

FORM
2
Rev
05/22

State of Colorado Energy & Carbon Management Commission

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



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(SUBMITTED)

Date Received:

03/06/2024

APPLICATION FOR PERMIT TO

Drill Deepen Re-enter Recomplete and Operate Amend

TYPE OF WELL OIL GAS COALBED OTHER: Injection Well

ZONE TYPE SINGLE ZONE MULTIPLE ZONES COMMINGLE ZONES Refile

Sidetrack

Well Name: Federal RG Well Number: 943-24-299D

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): _____

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 \$ 655000

WELL LOCATION INFORMATION

Surface Location

QtrQtr: SENW Sec: 24 Twp: 2S Rng: 99W Meridian: 6

Footage at Surface: 2303 Feet FNL 2297 Feet FWL

Latitude: 39.862678 Longitude: -108.454175

GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 08/24/2022

Ground Elevation: 7090

Field Name: SULPHUR CREEK Field Number: 80090

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: 24 Twp: 2S Rng: 99W Footage at TPZ: 1347 FSL 1318 FEL

Measured Depth of TPZ: 5722 True Vertical Depth of TPZ: 5100 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)
 Sec: 24 Twp: 2S Rng: 99W Footage at BPZ: 1347 FSL 1318 FEL
 Measured Depth of BPZ: 9773 True Vertical Depth of BPZ: 9150 FNL/FSL FEL/FWL

Bottom Hole Location (BHL)
 Sec: 24 Twp: 2S Rng: 99W Footage at BHL: 1347 FSL 1318 FEL
 FNL/FSL FEL/FWL

LOCAL GOVERNMENT PERMITTING INFORMATION

County: RIO BLANCO 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: In Process Date of Final Disposition:

Comments: TEP submitted a Special Use Building Permit for the RG 22-24-299 pad and is expecting approval from Rio Blanco County in the coming weeks.

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.)

PLEASE SEE ATTACHED LEASE MAP

Total Acres in Described Lease: 1280 Described Mineral Lease is: Fee State Federal Indian

Federal or State Lease # COC064201

SAFETY SETBACK INFORMATION

Distance from Well to nearest:

Building: 5280 Feet
 Building Unit: 5280 Feet
 Public Road: 479 Feet
 Above Ground Utility: 2039 Feet
 Railroad: 5280 Feet
 Property Line: 3029 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.)
ILES	ILES			
WILLIAMS FORK	WMFK			

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: 1318 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: 2985 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 PROGRAMProposed Total Measured Depth: 9773 FeetTVD at Proposed Total Measured Depth 9150 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 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? 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	X65	78.67	0	80	230	80	0
SURF	17+1/2	13+3/8	J55	54.5	0	1300	436	1300	0
1ST	12+1/4	9+5/8	J55	36.0	0	2900	154	2900	2265
2ND	8+3/4	5+1/2	HCP110	17.0	0	9150	861	9150	3977

 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	UINTA	0	0	858	850	1001-10000	Other	Nearby depth to water and TDS data sources
Groundwater	GRRV	858	850	962	950	1001-10000	Other	Nearby depth to water and TDS data sources
Subsurface Hazard	GRRV A GROOVE	962	950	1120	1100			POTENTIAL LOSS ZONE
Subsurface Hazard	GRRV B GROOVE	1120	1100	1447	1400			POTENTIAL LOSS ZONE
Subsurface Hazard	GRRV DISSOLUTION SURFACE	1447	1400	2038	1900			POTENTIAL LOSS ZONE
Confining Layer	GARDEN GULCH	2038	1900	2652	2400			
Confining Layer	UPPER WASATCH	2652	2400	4177	3650			
Subsurface Hazard	G SAND	4177	3650	4573	4000			POTENTIAL LOSS ZONE
Hydrocarbon	FORT UNION	4573	4000	5722	5100			
Hydrocarbon	OHIO CREEK	5722	5100	6788	6165			
Hydrocarbon	TOP GAS	6650	7273	8773	8150			
Hydrocarbon	UPPER MESAVERDE	6788	6165	7273	6650			
Hydrocarbon	ROLLINS	8773	8150	9373	8750			
Hydrocarbon	SEGO	9373	8750	9773	9150			

General Comments

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

Total: 0 comment(s)

