

FORM
2

Rev
05/22

State of Colorado
Oil and Gas Conservation Commission

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



Document Number:

403126989

(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: _____

Refill ☐

ZONE TYPE SINGLE ZONE ☒ MULTIPLE ZONES ☐ COMMINGLE ZONES ☐

Sidetrack ☐

Well Name: Leverich

Well Number: SR 424-13

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

FNL/FSL

FEL/FWL

Footage at Surface: 1389 Feet FSL 899 Feet FEL

Latitude: 39.435546

Longitude: -107.829300

GPS Data:

GPS Quality Value: 2.4

Type of GPS Quality Value: PDOP

Date of Measurement: 08/04/2021

Ground Elevation: 8006

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: 629 FSL 1948 FWL

Measured Depth of TPZ: 7584

True Vertical Depth of TPZ: 7081

FNL/FSL

FEL/FWL

Base of Productive Zone (BPZ)Sec: 13 Twp: 7S Rng: 94WFootage at BPZ: 629 FSL 1948 FWLMeasured Depth of BPZ: 10454True Vertical Depth of BPZ: 9951 FNL/FSL FEL/FWL**Bottom Hole Location (BHL)**Sec: 13 Twp: 7S Rng: 94WFootage at BHL: 629 FSL 1948 FWL

FNL/FSL FEL/FWL

LOCAL GOVERNMENT PERMITTING INFORMATIONCounty: GARFIELDMunicipality: 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: 11/14/2022Comments: 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 ☐ IndianMineral 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: 1419 Feet

Building Unit: 1391 Feet

Public Road: 1279 Feet

Above Ground Utility: 5280 Feet

Railroad: 5280 Feet

Property Line: 844 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: 629 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: 10804 Feet

TVD at Proposed Total Measured Depth 10301 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 H₂S gas reasonably expected to be encountered during drilling operations at concentrations greater than

or equal to 100 ppm? No If yes, attach an H₂S 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	X-65	78.67	0	80	200	80	0
SURF	13+1/2	9+5/8	J-55	36	0	1142	281	1142	0
1ST	8+3/4	4+1/2	P-110	11.6	0	10804	796	10804	6000

☐ 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	Upper Wasatch	0	0	4353	4036			
Hydrocarbon	Wasatch G Sand	4353	4036	4900	4536			Potential Loss Zone/Non-Productive Zone
Hydrocarbon	Fort Union	4900	4536	6500	6011			
Hydrocarbon	L Wasatch	6500	6011	6982	6481			
Hydrocarbon	Ohio Creek	6982	6481	7584	7081			Potential Loss Zone
Hydrocarbon	Top gas	7584	7081	9680	9177			
Hydrocarbon	U Mesaverde	7584	7081	9680	9177			
Hydrocarbon	Cameo	9680	9177	10454	9951			
Hydrocarbon	Rollins	10454	9951	10804	10301			

OPERATOR COMMENTS AND SUBMITTAL

Comments: Nearest offset well producing from the same lease and permitted or completed in the same formation: Leverich SR 324-13 (Doc #403127102) and the Leverich SR 524-13 (Doc #403127019).
OGDP application (Docket# 220700189) was approved on 11/30/2022, Form 2A (Doc# 403064316) approved on 12/13/2022.

This application is in a Comprehensive Area Plan No CAP #: _____

Oil and Gas Development Plan Name South Leverich 13-09OGDP ID#: 482745Location ID: 335045

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

Signed: _____

Print Name: Melissa LukeTitle: Regulatory SpecialistDate: 12/22/2022Email: mluke@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: _____

API NUMBER

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.

COA Type

Description

0 COA

Best Management Practices

No BMP/COA Type

Description

Attachment List

Att Doc Num

Name

403227758	WELL LOCATION PLAT
403228081	DIRECTIONAL DATA
403228082	LEASE MAP
403228085	DEVIATED DRILLING PLAN
403249536	OffsetWellEvaluations Data

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)