

FORM  
2

Rev  
05/22

# State of Colorado Oil and Gas Conservation Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403127072

**(SUBMITTED)**

Date Received:

12/22/2022

## APPLICATION FOR PERMIT TO

Drill  Deepen  Re-enter  Recomplete and Operate

Amend

TYPE OF WELL OIL  GAS  COALBED  OTHER: \_\_\_\_\_

Refile

ZONE TYPE SINGLE ZONE  MULTIPLE ZONES  COMMINGLE ZONES

Sidetrack

Well Name: Leverich Well Number: SR 521-24  
 Name of Operator: TEP ROCKY MOUNTAIN LLC COGCC Operator Number: 96850  
 Address: 1058 COUNTY ROAD 215  
 City: PARACHUTE State: CO Zip: 81635  
 Contact Name: Melissa Luke Phone: (970)263-2721 Fax: ( )  
 Email: mluke@terraep.com

### FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION

#### COGCC Financial Assurance

The Operator has provided or will provide Financial Assurance to the COGCC for this Well.

Surety ID Number (if applicable): 20160057

#### Federal Financial Assurance

In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for this Well. (Per Rule702.a.)

Amount of Federal Financial Assurance \$ \_\_\_\_\_

### WELL LOCATION INFORMATION

#### Surface Location

QtrQtr: LOT 3 Sec: 13 Twp: 7S Rng: 94W Meridian: 6

Footage at Surface: 1401 Feet FSL 855 Feet FEL

Latitude: 39.435579 Longitude: -107.829146

GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: PDOP Date of Measurement: 08/04/2021

Ground Elevation: 8007

Field Name: RULISON Field Number: 75400

Well Plan: is  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: 13 Twp: 7S Rng: 94W Footage at TPZ: 1401 FSL 855 FEL  
Measured Depth of TPZ: 8130 True Vertical Depth of TPZ: 7031 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)

Sec: 24 Twp: 7S Rng: 94W Footage at BPZ: 1320 FNL 1956 FWL

Measured Depth of BPZ: 11000 True Vertical Depth of BPZ: 9901 FNL/FSL  FEL/FWL

Bottom Hole Location (BHL)

Sec: 24 Twp: 7S Rng: 94W Footage at BHL: 1320 FSL 1956 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: Approved Date of Final Disposition: 11/14/2022

Comments: TEP Rocky Mountain LLC received an approved Oil and Gas Permit from the Garfield County on 11/14/22.

**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 Bond (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.)

Approximately 420 acres described as follows:

Township 7 South, Range 94 West, Section 13: Lots 2, 3, 4, SW/4NE/4, W/2SE/4

Township 7 South, Range 93 West, Section 18: Lots 2, 3, 4, NE/4SW/4, SE/4NW/4, NW/4SE/4, NE/4SE/4, SE/4SW/4

Less and except a parcel of land situated in the NW/4 more particularly described by the metes and bounds recorded at Reception No. 742468

(LEASE MAP IS ATTACHED)

Total Acres in Described Lease: 420 Described Mineral Lease is:  Fee  State  Federal  Indian

Federal or State Lease # \_\_\_\_\_

## SAFETY SETBACK INFORMATION

Distance from Well to nearest:

Building: 1461 Feet  
Building Unit: 1434 Feet  
Public Road: 1317 Feet  
Above Ground Utility: 5280 Feet  
Railroad: 5280 Feet  
Property Line: 888 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: 646 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: 350 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: 11350 Feet TVD at Proposed Total Measured Depth 10251 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 feet

Will a closed-loop drilling system be used? Yes

Is 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? No

Will salt sections be encountered during drilling? No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? No

BOP Equipment Type:  Annular Preventor  Double Ram  Rotating Head  None

Beneficial 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	X65	78.67	0	80	200	80	0
SURF	13+1/2	9+5/8	J55	36.0	0	1100	277	1129	0
1ST	8+3/4	4+1/2	P110	11.60	0	11350	796	11350	6546

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
Confining Layer	U WASATCH	0	0	4752	4006			
Hydrocarbon	WASATCH G SAND	4752	4006	5380	4506			POTENTIAL LOSS ZONE/NON-PRODUCTIVE ZONE
Hydrocarbon	FT UNION	5380	4506	7046	5961			
Hydrocarbon	L WASATCH	7046	5961	7553	6456			
Hydrocarbon	OHIO CREEK	7553	6456	8130	7031			POTENTIAL LOSS ZONE
Hydrocarbon	U MESAVERDE	8130	7031	10216	9117			
Hydrocarbon	TOP GAS	8130	7031	10216	9117			
Hydrocarbon	CAMEO	10216	9117	11000	9901			
Hydrocarbon	ROLLINS	11000	9901	11350	10251			

## OPERATOR COMMENTS AND SUBMITTAL

Comments: Nearest offset well producing from the same lease and permitted or completed in the same formation: Leverich SR 421-24 (Doc #403127046)

OGDP application (Docket# 220700189) was approved on 11/30/2022, Form 2A (Doc# 403064316) approved on 12/13/2022.



## General Comments

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

Total: 0 comment(s)

