

FORM 2 Rev 12/20

State of Colorado Oil and Gas Conservation Commission

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APPLICATION FOR PERMIT TO:

[X] Drill [ ] Deepen [ ] Re-enter [ ] Recomplete and Operate

Amend [ ] Refile [ ] Sidetrack [ ]

TYPE OF WELL OIL [ ] GAS [X] COALBED [ ] OTHER: ZONE TYPE SINGLE ZONE [X] MULTIPLE ZONES [ ] COMMINGLE ZONES [ ]

Well Name: FEDERAL Well Number: WMC 13-20 Name of Operator: TEP ROCKY MOUNTAIN LLC COGCC Operator Number: 96850 Address: PO BOX 370 City: PARACHUTE State: CO Zip: 81635 Contact Name: Vicki Schoeber Phone: (970)263-2721 Fax: ( ) Email: vschoeber@terraep.com

RECLAMATION FINANCIAL ASSURANCE

Plugging and Abandonment Bond Surety ID:

WELL LOCATION INFORMATION

Surface Location

QtrQtr: SESW Sec: 17 Twp: 7S Rng: 93W Meridian: 6 Footage at Surface: 248 Feet FSL 1816 Feet FWL Latitude: 39.439072 Longitude: -107.799499 GPS Data: GPS Quality Value: 3.4 Type of GPS Quality Value: PDOP Date of Measurement: 07/28/2020 Ground Elevation: 8869 Field Name: RULISON Field Number: 75400

Well Plan: is [X] Directional [ ] Horizontal (highly deviated) [ ] Vertical

If Well plan is Directional or Horizontal attach Deviated Drilling Plan and Directional Data.

Subsurface Locations

Top of Productive Zone (TPZ) Sec: 20 Twp: 7S Rng: 93W Footage at TPZ: 2480 FSL 607 FWL Measured Depth of TPZ: 7915 True Vertical Depth of TPZ: 7292 FNL/FSL FEL/FWL Base of Productive Zone (BPZ) Sec: 20 Twp: 7S Rng: 93W Footage at BPZ: 2480 FSL 607 FWL Measured Depth of BPZ: 11478 True Vertical Depth of BPZ: 10812 FNL/FSL FEL/FWL Bottom Hole Location (BHL) Sec: 20 Twp: 7S Rng: 93W Footage at BHL: 2480 FSL 607 FWL FNL/FSL FEL/FWL

## LOCAL GOVERNMENT PERMITTING INFORMATION

County: GARFIELD

Municipality: N/A

Is the Surface Location of this Well in an area designated as one of State interest and subject to the requirements of § 24-65.1-108 C.R.S.? No

Per § 34-60-106(1)(f)(I)(A) C.R.S., the following questions pertain to the Relevant Local Government approval of the siting of the proposed Oil and Gas Location.

SB 19-181 provides that when "applying for a permit to drill," operators must include proof that they sought a local government siting permit and the disposition of that permit application, or that the local government does not have siting regulations. § 34-60-106(1)(f)(I)(A) C.R.S.

Does the Relevant Local Government regulate the siting of Oil and Gas Locations, with respect to this Location?  Yes  No

If yes, in checking this box, I hereby certify that an application has been filed with the local government with jurisdiction to approve the siting of the proposed oil and gas location.

The disposition of the application filed with the Relevant Local Government is: \_\_\_\_\_ Date of Final Disposition: \_\_\_\_\_

Comments: **TEP Rocky Mountain LLC contacted Garfield County, the local government with jurisdiction over the siting of this proposed oil and gas location on April 20, 2021, and determined that no county permit is required for these wells and therefore per the Garfield County Land Use and Development Code, Table 3-403, "Oil and Gas Drilling and Production" and "Hydraulic Fracturing, Remote Surface Locations" are a use-by-right or exempt from Land Use Regulation, if the application does not trigger an Alternative Location Analysis.**

## SURFACE AND MINERAL OWNERSHIP AT WELL'S OIL & GAS LOCATION

Surface Owner of the land at this Well's Oil and Gas Location:  Fee  State  Federal  Indian

Mineral Owner beneath this Well's Oil and Gas Location:  Fee  State  Federal  Indian

Surface Owner Protection Financial Assurance (if applicable): \_\_\_\_\_ Surety ID Number (if applicable): \_\_\_\_\_

### MINERALS DEVELOPED BY WELL

The ownership of all the minerals that will be developed by this Well is (check all that apply):

- Fee  
 State  
 Federal  
 Indian  
 N/A

### LEASE INFORMATION

Using standard QtrQtr, Section, Township, Range format describe one entire mineral lease as follows:

\* If this Well is within a unit, describe a lease that will be developed by the Well.

\* If this Well is not subject to a unit, describe the lease that will be produced by the Well.

(Attach a Lease Map or Lease Description or Lease if necessary.)

T7S-R93W

Sec 19: Lots 5, 6, 9-12, 17, 18

Sec 20: N2, W2SW4, N2SE4, SW4SE4

Sec 29: Lots 4, 9, 12

Sec 30: S2NE4, NE4SE4, Lots 5, 6, 12

Total Acres in Described Lease: 1161 Described Mineral Lease is:  Fee  State  Federal  Indian

Federal or State Lease # COC075070

### SAFETY SETBACK INFORMATION

Distance from Well to nearest:

Building: 4458 Feet  
 Building Unit: 5280 Feet  
 Public Road: 5280 Feet  
 Above Ground Utility: 5280 Feet  
 Railroad: 5280 Feet  
 Property Line: 248 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.

**OBJECTIVE FORMATIONS**

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
WILLIAMS FORK	WMFK	1-229		

Federal or State Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

**SUBSURFACE MINERAL SETBACKS**

Enter 5280 for distance greater than 1 mile.

Is this Well within a unit? No

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: 650 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: 336 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. \_\_\_\_\_

**SPACING & FORMATIONS COMMENTS**

**DRILLING PROGRAM**Proposed Total Measured Depth: 11628 FeetTVD at Proposed Total Measured Depth 10962 Feet

Distance from the proposed wellbore to nearest existing or proposed wellbore belonging to another operator, including plugged wells:

Enter distance if less than or equal to 1,500 feet: \_\_\_\_\_ Feet  No well belonging to another operator within 1,500 feetWill a closed-loop drilling system be used? YesIs H<sub>2</sub>S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No If yes, attach an H<sub>2</sub>S Drilling Plan unless a plan was already submitted with the Form 2A per Rule 304.c.(10).Will there be hydraulic fracture treatment at a depth less than 2,000 feet in this well? NoWill salt sections be encountered during drilling? NoWill salt based (>15,000 ppm Cl) drilling fluids be used? NoWill oil based drilling fluids be used? NoBOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  NoneBeneficial reuse or land application plan submitted? No

Reuse Facility ID: \_\_\_\_\_ or Document Number: \_\_\_\_\_

**CASING PROGRAM**

Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	30	20	X-65	78.67	0	84	199	84	0
SURF	13+1/2	9+5/8	J-55	36	0	1100	285	1100	0
1ST	8+3/4	4+1/2	P-110	11.6	0	11628	1034	11628	6921

 Conductor Casing is NOT planned**POTENTIAL FLOW AND CONFINING FORMATIONS**

Zone Type	Formation /Hazard	Top M.D.	Top T.V.D.	Bottom M.D.	Bottom T.V.D.	TDS (mg/L)	Data Source	Comment
Groundwater	Green River	0	0	909	900	501-1000	Other	Surface Water/Rose Stream Sample
Confining Layer	U. Wasatch	909	900	5217	4832			
Hydrocarbon	Wasatch G	5217	4832	7046	6500			Non-Productive Zone
Confining Layer	Ft Union	7046	6500	7421	6842			
Groundwater	L. Wasatch	7421	6842	7915	7292	>10000	Field Scout Card	
Hydrocarbon	Mesaverde	7915	7292	9478	8812			
Hydrocarbon	Top Gas	9478	8812	10708	10042			
Hydrocarbon	Cameo	10708	10042	11478	10812			
Hydrocarbon	Rollins	11478	10812	11628	10962			

**OPERATOR COMMENTS AND SUBMITTAL**

Comments: Nearest offset well producing from the same lease and permitted or completed in the same formation: FEDERAL WMC 512-20 (Doc #402579518)

OGDP application (Docket #210500082) and Form 2A (Doc #402578943) approved on 9/1/2021.

This application is in a Comprehensive Area Plan No CAP #: \_\_\_\_\_Oil and Gas Development Plan Name FEDERAL WMC 24-17 OGDP ID#: 480230Location ID: 480732

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

Signed: \_\_\_\_\_ Print Name: Vicki Schoeber

Title: Regulatory Specialist Date: 9/1/2021 Email: vschoeber@terraep.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

<b>API NUMBER</b>
05

### Conditions Of Approval

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

<u>COA Type</u>	<u>Description</u>

### Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
1	Drilling/Completion Operations	Alternative Logging Program: One of the first wells drilled on this pad will be logged with an open-hole resistivity log with gamma-ray, from TD into the surface casing. All wells on the pad will have a cement bond log (CBL) with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open-hole logs will state "Alternative Logging Program - No open-hole logs were run" and will clearly identify the type of log and the well (by API#) in which open-hole logs were run.

Total: 1 comment(s)

### Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402583671	WELL LOCATION PLAT
402583673	DIRECTIONAL DATA
402583675	DEVIATED DRILLING PLAN

Total Attach: 3 Files

### General Comments

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

Total: 0 comment(s)

**Public Comments**

No public comments were received on this application during the comment period.

