

FORM  
2  
Rev  
05/22

# State of Colorado Energy & Carbon Management Commission

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Document Number:

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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: 03N  
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: 282 Feet FSL 2329 Feet FWL

Latitude: 40.349215 Longitude: -104.726729

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

Ground Elevation: 4665

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 791 FWL

Measured Depth of TPZ: 7580 True Vertical Depth of TPZ: 6990 FNL/FSL FEL/FWL

Base of Productive Zone (BPZ)

Sec: 25 Twp: 5N Rng: 66W Footage at BPZ: 254 FNL 732 FWL  
Measured Depth of BPZ: 17716 True Vertical Depth of BPZ: 6990 FNL/FSL FEL/FWL

Bottom Hole Location (BHL)

Sec: 25 Twp: 5N Rng: 66W Footage at BHL: 254 FNL 732 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: 1028 Feet  
 Building Unit: 1028 Feet  
 Public Road: 643 Feet  
 Above Ground Utility: 682 Feet  
 Railroad: 3535 Feet  
 Property Line: 282 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: 17716 Feet                      TVD at Proposed Total Measured Depth 6990 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: 114 Feet     No well belonging to another operator within 1,500 feet

Will a closed-loop drilling system be used? Yes

Is H<sub>2</sub>S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No If yes, attach an H<sub>2</sub>S 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	17716	2064	17716	

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	204	204	1001-10000	Other	COGCC UPWQ Study
Confining Layer	Pierre Shale	204	204	389	389			
Groundwater	UPIR/Pawnee Aquifer	389	389	1348	1329	1001-10000	Other	COGCC UPWQ Study
Confining Layer	Pierre Shale	1348	1329	3737	3630			
Hydrocarbon	Parkman	3737	3630	4080	3961			
Confining Layer	Pierre Shale	4080	3961	4215	4092			
Hydrocarbon	Sussex	4215	4092	4516	4381			
Confining Layer	Pierre Shale	4516	4381	4933	4784			
Hydrocarbon	Shannon	4933	4784	5356	5191			
Confining Layer	Pierre Shale	5356	5191	7087	6807			
Subsurface Hazard	Sharon Springs Shale	7087	6807	7135	6837			least competent shales
Hydrocarbon	Niobrara	7135	6837	17716	6990			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 02N operated by PDC Energy Inc. Measured in 2D.

The distance to another wellbore belonging to an outside operator is the STATE-HUME #90750 (API: 05-123-12899) Operated by Noble Energy INC, status PA, 114'. No 408.u is required, well has been plugged and abandoned. The distance was calculated using the anti-collision summary.

Wells within 150':  
 ANDERSON COOMBS 6 (05-123-12852) status PA, 106' operated by PDC Energy Inc, no 408.u is required, well has been plugged and abandoned.  
 ANDERSON COOMBS 4 (05-123-12850) status PA, 131' operated by Noble Energy INC, no 408.u is required, well has been plugged and abandoned.

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 OGDP 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 for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 6/25/2025  
 Expiration Date: 12/08/2032

<b>API NUMBER</b> 05 123 53067 00
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**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.**

<b>COA Type</b>	<b>Description</b>
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>
403809748	FORM 2 SUBMITTED
403909443	OPEN HOLE LOGGING EXCEPTION
403912189	SURFACE AGRMT/SURETY
404251328	OffsetWellEvaluations Data
404251356	WELL LOCATION PLAT
404251369	DEVIATED DRILLING PLAN
404251376	DIRECTIONAL DATA
404256388	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	05/27/2025

Total: 5 comment(s)