

**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>96850</u>	Contact Name <u>MELISSA LUKE</u>
Name of Operator: <u>TEP ROCKY MOUNTAIN LLC</u>	Phone: <u>(970) 263-2721</u>
Address: <u>1058 COUNTY ROAD 215</u>	Fax: ( )
City: <u>PARACHUTE</u> State: <u>CO</u> Zip: <u>81635</u>	Email: <u>MLUKE@TERRAEP.COM</u>

**FORM 4 SUBMITTED FOR:**

Facility Type: WELL

API Number : 05- 045 11097 00 ID Number: 279899

Name: CLOUGH Number: RWF 431-21

Location QtrQtr: SWSE Section: 16 Township: 6S 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
335160	CLOUGH-66S94W 16SWSE

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)

		FNL/FSL		FEL/FWL	
Change of <b>Surface</b> Footage <b>From:</b>		408	FSL	1726	FEL
Change of <b>Surface</b> Footage <b>To:</b>					
Current <b>Surface</b> Location <b>From</b>	QtrQtr <u>SWSE</u> Sec <u>16</u>	Twp <u>6S</u>	Range <u>94W</u>	Meridian <u>6</u>	
New <b>Surface</b> Location <b>To</b>	QtrQtr _____    Sec _____	Twp _____	Range _____	Meridian _____	
Change of <b>Top of Productive Zone</b> Footage <b>From:</b>		221	FNL	2038	FEL
Change of <b>Top of Productive Zone</b> Footage <b>To:</b>					**
Current <b>Top of Productive Zone</b> Location	Sec <u>21</u>	Twp <u>6S</u>	Range <u>94W</u>		
New <b>Top of Productive Zone</b> 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:**

221 FNL

2038 FEL

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

\*\*

Current **Bottomhole** Location

Sec

Twp

Range

\*\* 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

Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration	Add	Modify	No Change	Delete
WILLIAMS FORK	WMFK	139-38	320	N2			X	





COMMENTS:

TEP Rocky Mountain LLC (TEP) respectfully requests approval to conduct a casing repair on the CLOUGH RWF 431-21 well. CPW Consultation for ECMC Rule 312 occurred on 03/06/2025.

Proposed Procedure:

1. MIRU Service rig, spot all equipment, kill well
2. ND Production tree, NU BOP's, Pressure test BOP's to 300 psi low, 4,000 psi high
3. POOH 2-3/8" tbg while scanning/inspecting, leaving final 10-15 jts of tbg in hole for tail string
  - a. EM only indicates potential pitting in production casing @ +/-1,245'
4. RIH with 4-1/2" TSBP and tail string using only YB tbg pulled from well. If necessary PUMU YB, WB, or new tbg
5. Set BP at +/-3,500' (TOC 3,300'), POOH SB tbg
6. PU pkr, RIH to isolate depth of csg leak, POOH SB tbg
7. If csg leak is above surface csg shoe:
  - a. Mechanically cut casing +/-20' below leak depth if necessary to allow un-landing csg slips
  - b. POOH LD damaged csg
  - c. RIH w/ overshot and LHWS and latch onto production csg
  - d. Manually backoff production casing with string shot appx 1+ jt below damaged csg
  - e. POOH with casing and lay down
  - f. RIH with new casing and screw back into existing casing, fully torque (+/-2,650 ft-lbs)
  - g. Pull test +/-65k. Land in minimum tension (+/-55k)
  - h. Pressure test csg
8. If csg leak is below surface csg shoe:
  - a. RIH set RBP 100' below csg leak, dump bail sand on top of RBP
  - b. RIH w/ tbg to 50' below csg leak; establish circulation down production csg and up surface csg
  - c. Pump 50 sks cmt to balance from 50' below to 100' above csg leak inside/outside 4-1/2" 11.6# csg
  - d. PU tbg to 100' above csg leak and circulate hole clean
  - e. RIH w/ bit and drill out 150' cement plug from inside 4-1/2" csg
  - f. Pressure test csg
  - g. RIH to retrieve top RBP, washing sand and circulating hole clean prior to latching up
9. RIH and retrieve lower RBP; POOH entire string, visually inspect tbg and tally
10. RIH with production tubing while HYDROTESTING, make light tag on fill
  - a. Note – Run lower grade pipe on bottom of string. Clearly notate within daily operation activity details the makeup of the string (grade, color, depths)
11. POOH to land depth +/-7,552' (+/-150' above tag). Pump tbg volume if tagged to clear tbg; Hydrotest hanger connection
12. RDMO Service Unit and cleanup location

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:

[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]

**Operator Best Management Practices**

**No BMP/COA Type**

**Description**

<u>No BMP/COA Type</u>	<u>Description</u>

Operator Comments:

[Empty text box for 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: MELISSA LUKE

Title: REGULATORY SPECIALIST Email: MLUKE@TERRAEP.COM Date: \_\_\_\_\_

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

ECMC Approved: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY LIST**

**COA Type**

**Description**

0 COA	
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**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
		Stamp Upon Approval

Total: 0 comment(s)

**ATTACHMENT LIST**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
404141243	PROPOSED PROCEDURE
404141245	CPW CONSULTATION

Total Attach: 2 Files