FORM 2
Rev 10/24

State of Colorado
Energy & Carbon Management Commission

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(SUBMITTED)
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APPLICATION FOR PERMIT TO

[X] **Drill** [ ] Deepen [ ] Re-enter [ ] Recomplete and Operate

Amend [ ] Refile [ ] Sidetrack [X]

TYPE OF WELL OIL [X] GAS [ ] COALBE [ ] GEOTHERMAL [ ] OTHER: UNPLANNED SIDETRACK

ZONE TYPE SINGLE ZONE [X] MULTIPLE ZONES [ ] COMMINGLE ZONES [ ]

Well Name: CAPITOL Well Number: 07N

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

[X] 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: 227 Feet FSL (FNL/FSL) 2355 Feet FWL (FEL/FWL)

Latitude: 40.349063 Longitude: -104.726646

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 [X] 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 (FNL/FSL) 2073 FWL (FEL/FWL)

Measured Depth of TPZ: 7392 True Vertical Depth of TPZ: 6985

Base of Productive Zone (BPZ)

Sec: 25 Twp: 5N Rng: 66W Footage at BPZ: 842 FNL 1982 FWL

FNL/FSL FEL/FWL

Measured Depth of BPZ: 16942 True Vertical Depth of BPZ: 6985

Bottom Hole Location (BHL)

Sec: 25 Twp: 5N Rng: 66W Footage at BHL: 842 FNL 1982 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 and §37-90.5-107(2)(b)(I) C.R.S, the following questions pertain to the Relevant Local Government approval of the siting of the proposed Oil and Gas or Deep Geothermal Locations.

The Energy and Carbon Management Act and the Geothermal Resources Act provide 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.

Does the Relevant Local Government regulate the siting of Oil and Gas and Deep Geothermal 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

GEOTHERMAL

Well Overview

The following questions determine informational requirements based on Well type:

Which type of Geothermal Well is this? Select one of the following:

Will this well be constructed using cementing methodologies other than those listed in Rule 408.f?

If Yes, what method will be used:

Please describe the cementing method to be used in detail:

Geothermal Resource Units

Fill out the information below to submit an application for a Geothermal Resource Unit (GRU) as part of the current permit application. This may also be completed later using a Form 4 Sundry.

Will this Well be in an existing GRU?

Are you submitting your application for a new GRU as part of the current application?

SURFACE AND MINERAL OWNERSHIP AT WELL'S OIL & GAS OR DEEP GEOTHERMAL LOCATION

Surface Owner of the land at this Well's Oil and Gas Or Deep Geothermal Location: [X] Fee [ ] State [ ] Federal [ ] Indian

Mineral Owner beneath this Well's Oil and Gas Or Deep Geothermal 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:	1074	Feet
Building Unit:	1074	Feet
Public Road:	703	Feet
Above Ground Utility:	742	Feet
Railroad:	3478	Feet
Property Line:	227	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: 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

DRILLING PROGRAM

Proposed Total Measured Depth: 16942 Feet TVD at Proposed Total Measured Depth 6985 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: 37 Feet ☐ No well belonging to another operator within 1,500 feet

Will a closed-loop drilling system be used? Yes

Is H_2S 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?

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	16942	1973	16942	

☐ 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			
Geothermal	UPIR/Pawnee Aquifer	388	388	1334	1328	1001-10000	Other	COGCC UPWQ Study
Confining Layer	Pierre Shale	1334	1328	3651	3628			
Hydrocarbon	Parkman	3651	3628	3986	3961			
Confining Layer	Pierre Shale	3986	3961	4118	4091			
Hydrocarbon	Sussex	4118	4091	4410	4381			
Confining Layer	Pierre Shale	4410	4381	4815	4783			
Hydrocarbon	Shannon	4815	4783	5224	5190			
Confining Layer	Pierre Shale	5224	5190	6904	6801			
Subsurface Hazard	Sharon Springs Shale	6904	6801	6951	6831			least competent shales
Hydrocarbon	Niobrara	6951	6831	16942	6985			Nio Target

OPERATOR COMMENTS AND SUBMITTAL

Comments

While drilling ahead at 9,484’ MD a loss of approximately 1,000 psi was observed. The decision was made to TOH fearing that a twist may have occurred. Once the BHA was at surface the twist was confirmed to have occurred in the Storm vibration reduction tool. The exact reason for the twist off is unknown as drilling parameters at the time of the twist off were within operational limitations. An attempt to fish the BHA was made resulting in losing part of the fishing BHA. Bakers 7” rotary steerable assembly from 9,484’ MD to 9,420.38’ MD and part of a Weatherford fishing assembly from 9,420.38’ MD to 9,403.62’ MD. The sidetrack well will be drilled in the same Niobrara formation. This will be an open hole sidetrack in the lateral. No cement plugs will be used
to abandon the current wellbore. TPZ for sidetrack will be the same as the originally permitted wellbore. KOP is planned at approximately 8,985' MD. The WBD reflects the planned KOP; actual KOP will be submitted on the form 5.

PDC Energy Inc was granted approval to sidetrack on 7/31/2025 by Diana McCoy.

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 08N operated by PDC Energy INC. Measured in 2D.

The distance to another wellbore belonging to an outside operator is the ISHIGURO 2 (05-123-12900) Operated by Noble Energy INC, status PA, 37'. 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 1 (05-123-11649) status PA, 38', operated by Noble Energy INC, no 408.u is required, well has been plugged and abandoned.
GREEN 1 (05-123-11874) status PA, 57' operated by PDC Energy INC, no 408.u is required, well has been plugged and abandoned.
ANDERSON-COOMBS 2 (05-123-12848) status PA, 66' operated by Noble Energy INC, no 408.u is required, well has been plugged and abandoned.
BROWN 1 (05-123-12689) status PA, 68' operated by Noble Energy INC, no 408.u is required, well has been plugged and abandoned.

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: 8/4/2025 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
05 123 53063 01

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
1 COA	

Operator Best Management Practices

No	BMP/COA Type	Description
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

Att Doc Num	Name
404301595	OffsetWellEvaluations Data
404301675	WELL LOCATION PLAT
404301680	CORRESPONDENCE
404303989	DIRECTIONAL DATA
404303998	DEVIATED DRILLING PLAN
404303999	WELLBORE DIAGRAM

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)