

FORM
2
Rev
05/22

State of Colorado Energy & Carbon Management Commission

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



Document Number:

403809755

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: 06N
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: 241 Feet FSL 2348 Feet FWL

Latitude: 40.349101 Longitude: -104.726667

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 1753 FWL

Measured Depth of TPZ: 7479 True Vertical Depth of TPZ: 7050 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)

Sec: 25 Twp: 5N Rng: 66W Footage at BPZ: 820 FNL 1670 FWL
Measured Depth of BPZ: 17052 True Vertical Depth of BPZ: 7050 FNL/FSL FEL/FWL

Bottom Hole Location (BHL)

Sec: 25 Twp: 5N Rng: 66W Footage at BHL: 820 FNL 1670 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? [X] Yes [] No

[X] 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: [X] Fee [] State [] Federal [] Indian

Mineral Owner beneath this Well's Oil and Gas Location: [X] 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):

- [X] Fee
- [X] 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.)

Township 5 North, Range 66 West, 6th P.M.
Section 36: NWNW and SENW
Weld County, Colorado

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: 1062 Feet
Building Unit: 1062 Feet
Public Road: 688 Feet
Above Ground Utility: 727 Feet
Railroad: 3492 Feet
Property Line: 241 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 4 North, Range 65 West, 6th P.M. Section 6: NW¼, Township 4 North, Range 66 West, 6th P.M. Section 1: NE¼; E½E½E½NW¼, Township 5 North, Range 66 West, 6th P.M. Section 25 & 36: All, Township 5 North, Range 65 West, 6th P.M. Section 30 & 31: W½ |

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: 312 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: 17052 Feet TVD at Proposed Total Measured Depth 7050 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: 152 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 | 17052 | 1988 | 17052 | |

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 | 388 | 388 | | | |
| Groundwater | UPIR/Pawnee Aquifer | 388 | 388 | 1336 | 1328 | 1001-10000 | Other | COGCC UPWQ Study |
| Confining Layer | Pierre Shale | 1336 | 1328 | 3662 | 3629 | | | |
| Hydrocarbon | Parkman | 3662 | 3629 | 3997 | 3960 | | | |
| Confining Layer | Pierre Shale | 3997 | 3960 | 4129 | 4091 | | | |
| Hydrocarbon | Sussex | 4129 | 4091 | 4422 | 4381 | | | |
| Confining Layer | Pierre Shale | 4422 | 4381 | 4829 | 4783 | | | |
| Hydrocarbon | Shannon | 4829 | 4783 | 5240 | 5190 | | | |
| Confining Layer | Pierre Shale | 5240 | 5190 | 6899 | 6803 | | | |
| Subsurface Hazard | Sharon Springs Shale | 6899 | 6803 | 6939 | 6833 | | | least competent shales |
| Hydrocarbon | Niobrara | 6939 | 6833 | 17052 | 7050 | | | 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 STATE-ELK 1 (API: 05-123-12916) Operated by Noble Energy INC, status PA, 152'. The distance was calculated using the anti-collision summary.

There are no 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.

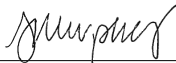
This application is in a Comprehensive Area Plan Yes CAP #: 210200012
 Oil and Gas Development Plan Name Raton OGD ID#: 486284
 Location ID: 487264

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

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application based on the information provided herein, this application for Permit-to-Drill complies with ECMC Rules, applicable orders, and for each and every place of approval required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

ECMC Approved: 

Director of ECMC

Date: 6/25/2025

Expiration Date: 12/08/2032

| |
|--------------------------------------|
| API NUMBER 05 123 53060 00 |
|--------------------------------------|

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.

| COA Type | Description |
|--------------------------------|---|
| Drilling/Completion Operations | Operator acknowledges the proximity of the listed wells. Operator agrees to: provide mitigation option 1 or 2 (per the Offset Well Evaluation and Hydraulic Fracturing Operator Guidance Document) to mitigate the situation, ensure all applicable documentation is submitted based on the selected mitigation option chosen, and submit a Form 42 ("OFFSET MITIGATION COMPLETED") stating that appropriate mitigation occurred and that it has been completed, prior to the hydraulic stimulation of this well. NOBLE ENERGY 123-15609 MANTEL J 23-16 PDC ENERGY 123-19203 SCHANK J 35-08 |
| Drilling/Completion Operations | Per Order 1-232, Bradenhead tests shall be performed according to the following schedule and Form 17 submitted within 10 days of each test: 1) Within 60 days of rig release, prior to stimulation. If any pressure greater than 200 psi is observed or if there is continuous flow, Operator must contact ECMC engineering for approval prior to stimulation. 2) If a delayed completion, a second test is required between 6-9 months after rig release and must be conducted prior to stimulation. If any pressure greater than 200 psi is observed or if there is continuous flow, Operator must contact ECMC engineering for approval prior to stimulation. 3) A post-production test within 60 days after first sales, as reported on the Form 10, Certificate of Clearance. |
| Drilling/Completion Operations | 1) Submit Form 42 electronically to ECMC 2 business days prior to MIRU (spud notice) for the first well activity with a rig on the pad and provide 2 business day spud notice via Form 42 for all subsequent wells drilled on the pad. 2) Comply with Rule 408.j. and provide cement coverage from TD to a minimum of 500' above Niobrara and from 500' below Sussex to 500' above Sussex. Verify coverage with a cement bond log. 3) Oil based drilling fluid can only be used after all groundwater has been isolated. |
| 3 COAs | |

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> |
|--------------------|-----------------------------|
| 403809755 | FORM 2 SUBMITTED |
| 403910931 | OPEN HOLE LOGGING EXCEPTION |
| 403912195 | SURFACE AGRMT/SURETY |
| 404251547 | OffsetWellEvaluations Data |
| 404251552 | DIRECTIONAL DATA |
| 404251554 | DEVIATED DRILLING PLAN |
| 404251567 | WELL LOCATION PLAT |
| 404256367 | OFFSET WELL EVALUATION |

Total Attach: 8 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------|
| Permit | Final Review Complete. | 06/25/2025 |
| Permit | Returned to Draft: Per operator request | 06/17/2025 |
| OGLA | The Commission approved OGDG #486284 on June 12, 2024 for the Oil and Gas Location related to this Form 2. OGLA task passed. | 06/04/2025 |
| Permit | Per operator concurrence corrected Lease Information lease description within the lands of Order 407-3703 Permitting review complete | 05/29/2025 |
| Permit | Open: Emailed the SLB to notify them of this pending application. Close: SLB has no concerns with this application. Pooling order 407-3713 approved 4/23/2025 Emailed operator for Lease Information under Surface & Minerals tab | 05/29/2025 |

Total: 5 comment(s)