Citizens of Erie Oil and Gas Workshop

March 21, 2019
COGCC MISSION

The mission of the Colorado Oil and Gas Conservation Commission (COGCC) is to foster the responsible development of Colorado's oil and gas natural resources.

- Responsible development results in:
  - The efficient exploration and production of oil and gas resources in a manner consistent with the protection of public health, safety and welfare
  - The prevention of waste
  - The protection of mineral owners' correlative rights
  - The prevention and mitigation of adverse environmental impacts

- The COGCC seeks to serve, solicit participation from, and maintain working relationships with all those having an interest in Colorado's oil and gas natural resources.
1903 - Spindletop Field (Near Beaumont, TX)

Photo taken prior to state regulation of oil and gas, when the “Rule of Capture” in effect, and before concepts of spacing and pooling were adopted by states.

“The rule of capture plays havoc with attempting to produce from a reservoir at an optimal rate”
Morgan Downey, from his book titled “Oil 101” (2009)
Talk Topics

- Oil and Gas 101 / Property Rights
- COGCC Overview
- Local Governmental Designee Program
- LGD and Public Participation Opportunities
- Using the COGCC Website
- Q&A
Oil and Gas 101...
“Minerals”, defined...

**Mineral** – A naturally occurring solid crystalline substance with homogenous physical properties.

**Rock** - An aggregate of one or more minerals, constituting masses that are geologically interdependent and can be represented on a map (or a cross section).

But in COGCC and industry terminology, “**minerals**” are equivalent to “oil and gas deposits” and are liquids (oil, condensate, water) natural gas, or both.

**Mineral Rights = Correlative Rights**
Oil and Natural Gas

- Non-renewable *natural resources* composed of hydrocarbon molecules typically recovered by drilling wells into *sedimentary rocks*.

- Created over time by deposition and burial of organic rich sediments, conversion to kerogen, then to oil and gas, if conditions are favorable.

- Once recovered, must typically be transported, treated, and refined or manufactured to provide useable products.

- Used in a huge variety of products - fuel for energy and electricity production, transportation (gasoline, diesel, and jet fuel), and hundreds of products.

- Remain a critical component of energy mix.
Rock Types and Potential for Oil and Gas

**Sedimentary** - Deposited in layers, usually in body of water. Folding or faulting, or depositional environment may create subsurface “structures” or “traps” amenable to oil and gas accumulation. Common rock types: sandstone, shale, limestone, & conglomerate. May contain oil & gas deposits, coal, gypsum, or other economically viable deposits. May contain fossils. Referred to as “soft rocks”.

**Igneous** - Form as molten rocks cool (slowly, or quickly) underground or at surface. Common types include granite, basalt, & rhyolite. No potential for oil and gas. May contain other minerals or economic deposits (gold, silver, molybdenum, copper). Referred to as “hard rocks.”

**Metamorphic** - Rocks of any type transformed by heat and pressure (tectonic forces) creating new mineral assemblages. Schist, slate, marble are common types. No potential or oil and gas. May contain other minerals or economic deposits. Referred to as “hard rocks.”

Potential for oil and gas deposits is limited to sedimentary rocks.
Shale Plays in the U.S. (2011 map)

Top 10 States proved Oil Reserves (EIA, 2011)

1. Texas
2. North Dakota
3. Alaska
4. California
5. New Mexico
6. Oklahoma
7. Wyoming
8. Colorado
9. Utah
10. Louisiana
Sedimentary Basins in Colorado

Six Colorado counties account for ~ 87% of the 53,293 “active” wells. (as of March 1, 2019)

- Weld (21,716)
- Garfield (11,741)
- Yuma (3,833)
- La Plata (3,295)
- Las Animas (2,903)
- Rio Blanco (2,877)
- 37 other counties have 6,928 wells
Permitted Wells, Pending Location Permits, & Oil and Gas Basins (March 19, 2019)
This is a “conventional” oil well (vertical well) drilled into a geologic structure (anticline) that has trapped oil and gas. Source rock, reservoir rock, and trap are all needed, but occur separately.
Conventional vs. Unconventional Resources

“Conventional” involves vertical or directional wells; source, trap and reservoir are separate.

“Unconventional” involves horizontal drilling and hydraulic fracturing.

For “Unconventional” resources, “reservoir” is co-located within “source rock,” usually a shale.

Unconventional Well - horizontally drilled, hydraulically fractured.
Geometry of a Horizontal Well

Multiple layers of steel casing and cement are placed in upper portion of well (as detailed in APD), across and below zones of useable groundwater.
Today’s trend - Multiple Horizontal Wells from a Single Pad

Over 80% of APDs issued in 2018 by COGCC were for horizontally-drilled wells.
Vertical, Directional, and Horizontal Wells

*Portion of T1NR68W and T1NR69W showing vertical, directional, and horizontal wells in map view.*
Colorado Oil Production, Permits (APDs), & Well Starts Data (2003-2018)

<table>
<thead>
<tr>
<th>Year</th>
<th>Oil Production (bbls)</th>
<th>% Change From Prior Year</th>
<th>Well Permits Issued</th>
<th>% Horizontal Well Permits</th>
<th>Horizontal Well starts</th>
<th>Total Well Starts</th>
<th>% Wells Drilled Horizontally</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>21,596,362</td>
<td>5%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>2004</td>
<td>22,571,057</td>
<td>5%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>2,092</td>
<td>NA</td>
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<tr>
<td>2005</td>
<td>23,225,677</td>
<td>3%</td>
<td>4,364</td>
<td>NA</td>
<td>NA</td>
<td>3,004</td>
<td>NA</td>
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<tr>
<td>2006</td>
<td>24,560,380</td>
<td>6%</td>
<td>5,904</td>
<td>NA</td>
<td>NA</td>
<td>3,542</td>
<td>NA</td>
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<tr>
<td>2007</td>
<td>26,055,849</td>
<td>6%</td>
<td>6,368</td>
<td>NA</td>
<td>NA</td>
<td>4,048</td>
<td>NA</td>
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<tr>
<td>2008</td>
<td>29,556,032</td>
<td>13%</td>
<td>8,027</td>
<td>NA</td>
<td>NA</td>
<td>4,465</td>
<td>NA</td>
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<tr>
<td>2009</td>
<td>30,223,251</td>
<td>2%</td>
<td>5,159</td>
<td>3%</td>
<td>123</td>
<td>2,072</td>
<td>1%</td>
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<tr>
<td>2010</td>
<td>32,748,379</td>
<td>8%</td>
<td>5,996</td>
<td>6%</td>
<td>31</td>
<td>2,778</td>
<td>4%</td>
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<tr>
<td>2011</td>
<td>39,200,611</td>
<td>20%</td>
<td>4,659</td>
<td>19%</td>
<td>280</td>
<td>3,219</td>
<td>9%</td>
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<tr>
<td>2012</td>
<td>49,126,759</td>
<td>25%</td>
<td>3,773</td>
<td>32%</td>
<td>641</td>
<td>2,296</td>
<td>28%</td>
</tr>
<tr>
<td>2013</td>
<td>64,882,078</td>
<td>32%</td>
<td>4,025</td>
<td>56%</td>
<td>1,160</td>
<td>1,977</td>
<td>59%</td>
</tr>
<tr>
<td>2014</td>
<td>95,803,756</td>
<td>48%</td>
<td>4,190</td>
<td>58%</td>
<td>1,484</td>
<td>2,250</td>
<td>66%</td>
</tr>
<tr>
<td>2015</td>
<td>126,147,057</td>
<td>32%</td>
<td>2,987</td>
<td>68%</td>
<td>1,096</td>
<td>1,477</td>
<td>74%</td>
</tr>
<tr>
<td>2016</td>
<td>116,630,806</td>
<td>-7%</td>
<td>2,835</td>
<td>68%</td>
<td>764</td>
<td>1,019</td>
<td>75%</td>
</tr>
<tr>
<td>2017</td>
<td>135,535,361</td>
<td>16%</td>
<td>3,906</td>
<td>73%</td>
<td>1,334</td>
<td>1,927</td>
<td>69%</td>
</tr>
<tr>
<td>2018</td>
<td>169,926,778</td>
<td>25%</td>
<td>5,116</td>
<td>81%</td>
<td>1360</td>
<td>1,842</td>
<td>74%</td>
</tr>
</tbody>
</table>
Property Rights
Sorting Out Property Rights

- **Fee Simple** – all rights and title to property
- **Split Estate or Severed Estate** - usually spilt into multiple pieces:
  - Surface Estate (or Real Estate)
  - Mineral Estate
Sorting out Property Rights

• In Colorado, surface ownership may differ from subsurface (mineral rights) ownership.

• Each party (surface and mineral owners) has its own property rights associated with ownership.

• Mineral interests, like surface ownership, are commonly bought, sold and leased through private party contracts.

• Based on recent Colorado court decisions and current laws, the mineral estate is dominant over the surface estate.
Sorting Out Property Rights

- Colorado law provides for access to the mineral estate by allowing mineral owners “reasonable use” of the surface estate.
- COGCC encourages oil and gas operators and surface owners to negotiate Surface Use Agreements (SUA) to minimize conflicts.
- All ownership (including leases) should be recorded by deed in county records.
Spacing and Pooling Concepts

White Acres 40 acres

Green Acres 80 acres
Spacing and Pooling

White Acres 40 acres

Green Acres 80 acres
COGCC Overview
COGCC Mission (paraphrased)

- Foster the responsible, balanced development and utilization of oil and gas resources
- Protect public health, safety, and welfare, including the environment and wildlife resources
- Protect correlative rights
- Prevent waste
- Serve and work in good faith with all having an interest in Colorado’s oil and gas resources.
Colorado Oil and Gas Conservation Act (1951)

- Primary Colorado law that addresses oil and gas development
- Created COGCC
- Has multiple references to local governments
- Last modified in 2014
- Is an appendix to COGCC rules and found on COGCC website under Regulation/Rules

Appendix V - Oil & Gas Conservation Act Title 34-Article 60 (Amended)
### Commission’s Structure

**9 Commissioners**
- Experience in Industry
- Agriculture
- Reclamation
- Regional and Political Diversity
- Appointed by Governor

**100+ COGCC Staff**
- Environmental
- Permitting
- Field Inspections
- Engineering
- Hearings
- Finances

In Department of Natural Resources
Commissioners (COGCC)

- **1951**: 5 members – All with oil O&G experience
- **Pre-2008**: 7 members – 5 with O&G experience
- **2008-present**: 9 members – 3 with O&G experience
  - Executive Directors of DNR and CDPHE
  - 7 volunteer citizens appointed by Governor
  - Represent broad constituencies by statute
Commission's Authority

- The Commission acts in quasi-legislative, quasi-judicial, and executive branch capacities during Hearings.

- In these capacities, the Commission:
  - Engage in rulemaking
  - Adjudicate disputes
  - Enforce violations
Hearings Process

- 8-10 Commission Hearings per year; some outside of Denver. Hearings live-streamed on internet. Next Hearing is April 29-30 in Boulder.

- Information, schedule, docket, and guidance online under [REGULATION link](#)

- Local governments and public may comment at Hearings.

- Commission Hearings result in the creation of [Orders](#):
  - Allow the official creation or modification of rules by the Commission.
  - Allow COGCC to handle administrative or enforcement responsibilities.

- Commission decisions are subject to judicial review.
COGCC Staff

Director and a professional staff (~ 110 FTE) carry out the day-to-day administration of the “Act” and regulate oil and gas operations via enforcement of rules, permit conditions (COAs), Orders, and policies.

- Headquarters in Denver; Office in Rifle
- COGCC Director: Jeff Robbins
- Main Units / Unit Manager:
  - Community Relations – Mike Leonard
  - Engineering – Stuart Ellsworth
  - Environmental – Greg Deranleau
  - Field Operations / Inspection – Margaret Ash
  - Orphan Wells – Dave Andrews
  - Permitting – Jane Stanczyk
  - Hearings – Mimi Larsen
  - Financial – Wendy Schultz

See About Us link On COGCC website for description of main functions of each major unit, and staff contact information.
## COGCC Regulation Topics

<table>
<thead>
<tr>
<th>100 Definitions</th>
<th>500 Hearings</th>
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<tbody>
<tr>
<td>200 General</td>
<td>600 Safety</td>
</tr>
<tr>
<td>300 Drilling, Development, Procedure, and Abandonment</td>
<td>700 Financial Assurance</td>
</tr>
<tr>
<td>400 Units, Enhanced Recovery, and Storage</td>
<td>800 Aesthetic and Noise</td>
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<tr>
<td></td>
<td>900 Waste Management</td>
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<tr>
<td></td>
<td>1000 Reclamation</td>
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<tr>
<td></td>
<td>1100 Flowlines</td>
</tr>
<tr>
<td></td>
<td>1200 Wildlife</td>
</tr>
</tbody>
</table>
Major Rulemakings Since 2008

- Comprehensive Rulemaking - 2008
- Fracture Treatment Disclosure - 2011
- Groundwater Sampling - 2012
- Setbacks, Notification & BMPs - 2013
- Spill Reporting - 2013
- Wildlife Habitat Maps - 2013
- Methane Emissions - 2014 (CDPHE)
- Penalties & Enforcement - 2014
- Floodplain Safety - 2015
- Governor’s Task Force - 2016
- Flowline Rule Making - 2018
- Mill Levy - 2018
- School Setbacks - 2018
- Hearing Process - 2018

COGCC Staff Reports have articles on new rules, data, and lots of other information. Sign up to receive COGCC general e-mailings.
Two-Permit Process to Drill

Application for Permit-to-Drill (APD, Form 2)
Provides information specific to a well and its construction.
- Surface & bottom hole location
- Casing & Cementing plans
- Right to construct
- API number issued once permitted
- Permit valid for 2 years upon approval

Some example API #s:
05-013-06631 or 05-123-38121

05 = state (Colorado)
013 = county (Boulder County) 123 = county (Weld)
06631 = sequence
38121 = sequence

Oil & Gas Location Assessment (OGLA, Form 2A)
Provides assessment of surface location (usually a well pad or a tank battery)
- Area of disturbance
- Distance to homes / setback designation
- Environmental review
- Hydrology
  - Groundwater
  - Surface water
- Inter-agency consultation
- A six-digit Location ID issued upon permit approval
- Permit valid for 3 years

Some example Locations ID are:
415299 or 434375 (both in Erie)
COGCC Regulates Oil and Gas via...

- Rules, Regulations, & Policies
- Permits & Conditions of Approval (COAs) and Best Management Practices (BMPs)
- Systematic Inspection Program
- Enforcement & Hearings Process (Orders)
- Operator outreach & training
- Local Government outreach & training
- Focus on Transparency and Public Involvement
Wells are built with multiple barriers of steel and concrete. More barriers are built across sensitive zones (aquifers).

Goals (through proper well construction, adherence to rules),
- well bore integrity
- isolation of production zones from freshwater zones.

COGCC Rules require surface casing installation a minimum of 50 feet below fresh water zones.

COGCC focuses on reviewing well construction plans (casing and cementing plan) to isolate and protect groundwater.
Inspections

COGCC inspects operations during the entire life of a well or location, or other facility. Inspections can occur during or as a result of:

- Complaint or spill
- Local government request
- Pre-drilling site review
- Cementing well casing
- Mechanical integrity testing
- Hydraulic fracturing
- Production
- Reclamation / well closure
- At any time during life of well, location, or facility

COGCC prioritizes well inspections based on proximity to cultural and environmental features, well age, and various other factors.
2014 Enforcement Revisions

- Increased maximum daily (per violation) penalty from $1,000 to $15,000

- Eliminated former $10,000 penalty cap per violation

- Requires a penalty be imposed for each day a violation continues. Required COGCC clarify when a violation begins and ends.

- Penalty Matrix Used – Certain rule violations go directly to Notice of Alleged Violation (NOAV)
Local Governmental Designee Program
LGD Program

- Rules-based voluntary program used at discretion of local government (cities, towns, counties, and special districts*)
- LGDs may utilize available opportunities to collaborate with COGCC or consult Operators
- Town of Erie LGD is Farrell Buller
- Boulder County LGD is Kim Sanchez
- Weld County LGD is Jason Maxey
- LGDs submit Form 29 to participate or change their LGD
LGD Program Purpose & Scope

Provide opportunities for direct and meaningful local government involvement and collaboration in oil and gas regulation with State of Colorado through receipt of information, consultation, and training.

- LGD have rights & powers, but may incur obligations & responsibilities.

- LGDs (or local governments) get specific notifications as outlined in COGCC rules.
Local Government Opportunities

- Local Government may establish or change their local permitting requirements (Land Use Regulations)
- Be a party to Commission Rulemaking
- Propose new or amended rules to COGCC
- May negotiate Memorandums of Understanding with Operators (MOUs, or contracts)
- Comment on pending permit applications / request comment period extensions
- Consult with Operator on location siting (Large Urban Mitigation Area Facilities)
- Request meeting with Operator for locations proposed within designated setback areas (Buffer Zone or Exception Zone)
Notifications LGDs may receive

- **Notice of “posting”** of OGLA Permit Application Form 2A [305.b (1)]
- **Notice of “posting”** of APD (Form 2) [305.b (2)]
- **Notice of Decision** on Form 2
- **Notice of Decision** on Form 2A
- **48-hour “Notice of Spud”** / Intent to Drill (Rule 316.C.a)
- **48-hour Notice** of Intent to Conduct Hydraulic Fracturing (Rule 316.C.a)
- **Notice of flowline abandonment**
Other Notifications LGDs or Local Governments may receive from Operators

- **Flaring during drilling** – Operator to notify Local Emergency Dispatch (as provided by LGD) prior to flaring (if possible), but as soon as possible, and within 2 hours (317.m)
- **Other flaring** - Operator to notify Local Emergency Dispatch or LGD (912.e)
- **Hydrogen Sulfide (H2S)** – Operator shall notify LGD of analyses indicating presence of hydrogen sulfide (607.c)
- **Seismic Intent** - LGD to be provided copy of Form 20 (Intent to Conduct Seismic Operations) (333.)
- **Accident Report** - An operator must notify the Director and the LGD of the applicable jurisdiction of reportable safety events at an oil and gas facility (603.a-d)
- **Reportable Spill** – Notification goes to “entity with jurisdiction over emergency response” within the local municipality if the spill/release occurred within a municipality or the local county if the spill/release did not occur within a municipality [906.b(2)]
LGD Responsibilities

- LGD is expected to inform COGCC of changes to contact information (email address) or change in LGD (a new Form 29 needed!).
- LGD may be asked to assist public in submitting complaints, filing comments on permit applications, or in contacting COGCC for help.
- LGD may be requested to facilitate or attend public meetings.
Other LGD Responsibilities

- Inform COGCC of jurisdictional boundary changes, annexations, or changing of local regulations
- Sign up to receive Hearings Notices & COGCC Staff Reports
- Request LGD training
- Engage operators, COGCC, LGLs, public, surface owners, mineral rights owners, others in interested in oil and gas
Even more LGD Responsibilities

- Inform COGCC of use of MOUs
- Understanding COGCC Rules and permitting process
- Understand public’s concerns and issues
- Disseminate information to the public, colleagues, and elected officials
LGD Responsibilities

- Become proficient using COGCC website, i.e. using “eForms”, Maps/GIS, accessing & querying database, using “Dashboard”.

- Understand mineral rights ownership in & near jurisdiction, especially if Local Government is “mineral” owner.
LGD and Public Involvement Opportunities
Public Participation

In Colorado, the public has the opportunity to:

- Provide comment at Commission Hearings (general or docket-specific)
- Comment on pending well (APD) or oil and gas location (OGLA) permit applications (within finite comment period)
- File complaints with COGCC (online tool)
- Consult with Operator if they are a Building Unit owner within a designated Setback location (Buffer Zone or Exception Zone)
- Report oil and gas related health concerns to Oil and Gas Health Information Response Line (CDPHE)
- Propose rules to the Commission and or participate as a party in Commission Rulemaking
- Receive notices of upcoming Hearings and COGCC Staff Reports
- Utilize COGCC website to stay current on oil and gas information, data, regulations, and policies
- Request information from the LGD or from LGL
- Participate in Federal oil and gas planning via National Environmental Policy Act (for example, commenting on Draft EIS, RMPs, and other planning documents)
Public Participation - Commenting on Pending Form 2s and 2As

- LGD and the public have 20 days (minimum) to comment on any pending permit application (Form 2 or 2A).
- Comments must be submitted during finite public comment period.
- Effective or actionable comments are site or resource specific and address specific issues or concerns.

LGD (and public) comments may result in COGCC-enforceable “Conditions of Approval (COAs)” being added to a permit that go above and beyond COGCC Rules.
LGD and CDPHE Consultation on Permit Applications

- An LGD may request CDPHE consultation on any Form 2A or Form 2 application if significant health or environmental concerns are anticipated. An LGD must request CDPHE consultation within 14 days of “Posting” of permit application to COGCC website.

- If consultation is requested, CDPHE may provide recommendations to COGCC to address and minimize potential adverse impacts to public health, safety, welfare and the environment.
Oil and Gas Health Information and Response Program

The public has the opportunity to contact the CDPHE in the event one believes they have health concerns related to oil and gas.

Contact
Oil & Gas Health Information and Response Program
4300 Cherry Creek Dr. S
Denver, CO 80246
303-389-1687
cdphe_oghealth@state.co.us
Complaints

Any member of the public, may file a complaint with COGCC. Not all complaints received fall within COGCC jurisdiction, and may be referred to other agency.

Can be filed online via COMPLAINTS link on homepage.

All complaints are investigated, typically by:
• Field Inspection Unit and or
• Environmental Specialists.

Complaints may result in:
• Enforcement protocol (NOAVs), warning letters, compliance deadlines, referrals to other entities.
Using the COGCC Website
(cogcc.state.co.us)
On Using the website...

- There are various ways to get at information; find what works for you!
- The COGCC website is interactive, so a user can “toggle” from link to link, or from a map to a document or other data, and back and (see a Scout Card, for example). Hyperlinks are in underlined blue.
- TIPs! Practice, explore, ask questions.
Example of using “Maps” (Erie Area)
Key Website Skills

- Using “Maps” (GIS) and the available tools - zooming in or out, selecting a feature, adding or removing layers, toggling to other links for information
- Identifying Pending Permits (Form 2As and Form 2s)
- Determining a well’s status; getting its history (inspections, spills, production, ownership)
- Querying COGCC database (spills, inspections, facilities, production); retrieving downloaded data.
- Using the “Daily Activity Dashboard” (DAD).
More Key Website Skills

- Knowing how to file a complaint
- Reviewing approved permits; submitting LGD or public comments on pending permits
- Accessing a “Scout Card” or “Location Card”
- Contacting COGCC staff; other area LGDs; and Operators.
- Finding COGCC Rules, getting Hearing Schedule (reviewing upcoming Hearing Docket, for example); signing up to provide comment at Hearing.
COGCC website cogcc.state.co.us

The “Menu”
Clicking on any one of the Menu topics will bring up a sub-menu

Also on Home Page
- Help
- Quick Links
- News and Notices

Menu Topics
Menu Topics

- **About Us** – Staff contact information (and maps); Commissioner information; descriptions of main work units
- **Complaints** – File and track complaints
- **Data** – Query the COGIS database; get operator information; data downloads (NOAVs, Spills, shapefiles); obtain production data; imaged documents and more!
- **Dashboard** – Review 7 key data sets including pending permits, well status, production, inspections, NOAVs, Notifications, Spills. May filter by city or county.
- **Government** – LGD information; LGD Search tool; LGD Newsletters
- **Library** – Staff Reports, area reports, presentations, and special projects
- **Maps** – GIS system; print maps; over 240 layers available (more when available when zoomed in!)
- **Permits** – Pending permits (Form 2 and 2A); submit public comments; view attachments; view UIC Permits and applications
- **Regulation** – Rules, Hearings Schedule, Forms, Forms, Operator Guidance
Website - Other homepage features (besides Menu items)

- News and Notices
- Quick Links
- Public Resources
- Upcoming Hearings
- Suggestions - How can COGCC do better?

COGCC webpage: COGCC.state.co.us
Some recent “News & Notices” examples

News & Notices

Industry Operations Meeting
Published: 03/18/2019
The next monthly COGCC Industry Operations Meeting is Tuesday, March 19, 2019 from 9 - 10:30 AM. Click link above for Operator Guidance page with agenda and meeting information.

Additional Director Review Criteria
Published: 03/12/2019
COGCC Acting Director Robbins has provided this MEMO as guidance to staff for flagging Form 2 and Form 2A applications for additional review by the Director as part of the technical review. The process is described in this PRESENTATION given to the Commission on March 11, 2019.

COGCC Hearings YouTube Channel
Published: 03/05/2019
Subscribe to our Hearings YouTube channel to receive instant updates whenever new content is available.

SRC Energy, Inc. Application to submit a Comprehensive Drilling Plan under Rule 216
Published: 02/21/2019
SRC Energy, Inc. recently filed an application with the COGCC to submit a Comprehensive Drilling Plan (CDP) under Rule 216. The CDP will encompass approximately 23,677 acres south of Greeley. The proposed CDP area is in portions of unincorporated Weld County, and portions of the cities of Evans, La Salle, Miliken and Glicrest. SRC Energy intends to submit the draft CDP package to the COGCC in March 2019.

School Setback Rules in Effect
Published: 02/21/2019
The Rules adopted by the COGCC in December 2018 amending setbacks related to schools became effective 20 days after their publishing in the Secretary of State’s register. As of February 14, 2019 all Form 2 and Form 2A applications submitted to the COGCC must be in compliance with the amended Rules.

COGCC will update the complete set of rules on this site shortly. To view the Adopted Rules select the link in the title.

Sign-up for General Email Notification
Published: 01/01/2003
Receive links to staff reports, hearing applications, hearing dockets, and hearing notices.
Data - Access to Colorado Oil and Gas Information System (COGIS)

To access COGIS, Click on “Data” on home page menu, and conduct a query....

Types of Inquiry

- Facility
- Sample Site
- Production
- Levy
- Inspection/Incident
- Name, Address and Financial Assurance Tracking

Filter your selection (by location, operator, or other method) to get at the data you want, and dig down and get to documents, map links, and other information.

Example Queries - How many wells are in a county, or township and range? How many wells does a specific operator Have? How many P&A’d Wells in 1N68W???
Maps - The “Zoom” tool is a key tool

User can Search (zoom in) to the map by:

- City
- Location #
- Oil Gas Field
- County Parcel Format (APN #)
- Township / Range (Format = 4N67W)
- Well API (Form at = 05-123-12345)
Maps - Zoom in by Township and Range

Hint - Name a township & range located in Erie?
Answer: T1N R68W - Zoom in using “Zoom” tool; (enter T168W)

GIS Layers “Selected” include:
Pending 2A Location (Form 2A), Counties, Cities.
GIS Layers off: wells, well status, directionals, lots of others
Note: Erie is “selected” (with Select Tool) and shows up BLUE
Maps - Activating a single layer - Pending Location (Form 2A) Permits

![Map](image_url)
Click on select tool icon (arrow), hovering then double clicking on the feature (in this case a Pending Location Permit - Form 2A). This will bring up a copy of the document (Form 2A Application).
Zooming in - Locations, Well status label, roads, Pending Permits, API # also selected
When using “Maps” - Help is a click (or call, or e-mail) away!

Click HERE to access interactive map

Map not working? Map layers not appearing? Please let us know!

First try calling:

Chris Eisinger: (303) 894-2100 x5111
Dennis Ahlstrand: (303) 894-2100 x5116

If you get our voicemail and want a faster response, you can also email us:

chris.eisinger@state.co.us
dennis.ahlstrand@state.co.us

We try to address any reported map issues within an hour or less during normal business hours.

If we should be unresponsive and your map problem persists, please contact our main number at 303-894-2100 and select 0 to speak with our front desk staff.

GIS Staff

Eisinger, Chris - GIS Supervisor
(303) 894-2100 x5111
chris.eisinger@state.co.us

Ahlstrand, Dennis - GIS Analyst
(303) 894-2100 x5116
dennis.ahlstrand@state.co.us

Help

- Geology Map Legends
- GIS Help
- Interpreting Directional Map Plots
- Map Tools Guide
Permits - Access to pending and recently issued Form 2s, Form 2As

Click on “Permits” on home page menu -

Allows user to:
- Find pending (or recently approved) Form 2As and 2s; filterable by County.
- Review permit application, attachments, and location on map, and operator info
- Submit comments (if comment period open) or review existing comments.
## Pending Location Assessment Permits in Weld County

**2 - Is comment period open?**

**2 - Review associated documents.**

**2 - click document # to go to Public comment tool.**

### COGIS - Pending Location Assessment Permits

<table>
<thead>
<tr>
<th>Doc Number</th>
<th>Public Comment End Date</th>
<th>Received</th>
<th>Posted</th>
<th>Location Name</th>
<th>Location Size</th>
<th>Status</th>
<th>Status Date</th>
<th>Footage Call (Map Link)</th>
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<tbody>
<tr>
<td>401771168</td>
<td>2018-12-05</td>
<td>2019-01-03</td>
<td>Mead 9-E</td>
<td>4.08</td>
<td>IN PROCESS</td>
<td>2019-03-19</td>
<td>1508 FNL 404 FEL</td>
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<td>401622448</td>
<td>2018-05-04</td>
<td>2018-05-10</td>
<td>Saskatchewan Pad</td>
<td>10.18</td>
<td>IN PROCESS</td>
<td>2019-03-19</td>
<td>401 FSL 1106 FEL</td>
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<td>2019-03-15</td>
<td>Mathis 6HZ Pad</td>
<td>6.15</td>
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<td>2019-03-19</td>
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<td>2018-06-26</td>
<td>Calgary Streets Pad</td>
<td>10.00</td>
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<td>441 FSL 1084 FWL</td>
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<td>401551750</td>
<td>2016-03-09</td>
<td>2016-03-27</td>
<td>Alberta Cities West Pad</td>
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<td>401975200</td>
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<td>2019-03-18</td>
<td>L.E. Gerkin 1H</td>
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<td>Voil 19-5 Pad</td>
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<td>2019-03-12</td>
<td>Coal Creek 2 SENE</td>
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<td>2019-03-18</td>
<td>E22-07 Tank</td>
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<td>2019-03-19</td>
<td>2393 FNL 2341 FEL</td>
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</table>
Public Participation - Commenting on Form 2 and 2As

- The public has 20 days (minimum) to comment on any permit application (Form 2 or 2A). Comments must be submitted during the finite public comment period.
- Public can use Permits, Dashboard, or Maps links to identify “Pending” Form 2A or Form 2 permit applications
- Public can use Permits link or Dashboard links to quickly see which permit applications are open for comment
- COGCC accepts and reviews all comments - but won’t respond to all comments.
- LGD and public comments may result in COAs that go above and beyond COGCC rules.
- Effective comments are site or resource specific and address specific issues.
Daily Activity Dashboard - Access to 7 data sets of interest to LGDs and Public.

Quick access to:
- Pending Permits (including those within comment period)
- Well Status
- Production
- Well Inspections
- Active Notifications (from Operators)
- Notices of Alleged Violations (NOAVs)
- Spills

For most data sets, DAD output can be filtered by city or town
Using Daily Activity Dashboard - Example Output, a list of Form 2As within Public Comment Period

In this example, the “2A Comment” option is selected.

Output includes:
- Bar Chart showing the number of applications in each County
- A map of the proposed locations
- A list of the applications - includes a link to public Comment Tool (attachments to application, view of the application and submitted comments)
Filing Complaints

- Anyone may file a complaint with COGCC.
- Can be filed online via [COMPLAINTS](#) link on homepage.
- See FAQ document and instructions for filing a complaint.

Complaint are usually investigated by:
- Field Inspection Unit and or Environmental Specialists

Complaint may result in Enforcement (NOAVs), warning letters; compliance deadlines; OFVs; AOCs; contested Hearings.
Oil and Gas Health Information and Response Line

Sean Hackett - CDPHE Oil Gas Liaison
Sean.Hackett@state.co.us
303-692-3662
COGCC Website:
cogcc.state.co.us
What we’ve covered...

- Oil and Gas 101 / Property Rights in CO
- COGCC’s role regulating the Industry
- LGD Program Overview
- LGD Rights, Opportunities and Responsibilities
- Public Participation Opportunities
- Use of the COGCC website
Questions?

Visit us on the web at COGCC.state.co.us

THANK YOU!