

FORM
2

Rev
12/20

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:

402579608

(SUBMITTED)

Date Received:

09/01/2021

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: FEDERAL Well Number: WMC 331-20
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: 237 Feet FSL 1844 Feet FWL
Latitude: 39.439043 Longitude: -107.799400
GPS Data: GPS Quality Value: 2.6 Type of GPS Quality Value: PDOP Date of Measurement: 07/28/2020
Ground Elevation: 8869
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: 20 Twp: 7S Rng: 93W Footage at TPZ: 371 FNL 1957 FEL
Measured Depth of TPZ: 7572 True Vertical Depth of TPZ: 7312 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)

Sec: 20 Twp: 7S Rng: 93W Footage at BPZ: 371 FNL 1957 FEL
Measured Depth of BPZ: 11092 True Vertical Depth of BPZ: 10832 FNL/FSL FEL/FWL

Bottom Hole Location (BHL)

Sec: 20 Twp: 7S Rng: 93W Footage at BHL: 371 FNL 1957 FEL
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: 4433 Feet
Building Unit: 5280 Feet
Public Road: 5280 Feet
Above Ground Utility: 5280 Feet
Railroad: 5280 Feet
Property Line: 237 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: 371 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: 353 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

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DRILLING PROGRAM

Proposed Total Measured Depth: 11242 Feet

TVD at Proposed Total Measured Depth 10982 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: 1030 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	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	11242	1017	11242	6612

☐ 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	923	900	501-1000	Other	Surface Water/Rose Stream Sample
Confining Layer	U. Wasatch	923	900	5102	4842			
Hydrocarbon	Wasatch G	5102	4842	6760	6500			Non-Productive Zone
Confining Layer	Ft Union	6760	6500	7112	6852			
Groundwater	L. Wasatch	7112	6852	7572	7312	>10000	Field Scout Card	
Hydrocarbon	Mesaverde	7572	7312	9092	8832			
Hydrocarbon	Top Gas	9092	8832	10322	10062			
Hydrocarbon	Cameo	10322	10062	11092	10832			
Hydrocarbon	Rollins	11092	10832	11242	10982			

OPERATOR COMMENTS AND SUBMITTAL

Comments

The MCU Fee 17-16C (M16W) well (05-045-20684) was used for the distance from proposed wellbore to the nearest existing/permitted wellbore belonging to another operator. This distance was measured in plan view.

Nearest offset well producing from the same lease and permitted or completed in the same formation: FEDERAL WMC 431-20 (Doc #402579599)

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#: 480230

Location 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: _____

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

Best Management Practices

No BMP/COA Type

Description

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.
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Total: 1 comment(s)

Attachment List

Att Doc Num

Name

402583710	WELL LOCATION PLAT
402583712	DIRECTIONAL DATA
402583715	DEVIATED DRILLING PLAN
402773055	OffsetWellEvaluations Data

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)

Public Comments

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

