

FORM
2
Rev
05/22

State of Colorado
Energy & Carbon Management Commission

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



Document Number:

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(SUBMITTED)

Date Received:

06/23/2025

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: CAPITOL Well Number: 08N

Name of Operator: PDC ENERGY INC ECMC Operator Number: 69175

Address: 1099 18TH STREET SUITE 1500

City: DENVER State: CO Zip: 80202

Contact Name: Patricia Minerich Phone: (303)228-4000 Fax: ()

Email: RBUDevPermitting@chevron.com

FINANCIAL ASSURANCE FOR PLUGGING, ABANDONMENT, AND RECLAMATION

ECMC Financial Assurance

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

Surety ID Number (if applicable): 20240101

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: SESW Sec: 36 Twp: 5N Rng: 66W Meridian: 6

Footage at Surface: 213 Feet FSL 2361 Feet FWL

Latitude: 40.349025 Longitude: -104.726626

GPS Data: GPS Quality Value: 1.6 Type of GPS Quality Value: PDOP Date of Measurement: 06/20/2025

Ground Elevation: 4664

Field Name: WATTENBERG Field Number: 90750

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: 36 Twp: 5N Rng: 66W Footage at TPZ: 200 FSL 2394 FWL

Measured Depth of TPZ: 7382 True Vertical Depth of TPZ: 7045 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)
 Sec: 25 Twp: 5N Rng: 66W Footage at BPZ: 799 FNL 2293 FWL
 Measured Depth of BPZ: 16978 True Vertical Depth of BPZ: 7045 FNL/FSL FEL/FWL

Bottom Hole Location (BHL)
 Sec: 25 Twp: 5N Rng: 66W Footage at BHL: 799 FNL 2293 FWL
 FNL/FSL FEL/FWL

LOCAL GOVERNMENT PERMITTING INFORMATION

County: WELD 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.? Yes

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: 05/02/2024

Comments: 1041WOGLA23-0069 Approved on 5/2/2024

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.)

Total Acres in Described Lease: 80 Described Mineral Lease is: Fee State Federal Indian

Federal or State Lease # CO 80/5622 S

SAFETY SETBACK INFORMATION

Distance from Well to nearest:

Building: 1086 Feet
 Building Unit: 1086 Feet
 Public Road: 718 Feet
 Above Ground Utility: 757 Feet
 Railroad: 3464 Feet
 Property Line: 213 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--|
| NIOBRARA | NBRR | 407-3703 | 2260 | Township 5 North, Range 66 West Section 25: ALL Section 36: ALL |

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? Yes

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: 200 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: 311 Feet

If NO:

Enter the minimum distance from the Completed Zone of this Well to the Lease Line of the described lease: _____ 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: _____ 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

Township 4 North, Range 65 West
 Section 6: NW¼
 Township 4 North, Range 66 West
 Section 1: NE¼; E½E½E½NW¼
 Township 5 North, Range 66 West
 Section 25: All
 Section 36: All
 Township 5 North, Range 65 West
 Section 30: W½
 Section 31: W½

DRILLING PROGRAM

Proposed Total Measured Depth: 16978 Feet

TVD at Proposed Total Measured Depth 7045 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: 60 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? Yes

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 | 26 | 16 | A-53B | 36.95 | 0 | 80 | 175 | 80 | 0 |
| SURF | 13+1/2 | 9+5/8 | J-55 | 36 | 0 | 1500 | 523 | 1500 | 0 |
| 1ST | 8+1/2 | 5+1/2 | P-110 | 17 | 0 | 16978 | 1976 | 16978 | |

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 | Fox Hills Sandstone | 0 | 0 | 203 | 203 | 1001-10000 | Other | COGCC UPWQ Study |
| Confining Layer | Pierre Shale | 203 | 203 | 389 | 388 | | | |
| Groundwater | UPIR/Pawnee Aquifer | 389 | 388 | 1333 | 1329 | 1001-10000 | Other | COGCC UPWQ Study |
| Confining Layer | Pierre Shale | 1333 | 1329 | 3647 | 3628 | | | |
| Hydrocarbon | Parkman | 3647 | 3628 | 3982 | 3961 | | | |
| Confining Layer | Pierre Shale | 3982 | 3961 | 4113 | 4092 | | | |
| Hydrocarbon | Sussex | 4113 | 4092 | 4405 | 4382 | | | |
| Confining Layer | Pierre Shale | 4405 | 4382 | 4809 | 4784 | | | |
| Hydrocarbon | Shannon | 4809 | 4784 | 5218 | 5190 | | | |
| Confining Layer | Pierre Shale | 5218 | 5190 | 6867 | 6799 | | | |
| Subsurface Hazard | Sharon Springs Shale | 6867 | 6799 | 6907 | 6830 | | | least competent shales |
| Hydrocarbon | Niobrara | 6907 | 6830 | 16978 | 7045 | | | Nio Target |

OPERATOR COMMENTS AND SUBMITTAL

Comments

Operator shall isolate both the Fox Hills and UPIR/Pawnee Aquifers with surface casing from hydrocarbon bearing zones and exposure to oil-based drilling fluid.

The nearest well in the same formation is located on the same pad, the CAPITOL 07N operated by PDC Energy INC. Measured in 2D.

The distance to another wellbore belonging to an outside operator is the REHMER 36-14H6 (API: 05-123-18686) Operated by Noble Energy INC, status PA, 60'. No 408.u is required, well has been plugged and abandoned. The distance was calculated using the anti-collision summary.

There are no other wells within 150' besides the wells located on the same pad.

This Form 2 meets the Section 34-60-116(6) and (7), C.R.S. statutory pooling requirements and no unleased mineral interest owner or unleased local government has actively rejected and/or petitioned the pending Pooling Application assigned to Docket #241100290 specifically related to this Form 2. This pooling was approved by the Commission on 4/2/2025.

This application is in a Comprehensive Area Plan Yes CAP #: 210200012
Oil and Gas Development Plan Name Raton OGD ID#: 486284
Location ID: 487264

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

Signed: _____ Print Name: Kim Bauer

Title: Regulatory Analyst II Date: 6/23/2025 Email: DenverRegulatory@chevron.co

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

ECMC Approved: _____ Director of ECMC Date: _____

Expiration Date: _____

API NUMBER
05

CONDITIONS OF APPROVAL, IF ANY LIST

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> |
|-----------------|--------------------|
| 0 COA | |

Operator Best Management Practices

| <u>No</u> | <u>BMP/COA Type</u> | <u>Description</u> |
|-----------|--------------------------------|---|
| 1 | Drilling/Completion Operations | Operator will perform anti-collision evaluation of all active (producing, shut-in, or temporarily abandoned) offset wellbores that have the potential of being within 150' of the proposed well prior to drilling operations. |
| 2 | Drilling/Completion Operations | During and Post stimulation: Operator will comply with the COGCC Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area dated 5/29/12. |
| 3 | Drilling/Completion Operations | If a skid is performed for the subject well, then the only required BOPE tests are for the BOPE connection bonnet seal breaks, as long as a full BOPE test was performed at the beginning of the pad, and as long as all necessary BOPE tests are completed at least every 30 days during the pad operations. |
| 4 | Drilling/Completion Operations | One of the first wells drilled on the pad will be logged with Cased hole Pulsed Neutron Log with Gamma Ray Log from kick-off point into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run in that well and have those logs attached. The Form 5 for each well shall clearly state "Open-hole logging exception - No open-hole logs were run", and shall clearly identify the type of log and the well (by API#) in which open-hole logs were run. |

Total: 4 comment(s)

ATTACHMENT LIST

| <u>Att Doc Num</u> | <u>Name</u> |
|--------------------|-----------------------------|
| 403911104 | OPEN HOLE LOGGING EXCEPTION |
| 403912198 | SURFACE AGRMT/SURETY |
| 404251647 | OffsetWellEvaluations Data |
| 404251650 | DIRECTIONAL DATA |
| 404251652 | DEVIATED DRILLING PLAN |
| 404251653 | WELL LOCATION PLAT |

Total Attach: 6 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|---------------------|
| Permit | Returned to Draft: Per operator request | 06/17/2025 |

Total: 1 comment(s)