

July 11, 2024

Greetings,

We are writing to notify you that Oxy USA Inc.is working through the permitting process to obtain approval to develop a geothermal pilot project in your community. The application is not an Oil and Gas Development Plan (OGDP), but rather a stratigraphic well being permitted under Energy & Carbon Management Commission (ECMC) 's authority that includes one proposed location-called Geothermal Limitless Approach to Drilling Efficiencies (GLADE). In the following pages, you will find more information about the details of the proposed location.

Enclosed is information about us, the permitting process, general and site-specific project details, proposed location maps, and estimated development schedules. Additionally, you will find resources with more information about the permitting process, including how to provide public comment on the permit, which can also be found on the ECMC website at ecmc.state.co.us. The ECMC was known as the Colorado Oil and Gas Conservation Commission (COGCC) prior to July 2023.

If you would like to discuss the details of this application or request a meeting to discuss the proposed geothermal project, please contact us at any time.

We are committed to conducting our business in a manner that safeguards our neighbors and employees, protects the environment, benefits neighboring communities, and strengthens local economies.

You can find updates on this project and other useful information about any project on our website, <u>OxyColoradoStakeholder.com</u>. We welcome all questions, appreciate feedback, and look forward to hearing from you.

Oxy Stakeholder Relations

1099 18th Street, Suite 700 Denver, CO 80202 866.248.9577
ColoradoStakeholder@oxy.com
www.OxyColoradoStakeholder.com

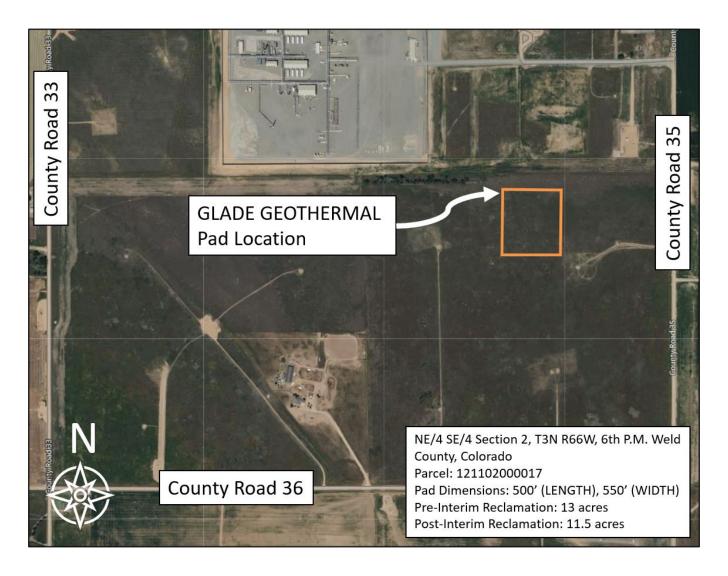


GLADE GEOTHERMAL Location

Permitting Process

This proposed project is required to undergo a comprehensive permitting process at both the state and local level. We submitted an application to develop 2 wells on the GLADE location and ECMC has determined that the application contains all the required information and is therefore complete.

Proposed Location



We will develop these wells as efficiently as possible and will work with you throughout the process to provide up to date information. For project updates, please see OxyColoradoStakeholder.com/project-updates.



Our Commitment To You

We strive to make our activities compatible with the surrounding community and use various mitigation techniques to reduce the temporary impacts associated with development. Our team designs each location after careful consideration of the area's specific attributes. Although some of our operations are conducted 24/7, we aim to minimize non-essential work during the night. We deploy the following strategies to mitigate possible impacts including:

Our Best Practices and Mitigation Measures

Noise Light



We use upgraded drilling rigs with noise-reducing features and technology. These features reduce the noise from our operations. In addition to mitigating noise at the source, we may also install sound walls, as needed, when we operate near communities.



We use light-emitting diode (LED) lights strategically oriented away from homes, making our operations less visible to our neighbors.

Odor



To counteract any potential odor during our drilling operations, we could use low-aromatic, synthetic drilling fluid or proactively add an odor neutralizer to the drilling fluid system.

Dust



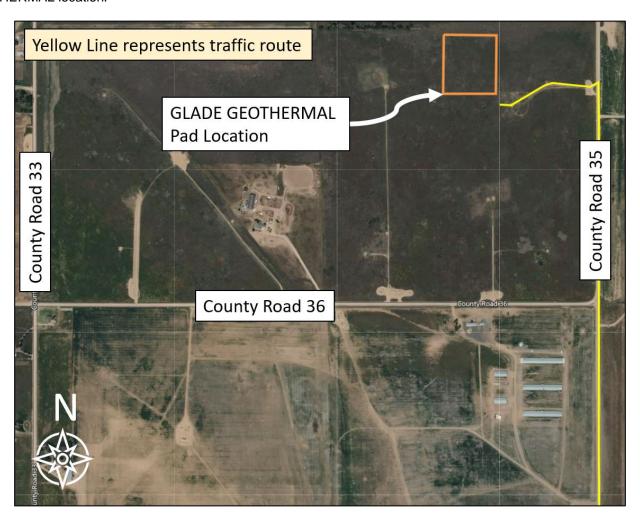
We work to mitigate dust by applying dust suppression to the roads as needed. Various techniques include installing tracking pads and sediment traps, hydro mulching and/or hydroseeding topsoil piles, seeding disturbed soils, and placing and compacting a gravel layer on the working pad surfaces and access roads.

Our Commitment To You Our Best Practices and Mitigation Measures



Traffic Management Plan

One part of the comprehensive permitting process is developing a traffic management plan. This includes specific routes for all traffic coming to and leaving the proposed project location. To access the location, drivers will utilize the roads as shown below. Speed limits will be reduced to 20 mph on the access road and five mph once vehicles reach the GLADE GEOTHERMAL location.



Estimated Project Timeline

We will develop these wells as efficiently as possible and will work with you throughout the process to provide up-to-date information. For project updates, please see OxyColoradoStakeholder.com/project-updates

Phase	Work Activity	Estimated Start	Estimated End	Estimated Traffic Total / Per Day			
1	Pad Construction	Apr-2025	Jun-2025	1558 / 35			
2	Drilling	Jul-2025	Nov-2025	6657 / 55			
3	Evaluation	Dec-2025	Dec-2026	2192 / 6			
4	Interim Reclamation*	Feb-2026	Nov-2026 2630 / 44				
The interim reclamation traffic per day count represents an estimated 60-day noncontinuous period.*							

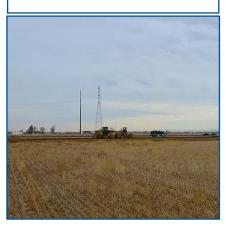


Phases of Geothermal Energy Development

Pictures used here are for educational examples, not necessarily exact representations of equipment. For more information, please visit www.OxyColoradoStakeholder.com

Pad Construction (30-45 days per pad)





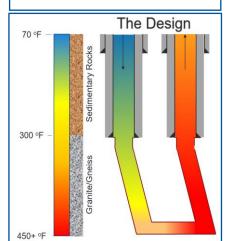
Standard construction equipment prepares the well site. A wall may be installed to reduce or minimize noise and light during development.

Surface Casing Set (1-2 days per well)

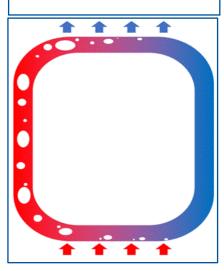


A drilling rig begins the underground construction process by installing steel pipe and cement (surface casing) to protect groundwater. Surface casing is set at least 50' below the aquifer, typically about 1,000' below the surface.

Deep Geothermal Well Drilling (60 days per well)



A production rig arrives and drills to a depth of 20,000 feet where temperatures are expected to exceed 450 degrees Fahrenheit. Two wells will be drilled and connected at the base to create a loop. Well Evaluation



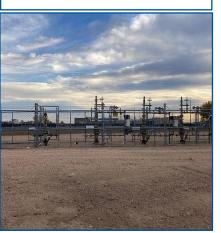
Once flow is established, the hot water will make it to the surface, and we will begin collecting data on the wells and evaluating the thermal energy being produced.

Production Facility Construction (30-45 days per facility)

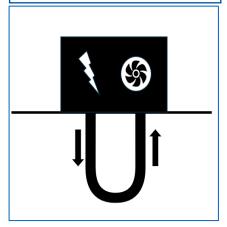


Based on the flow tests, we hope to design a small test powerplant to generate electricity. Reclaim Well Site (60 days per pad)





Once development phases are complete, the pad is reclaimed to the largest extent possible to match the existing landscape.





Our Commitment To You

Our Best Practices and Mitigation Measures

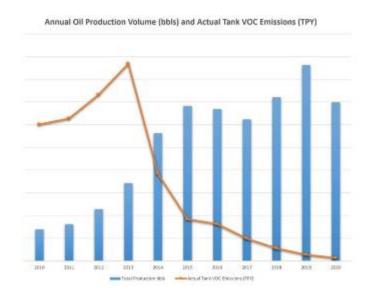
Air Quality

To ensure the wellbeing of you and your family and those living and working near our operations, we take action to reduce emissions and monitor air quality.

Reducing Emissions

To reduce greenhouse gas emissions and utilize the valuable energy resources we produce, we select equipment and design our locations and procedures to minimize emissions. As you can see in the graph, we have been successful in our efforts.

- 1.Oxy is the first U.S. oil and gas company to endorse <u>The World Bank's Zero Routine Flaring by 2030 initiative</u>. In Colorado, we have already achieved zero routine flaring.
- 2.During drilling, over 90% of the power comes from natural gas engines. In addition, the hydraulic fracturing pumping equipment is 100% powered by Tier IV diesel engines. Tier IV engines meet the latest and most stringent requirements for off-road diesel engines as designated by the U.S. Environmental Protection Agency (EPA).
- 3.Our innovative tankless production facility reduces air emissions in several ways. Tankless means we eliminated oil storage tanks, which significantly lowers facility emissions. Transporting oil off-site through a pipeline further reduces emissions associated with truck traffic. The design also uses compressed air to operate pneumatic controllers, which regulate pressure, flow, temperature, and liquid levels, on over 90% of our production. Using compressed air eliminates emissions that typically come from natural gas-driven pneumatic controllers.



Monitoring Emissions

During drilling and completions, independent third-party environmental air quality experts perform continuous air quality monitoring. The Colorado Department of Public Health and Environment (CDPHE) and the Energy & Carbon Management Commission (ECMC) approve our air monitoring program and receive monthly reports. You can find the monthly monitoring reports created by the third-party consultant on our webpage under Project Updates.

Independent third-party air quality experts use traditional and innovative technologies to add context to and validate the data collected. Air monitoring stations include a weather station, a hydrocarbon analyzer, and carbon sorbent tubes. In addition, strategically placed air canisters may supplement data from the air monitoring stations. Air samples are collected and analyzed according to EPA standards. The results are compared to health guideline values set by the CDPHE.

Air monitoring data is collected continuously and is monitored 24/7 by our Integrated Operations Center (IOC). Our monitoring program establishes response and investigation levels designed to protect the health, safety, and welfare of communities, our employees, and the environment. Additionally, our 24/7 IOC ensures responses are both timely and effective.

To monitor emissions near our production facilities, we have an inhouse emissions team that conducts leak detection and repair inspections. During the production phase, every facility is inspected periodically by trained individuals using a handheld infrared camera. We also use infrared camera-equipped drones and conduct frequent audio/visual/olfactory inspections to detect and control emissions.



Groundwater Protection

We conduct baseline water-quality sampling and construct double-walled produced water sumps and secondary containment for operations. Sensors between the walls of the water sumps and additional automation allow us to remotely monitor fluid levels and remotely shut in the wells if we detect an issue.



Contacts



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<u>Coloradostakeholder@oxy.com</u> www.OxyColoradoStakeholder.com



Oxy Integrated Operations Center (IOC)

970.515.1500
Real-time monitoring of wells, water tanks, and production facilities
24 hours a day, 365 days a year



Weld County Oil and Gas Energy Department

970.400.3580 | oged@Weld.gov www.weldgov.com/Government/Departments /Oil-and-Gas-Energy

For information about the permit, ask about GLADE Geothermal



Energy & Carbon Management Commission

Department of Natural Resources

Energy & Carbon Management Commission (ECMC)

303.894.2100

ecmc.state.co.us



COGCC INFORMATION SHEET: PROCEDURAL STEPS FOR THE COMMISSION'S REVIEW OF OGDPs

(As required by COGCC Rule 303.e.(2).C)

Why am I receiving this information sheet?

Oil and gas operating companies ("Operators") are required to obtain approval of an Oil and Gas Development Plan ("OGDP") from the Colorado Oil and Gas Conservation Commission ("COGCC") prior to undertaking any new operations such as drilling oil and gas wells or building oil and gas locations. When an Operator submits an OGDP application to the COGCC for consideration, and the application has been received and is deemed complete, COGCC staff begins a formal technical review of the application materials, and a public comment period starts.

COGCC has prepared this information sheet to inform the public of the procedural steps involved with the Director's and Commission's review of an OGDP, so that the public is informed and may participate in the review process if they choose. As part of the process, Operators must provide this information sheet to certain recipients, like yourself, that include mineral owners within the area of proposed development and all landowners, homeowners, commercial property owners, tenants, and other entities within 2,000 feet of an oil and gas location proposed by a pending OGDP application.

What is an Oil and Gas Development Plan (OGDP)?

An OGDP is an Operator's plan to develop oil or gas resources ("minerals") from one or more surface locations. Operators prepare an OGDP and associated application materials, consistent with the requirements of COGCC Rule 303, and submit the plan for approval through the Commission's Hearings process. The application materials include a hearing application; one or more Form 2A, Oil and Gas Location Assessments; a Form 2B,

Cumulative Impacts Data Identification; and a Form 2C, OGDP Certification. The application may also include a request for the establishment of one or more Drilling and Spacing Units ("DSUs"). The OGDP, along with its associated supporting documents, will be heard at a public hearing where the Commission will make a final determination to approve or deny the OGDP application.

What are the procedural steps involved with the Director's and Commission's review of Oil and Gas Development Plans?

- 1. OGDP application is submitted: Operator/ Applicant submits a complete OGDP application with all supporting documents. The written portion of the application is submitted to the COGCC hearings unit via the eFilings system, and Forms 2A, 2B, and 2C are submitted to technical staff via the eForms system. (See Rules 303 & 304)
- 2. OGDP application is received: The COGCC hearings unit reviews the written hearing application, assigns a docket number for the OGDP, and provides public notice for the hearing. (See Rules 303 & 504)
- Completeness determination: The COGCC technical staff and Director review the application materials for completeness. When deemed complete:
 - a. the OGDP application materials are posted on COGCC's website;
 - b. the Operator provides notice (including this information sheet) to relevant persons;
 - c. the public comment period begins;
 - d. the formal consultation period commences as applicable (including relevant/ proximate local governments and other agencies such as Colorado Parks and Wildlife ("CPW") or Colorado Department

- of Public Health and Environment ("CDPHE")); and
- e. COGCC staff begin their technical review of the OGDP components. (See Rule 303).
- 4. Director's review of application (technical review): COGCC technical staff conducts the technical review of all application materials to ensure compliance with COGCC Rules, ensure the protection of public health, safety, welfare, the environment, and wildlife resources, and to evaluate potential Cumulative Impacts. The technical review includes analysis and assessment of:
 - a. DSUs and protection of mineral owner's correlative rights;
 - b. proposed surface locations and alternative locations;
 - c. downhole and engineering considerations;
 - d. best management practices;
 - e. public comments and recommendations provided by consulting agencies;
 - f. financial assurance; and
 - g. the need for conditions of approval. (See Rule 306)
- 5. Director's recommendation: Once the Director has reviewed the application materials, the Director provides a written recommendation to the Commission in support of the approval or denial of the OGDP application. The Director will post the recommendation on COGCC's website, notify relevant parties1, and submit it to the COGCC hearings unit in preparation for hearing. (See Rule 306.c)
- Commission's consideration and final action (public hearing): The Commission receives the

Director's recommendation of the OGDP and begins review of the OGDP with support from the COGCC hearings unit. The review includes all supporting documents, written testimony, public comments, consulting agency recommendations, and Director's recommendation. The Commission considers the OGDP at a public hearing, which may include oral testimony provided during the hearing. The Commission makes a final determination and presents its findings in a written order based on the evidence in the record; the Commission's order to approve or deny the OGDP application is final. (See Rule 307)

Where can I get additional information?

For more information about the COGCC administrative hearing process and OGDPs, please COGCC refer to the website at http://cogcc.state.co.us. You may also contact COGCC dnr.ogcc@state.co.us at 303-894-2100. Please note, COGCC staff are not available to provide legal advice. recommends that you engage an attorney with knowledge of oil and gas matters to assist you with reviewing any offers you receive from an oil and gas operator or other person.

Version 1.0 March 9, 2021

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¹ Parties who receive this information sheet will not necessarily be included in the notice of the Director's recommendation. Parties who make a public comment on the Form 2A and include their email address will receive the notice of the Director's recommendation.



COGCC INFORMATION SHEET: PUBLIC COMMENTS

(As required by COGCC Rule 303.e.(2)D)

Purpose

This information sheet provides details on how to make public comments on an Oil and Gas Development Plan submitted to the Colorado Oil and Gas Conservation Commission via the Form 2A, Oil and Gas Location Assessment permit application.

Why am I receiving this Information Sheet?

You have received this Colorado Oil and Gas Conservation Commission ("COGCC") information sheet because an oil and gas operator ("the Operator") has submitted an application for an Oil and Gas Development Plan ("OGDP"), and that application is under review by the COGCC. Per COGCC Rule 303.e.(1), the Operator is required to provide this information to you within seven days of the application materials being posted on the COGCC website.

COGCC Rule 303.d requires the COGCC to open a formal "public comment period" upon posting the OGDP application to our website. This public comment period allows the public to review OGDP applications and their components (i.e., proposed Oil and Gas Locations), and provide comments on those pending permit applications.

How can I provide comments on pending permits in an OGDP?

Members of the public can access OGDP applications through the COGCC website to review permit information and provide comments. Public comments may be made directly on Form 2A, Oil and Gas Location Assessment permit applications ("Form 2A") through the COGCC website.

- 1. Go to the COGCC website https://cogcc.state.co.us
- On the green menu bar, click on the "Permits" page. This will take you to the "Drilling and Location Permits Search" tool for Pending Permits.



 Under "Pending Permits", find "Oil and Gas Location Assessment Permits (Form 2A)". Select the county of interest from the dropdown menu and click "Go!"

Pending Permits (Filed ON or AFTER January 15th, 2021)

Oil & Gas Location Assessment Permits (Form 2A): Arapahoe
Gol

4. This will generate a table of pending applications and will indicate the status of the public comment

- period for each permit within the COGCC review process.
- 5. Scroll through the list of pending permits to find the one you would like to review. You may wish to use "crtl + f" to search for a specific document number, operator name, or location name.
- 6. To view the submitted Form 2A and its associated attached documents, click the "Location Name" link for any permit application.

Pending Location Permits - All Counties Back Export to Excel									
Doc Number (Public Comment Link)	Final day of Public Comment Period (Closes at Midnight)	Received	Location Name (Documents Link)	Status	Status Date				
402165141	03/11/2021	01/26/2021	Brian Test 4	IN PROCESS	01/26/2021				

7. To make a public comment on a specific permit application, click the "Doc Number" of the permit on which you wish to comment.



clicking the Doc Number link, you will be taken to the Public Comment portal.

8. In the Public Comment portal, you may review the Form 2A application including the PDF and all attachments.

 Selected Well / Location:

 Document Number
 Form Type

 402165141
 02A
 COL

Attachments

PDF

Make Comment

 To make a public comment, click the "Make Comment" button. A Form will open for you to provide your name, contact information, and your comment. Only the text in the Comment box will be made public; your contact information will be kept confidential by COGCC.



10. Click the "Submit Comment" button when you are ready to submit your comment.

11. You may also view other public comments and read yours after it is posted by scrolling down on this page (see below about a delay in displaying comments).

How long do I have to submit a comment on a permit?

The Public Comment Period begins once the COGCC Director determines the OGDP application is complete and has been successfully submitted by the operator. The Director will approve the Form 2C, OGDP Certification form, and post the OGDP application on the website for public review.

In order to be considered by the Director and Commission during the review of the OGDP, public comments must be received as follows:

- Within 30 days from the date that the Director posts thethe OGDP on the website, OR
- Within 45 days if the OGDP includes any proposed Oil and Gas Locations within 2,000 feet of a Residential Building Unit, High Occupancy Building Unit, or School Facility within a Disproportionately Impacted Community.

The final day for public comments can be found in the list of all pending permits:



When the Public Comment Period closes, the date will revert to read "Comments Closed". The link to the public comment portal will remain active, but comments will no longer be accepted. You will still be able to view any public comments submitted for pending permits.

The Director may extend or reopen the public comment period per Rule 303.g, for up to an additional 30 days for a proposed OGDP if the Director determines an extension or reopening is reasonable in order to obtain public input.

What happens to my comment?

Your comment will become part of the public record of the application and will be reviewed by the applicant, COGCC staff, Director, and the Commission. COGCC staff may recommend permit conditions in response to comments. But, Staff does not routinely respond individually to comments; instead, COGCC staff will work directly with the applicant to address the site-specific concerns expressed.

Submitted comments may not be immediately visible; it may be a few days before you see your comments posted. This delay allows COGCC supervisory staff to screen for offensive language prior to publication.

What if I want to make my comment to the Commission?

COGCC Staff and the Director review every comment received on a Form 2A permit application. They review the site specific concerns against the totality of the application materials, including the alternative location analysis, cumulative impacts evaluation, and best management practices proposed by the applicant. When the Director makes a recommendation to the Commission to either approve or deny an OGDP, that recommendation will include the consideration of the public comments received.

In their review of an OGDP for a final determination at the administrative hearing, the Commission will have access to the entire record, including your public comment.

Can I remain anonymous?

Yes. Only the "Comment" portion of your submitted comment will be made publicly viewable. Your name and contact information will be kept confidential, and will only be used by COGCC staff to contact you if necessary in the course of permit application review. If you choose to include your name and contact information in the body of your comment text, it will be part of the public record.

Links

The following links provide guidance and additional information on providing Public Comments.

COGCC Permits Page:

https://cogcc.state.co.us/permits.html#/permits

Numerous helpful guidance documents can be found at the link on the COGCC Permits Page:

https://cogcc.state.co.us/permits2.html#/permitshelp

Daily Activity Dashboard (DAD) is another useful tool and can be used to access the public comment portal as well: https://cogcc.state.co.us/dashboard.html

Version 1.0 March 9, 2021



COGCC INFORMATION SHEET: OGDP STATUS INFORMATION

(As required by COGCC Rule 303.e.(2).G)

Why am I receiving this information sheet?

The Colorado Oil and Gas Conservation Commission ("COGCC") prepared this information sheet to inform the public in the vicinity of a proposed Oil and Gas Development Plan ("OGDP") how to access documents and view the status of proposed OGDPs through the COGCC's website, eForms, and eFiling system. A review of public property records indicates that you may have an interest in lands that an oil and gas operator wishes to develop as part of an OGDP. Pursuant to Commission Rule 303.e.(2).G, operators are required to provide this information sheet to certain recipients near their development plans.

What is an Oil and Gas Development Plan?

An OGDP is an operator's plan to develop subsurface oil and gas resources ("minerals") from one or more surface locations. An OGDP consists of a hearing application and associated permit materials that provide technical information. The Director (i.e. COGCC Staff) reviews the technical information and makes a recommendation to the Commission for the hearings application; the Commission has the ultimate authority on approval or denial of the OGDP.

How do I view the status of the pending OGDP hearing application?

Members of the public may view the status of proposed OGDP applications through the COGCC eFiling System by creating an account in the Applications and Docket Portal, available on the "Hearings Page."

- From the COGCC homepage, click "Regulation" in the green menu bar, and then "Hearings" on the blue bar.
- On the right-hand side of the Hearings page, under the Hearings eFiling System header, click on "Application and Docket Portal".

Hearings eFiling System
(Beginning November 9, 2020)

- · Document Search
- Application & Docket Portal
- 3. Create a user account by clicking "Request Access to Account," and completing the

required registration information. There may be a delay for processing following your request before you are granted access. Check your email for access approval.

- Once registration is complete, access the Application and Docket Portal by entering your user name and password.
- Search for the 9-digit docket number provided by the operator in their cover letter using the "Find Hearing Application by Docket Number" option at the bottom left of the page.



- The general status of the docket is listed in the first column on the left, titled "Docket Status."
- Double click the docket search result to load the docket's main page, which will show additional information, including the application type, status, assigned Hearing Officer, and applicant information.

Do I have to create an account to view documents?

No. You may view documents through the "Document Search" described below without creating an eFiling System account, but you will not be able to view the "status" of the docket through this method.

 On the right-hand side of the Hearings page, under the Hearings eFiling System header, click on the "Document Search" link.



From the "Search Type" dropdown menu, select "DNRCOG Search for Docket Related Documents."

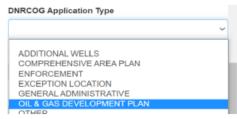
Search Type	
DNRCOG New Applications	
DNRCOG New Applications	
DNRCOG New Docouments	
DNRCOG Search for Docket Related Documents	

Input the docket number provided by the operator.

DNRCOG Docket Number

210012345

 If you don't have a docket number, or to view any OGDP, scroll down to the "DNRCOG Application Type" dropdown menu and select "OIL & GAS DEVELOPMENT PLAN."



- After step 3 or 4, scroll down and click the "Search" button at the bottom of the scroll bar.
- A list of all related documents will appear. Click on any item to view its contents.

How do I view general forms, permits, and data regarding permits and OGDPs?

You may use the Daily Activity Dashboard to access frequently requested oil and gas data at the county and state levels. The Daily Activity Dashboard is located in the right-hand corner of the COGCC homepage, and allows you to search and generate custom-made statistical charts, graphs, tables, and maps for information including pending permits, well status, production, well inspections, Notices of Alleged Violation, active notifications, and spills. The COGCC also provides access to pending and approved permits through its "Permits Search" and interactive map on the COGCC website.

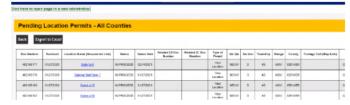
To view the status of pending Form 2As (Oil and Gas Location Assessment Permits) through the "Permit Search" function, follow the steps outlined below:

- Click "Permits" in the green menu bar on the COGCC homepage. This will take you to the "Drilling and Location Permits Search" page.
- Under Pending Permits, find "Oil & Gas Location Assessment Permits (Form 2A)".
 Select "All Counties" or a specific county using the drop down menu and click "Go!".

Pending Permits (Filed ON or AFTER January 15th, 2021)

Oil & Gas Location Assessment Permits (Form 2A): All Counties

A table will show all pending Form 2As currently under review by the COGCC.



- Clicking a "Doc Number" link will take you to the Public Comments portal for that pending permit.
- b. Clicking a "Location Name" link will take you to a list of documents related to that permit, including the Form 2A (as submitted by the operator) and supporting documents that are attached to the pending permit application.

Can I view pending applications on the COGCC Map?

Yes. You may access the COGCC GIS Online Interactive Map by clicking "Maps" in the green banner on the COGCC homepage, then click "Click HERE to access interactive map". You may use the "address search" option to zoom to your address to see oil and gas activity near you. With the map zoomed to your area of interest, you may specify pending permits by checking the appropriate boxes on the left-hand menu.



To select and view a pending application, use the arrow tool to double-click on the pending icons to display the Application.

Links

COGCC Homepage:

https://cogcc.state.co.us/#/home

Hearings Page:

https://cogcc.state.co.us/reg.html#/hearings

eFiling system help:

http://cogcc/documents/reg/Hearings/External E filing System Users Guidebook 20201109.pdf

COGCC GIS Online Interactive Map help:

http://cogcc/documents/about/Help/Search%20pending%20permits%20on%20the%20COGCC%20map.pdf

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