22 Township: 1N Range: 68W Meridian: 6  
 County: WELD Field Name: WATTENBERG

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

Location(s)

| Location ID | Location Name and Number |
|-------------|--------------------------|
| 323151      | Cosslett East 22H-H168   |

OGDP(s)

| OGDP ID | OGDP Name              |
|---------|------------------------|
| 482207  | Cosslett East 22H-H168 |

**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)

|  |   |  |  |   |  |
|--|---|--|--|---|--|
|  |   | FNL/FSL  |  | FEL/FWL   |  |
| Change of <b>Surface</b> Footage <b>From</b> : |   | 1715   | FNL  | 1138  | FEL  |
| Change of <b>Surface</b> Footage <b>To</b> :   |   |  |  |   |  |
| Current <b>Surface</b> Location <b>From</b>    | QtrQtr <span style="border: 1px solid black; padding: 2px;">SENE</span> | Sec <span style="border: 1px solid black; padding: 2px;">22</span> | Twp <span style="border: 1px solid black; padding: 2px;">1N</span> | Range <span style="border: 1px solid black; padding: 2px;">68W</span> | Meridian <span style="border: 1px solid black; padding: 2px;">6</span> |
| New <b>Surface</b> Location <b>To</b>          | QtrQtr <span style="border: 1px solid black; padding: 2px;"> </span>    | Sec <span style="border: 1px solid black; padding: 2px;"> </span>  | Twp <span style="border: 1px solid black; padding: 2px;"> </span>  | Range <span style="border: 1px solid black; padding: 2px;"> </span>   | Meridian <span style="border: 1px solid black; padding: 2px;"> </span> |

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

460 FNL

2550 FEL

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

\*\*

Current **Top of Productive Zone** Location

Sec 23

Twp 1N

Range 68W

New **Top of Productive Zone** Location

Sec

Twp

Range

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

FNL

FEL

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:**

460 FSL

2526 FEL

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

\*\*

Current **Bottomhole** Location

Sec 26

Twp 1N

Range 68W

\*\* 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

\_\_\_\_\_



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    03/13/2023

SUBSEQUENT REPORT      Date of Activity \_\_\_\_\_

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Bradenhead Plan  | <input type="checkbox"/> Venting or Flaring (Rule 903) | <input type="checkbox"/> E&P Waste Mangement           |
| <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"/> 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 sundry is being submitted to add an additional string of casing per our approved Geohazards Plan. This mitigation string used to mitigate the potential mines beneath the location is labeled "New String Type".

**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**

| <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          | 24                  | 16                    | N/A          | 42           | 0                    | 80                   | 100              | 80             | 0              |
| SURF               | 12+1/4              | 9+5/8                 | J-55         | 36           | 0                    | 2520                 | 839              | 2520           | 0              |
| 1ST                | 8+1/2               | 5+1/2                 | P-110        | 20           | 0                    | 19022                | 2966             | 19022          | 0              |
| NEW                | 17+1/2              | 13+3/8                | J-55         | 54.4         | 0                    | 550                  | 590              | 550            | 0              |

**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      | Denver Formation         | 0               | 0                 | 154                | 154                  | 501-1000          | Groundwater Atlas        | USGS HA-646 (Robson & Romero, 1981) |
| Groundwater      | Laramie Formations       | 154             | 154               | 631                | 631                  | 501-1000          | Groundwater Atlas        | USGS HA-646 (Robson & Romero, 1981) |
| Groundwater      | Fox Hills                | 631             | 631               | 803                | 803                  | 501-1000          | Groundwater Atlas        | USGS HA-646 (Robson & Romero, 1981) |
| Confining Layer  | Pierre Shale             | 803             | 803               | 1050               | 1049                 |                   |                          |                                     |
| Groundwater      | Upper Pierre Aquifer     | 1050            | 1049              | 2033               | 1985                 | 1001-10000        | Electric Log Calculation | Coslett B Unit 1X (05-123-12630)    |
| Confining Layer  | Pierre Shale             | 2033            | 1985              | 4954               | 4363                 |                   |                          |                                     |
| Hydrocarbon      | Larimer Sandstone        | 4954            | 4363              | 5460               | 4771                 |                   |                          | Not Productive in this area.        |
| Hydrocarbon      | Sussex                   | 5460            | 4771              | 6173               | 5346                 |                   |                          | Not Productive in this area.        |
| Hydrocarbon      | Shannon                  | 6173            | 5346              | 6413               | 5539                 |                   |                          | Not Productive in this area.        |
| Confining Layer  | Pierre Shale             | 6413            | 5539              | 9151               | 7613                 |                   |                          |                                     |
| Confining Layer  | Sharon Springs           | 9151            | 7613              | 9176               | 7618                 |                   |                          |                                     |
| Hydrocarbon      | Niobrara                 | 9176            | 7618              | 19022              | 7618                 |                   |                          |                                     |

**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**

| No BMP/COA Type | Description |
|-----------------|-------------|
|                 |             |

**Operator Comments:**

This sundry is being submitted to add an additional string of casing per our approved Geohazards Plan. This mitigation string used to mitigate the potential mines beneath the location is labeled "New String Type".

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

Signed: \_\_\_\_\_ Print Name: Jeff Annable

Title: Manager, Regulatory Email: jannable@civiresources.com Date: \_\_\_\_\_

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:**

**COA Type**

**Description**

| COA Type | Description |
|----------|-------------|
| 0 COA    |             |

**General Comments**

**User Group**

**Comment**

**Comment Date**

| User Group | Comment | Comment Date        |
|------------|---------|---------------------|
|            |         | Stamp Upon Approval |

Total: 0 comment(s)

**Attachment List**

**Att Doc Num**

**Name**

|  |  |
|--|--|
|  |  |
|--|--|

Total Attach: 0 Files