

From: [Dexter Payne](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Extraction Oil & Gas invasion of Heatherwood neighborhood violates HOA Covenants
Date: Friday, January 04, 2019 12:01:18 AM

Extraction Oil & Gas invasion of Heatherwood neighborhood violates HOA Covenants

Dear Esteemed County Commissioners,

Stop this before it starts. I have watched past Boulder County Commissioners decline to represent constituents in the face of CO State (or other) abuse of citizens rights. This can not be allowed. County Commissioners are elected by the voters, not the State. Therefore, it is the VOTERS whom you represent. Please keep this simple fact foremost in your minds.

Heatherwood HOA Covenants clearly state: "No oil drillings, oil development operations, oil refining, quarrying or mining operations of any kind shall be permitted upon or in any site, nor shall oil wells, tanks, tunnels, mineral excavations or shafts be permitted upon or in any site. "

The health risk for volatile benzene etc is unacceptable for men, women and children.

The noise and attendant stress is a violation of law and all reasonable exceptions. Open Space purchased with tax money is not Open Season for industrial use of ANY type. It is a Public Trust, not a corporate piggybank.

Forced Pooling is a violation of citizens rights of free speech and free association and will be challenged in court.

We pay tax on residential property, not industrial.

Boulder County Commissioners have a legal obligation to represent your constituents and fight a State Government undifferentiated from Industrial interests, to defend public safety, health and well-being in Boulder County. Flow mapping regulations are an issue for communities that have already been violated, after public health and safety have been abandoned by our representatives.

We WILL organize and nonviolently oppose the State of Colorado. IF abandoned by our elected representatives, we will challenge County Officials as well. Will you join us and demand that government assumes it's legitimate and legal responsibility to citizens?

THAT is our right!

Thank you,
Dexter Payne
Heatherwood resident

From: [Peter Korba](#)
Subject: Small Laws, Great Crimes: the Colorado Oil and Gas Conservation Act
Date: Sunday, February 03, 2019 5:35:56 PM

Thoughts on public health and safety, state laws and Will of the People.....

<https://www.counterpunch.org/2019/01/28/small-laws-great-crimes-the-colorado-oil-and-gas-conservation-act/>

From: [David Takahashi](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Comments for upcoming meeting with COGCC
Date: Friday, March 15, 2019 9:57:21 AM

To whom it may concern,

I understand there is going to be a meeting, in chambers, with the COGCC. These questions are posed to them. If this is not the proper channel to pose public questions to the COGCC, could you please inform what the proper channels are? Thank you for making this communication possible.

There are several questions that have been nagging me as this controversy over Fracking has unfolded. I will try to limit them to ones that I believe land in the COGCC purview. I do wish to encourage the COGCC to take a more holistic approach to its conservation mission, one that considers social and environmental concern as it relates to economics.

One question concerns the profitability of Fracking when the price of gasoline (March 15, 2019) at the pump is around \$2.00, and the price on a barrel of crude is under \$60. It is my understanding that for Fracking to break even the price of crude needs to be above \$90. So if the Fracking has been losing money, and you are in business to make money, where is the shortfall recovered from? Why are we having the conversation around health and safety to people and planet, when the economics are not even beneficial?

Another nagging question has to do with the fact that along the front range we are water challenged. Even though Colorado is one of the two states that only exports water, due to climatic conditions our ability to supply the rest of the west and east, with water has become increasingly difficult. When I speak with agriculture, there is an acknowledgment that they are borrowing water, that it needs to be returned to the river, and that they have a responsibility to supply the downstream needs for farmers and communities with drinkable water. When I hear that water is being placed into deep injection wells that hopefully will isolate the water from leakage forever, I am thinking that this water is not being rented, rather it is being owned. Moreover, as mentioned, water is a common resource that belongs to everyone. So how much water is being taken out of circulation, and how are is the loss being accounted for in terms of compensating downstream needs?

Along these lines, I am concerned about the fact that water needs to be placed in deep injection wells in the first place. I understand this has to do with the chemicals used to help extract the methane. I understand that COGCC will not release the list of ingredients. That the ingredients must be placed in deep injection wells suggests that there are ingredients that must be isolated from public exposure. My question is can we get a bona fide study on the ingredients and list the potentially harmful ones to the public? This seems like a situation, not unlike the ozone depletion, where the chemical companies found safer replacements for the chlorinated fluorocarbons they were using. Again, the fact that the solution must be pumped, transported, and then a deep injection well filled does not give me confidence that our health and welfare is being accounted for. If you are not willing to publish the contents can you at least let an independent study be executed that certifies public safety? Are you willing to escrow funds to mitigate potential health effects should deep injection wells begin to fail?

Finally, it is my understanding that microplastic is used to keep the fractures from collapsing. It is well known that microplastics are showing up in the food chain. We happen to be at the top of the food chain. My question is how are the microplastics being accounted for? When you are through with them, where do they go?

Finally, the State of Alaska knew that statehood would open up their precious natural resources to extraction. They knew that drillers would come, create an economic boom, the resource would

deplete, the drillers would leave a bust, the state would be left holding the bag. Instead, the state created a sovereign wealth fund that would cushion the fall whenever it occurred. The way this worked is that the drilling operations pay rent for the resources they are taking which became part of the cost of doing business. The money was put into a fund and fund used to ensure a just transition once the pumping ended. The money was managed, and the profits from its investments returned to the public since the public owns the common resource. I am wondering if the COGCC would consider adopting such a mechanism to help the public share the commonwealth and mitigate the upcoming stranded costs.

Respectfully,

David Takahashi

--

David Takahashi

326 29th Street

Boulder CO 80305

Hic Svnt Dracones Location/Time Zone: Boulder, CO/ Mountain

From: [Mark Laci](#)
To: [Boulder County Board of Commissioners](#)
Cc: [Ken Lish](#)
Subject: Resolution in Support of Motion Opposing Oil & Gas Development at Rocky Flats
Date: Wednesday, April 10, 2019 10:26:55 PM
Attachments: [TOS Resolution.pdf](#)
[TOS Draft Motion.pdf](#)

Dear Boulder County Commissioners:

The Town of Superior and Boulder County are both members on the Rocky Flats Stewardship Council (RFSC). The RFSC's mission is to "provide continuing local engagement on activities occurring at the Rocky Flats site regarding long-term stewardship of residual contamination and refuge management" while providing "an ongoing forum to engage on all other issues pertinent to Rocky Flats."

In November 2018, the Town of Superior learned that that an oil and gas company called Highlands Natural Resources had filed applications with the Colorado Oil & Gas Conservation Commission (COGCC) to drill and conduct hydraulic fracturing (fracking) under Rocky Flats. Although those applications were subsequently withdrawn, drilling and fracking under Rocky Flats remains a distinct threat which undoubtedly would have effects on "refuge management" while raising concerns related to the "stewardship of residual contamination" -- both of which are central to the mission of RFSC.

To address concerns of our constituents, the Town of Superior has drafted a proposed motion which we intend to introduce (subject to input and modification from the RFSC) at the June 3, 2019 meeting of the RFSC, opposing oil and gas drilling and production -- including hydraulic fracking -- on and under Rocky Flats. Separately, the Board of Trustees for the Town of Superior passed a Resolution at its April 8, 2019 meeting, encouraging the passage of such a motion by the RFSC at its upcoming meeting. I have included copies of both the draft motion and Superior's Resolution, for your consideration.

We respectfully request that you consider introducing a similar resolution of support at an upcoming public meeting, which would encourage the RFSC to support a motion opposing oil and gas development at Rocky Flats. Additionally, we ask that your representative to the RFSC vote in favor of the motion at the June 3 RFSC meeting. I believe it is important for our respective communities to show solidarity on this important public health and safety issue.

This is not a motion that opposes oil and gas development generally. Rather, this motion seeks to draw a line in the sand with respect to our opposition to drilling and fracking under a Superfund site that remains contaminated with plutonium. It is our hope that we can all get behind that.

Thank you for your attention to this matter and if you have any questions, please do not hesitate to give me a call at (303) 241-2289.

Mark Lacis

Mayor Pro Tem, Town of Superior

TOWN OF SUPERIOR
RESOLUTION NO. R-22
SERIES 2019

A RESOLUTION OF THE BOARD OF TRUSTEES OF THE TOWN OF SUPERIOR SUPPORTING A MOTION BY THE ROCKY FLATS STEWARDSHIP COUNCIL TO OPPOSE OIL AND GAS EXPLORATION, PRODUCTION, AND HYDRAULIC FRACTURING ON AND UNDER ROCKY FLATS

WHEREAS, local governments have an obligation to protect the public health, safety, welfare, and the environment; and

WHEREAS, the 14 member Rocky Flats Stewardship Council (RFSC) represents 900,000 residents in the region; and

WHEREAS, RFSC has long-term commitments to Rocky Flats and the Refuge, including the protection of water, ground water, and other environmental issues at the site; and

WHEREAS, the Town of Superior has drafted a Motion opposing oil and gas development and fracking at Rocky Flats, which the RFSC intends to consider at its June 3 meeting; and

WHEREAS, Rocky Flats operated from 1951 until 1989, serving as the nation's primary nuclear weapons trigger production facility; and

WHEREAS, cleanup of the site, which ended in 2007 did not eliminate all risk. The core production areas, settling ponds and two landfills hold the greatest hazards and remain under DOE's jurisdiction; and

WHEREAS, cleanup did not anticipate risks related to oil and gas production or hydraulic fracturing on and under the 6,200-acre Rocky Flats site. The impacts of such risks are unknown and unstudied, posing an unreasonable threat to public health, safety, and welfare; and

WHEREAS, in November 2018, applications were filed with the Colorado Oil and Gas Conservation Commission (COGCC), to develop oil and gas minerals located underneath the Rocky Flats site.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE TOWN OF SUPERIOR, COLORADO, as follows:

Section 1. The Board of Trustees SUPPORTS and strongly urges the Rocky Flats Stewardship Council to adopt the Motion to

oppose oil and gas exploration, production, and hydraulic fracturing on and under Rocky Flats.

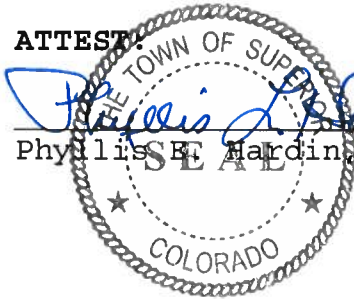
ADOPTED this 8th day of April, 2019



Clint Folsom, Mayor

ATTEST:


Phyllis E. Hardin, Town Clerk-Treasurer



ROCKY FLATS STEWARDSHIP COUNCIL

P.O. Box 17670
Boulder, CO 80308-0670
www.rockyflatssc.org

(303) 412-1200

Jefferson County ~ Boulder County ~ City and County of Broomfield ~ City of Arvada ~ City of Boulder
City of Golden ~ City of Northglenn ~ City of Thornton ~ City of Westminster ~ Town of Superior
League of Women Voters ~ Rocky Flats Cold War Museum ~ Rocky Flats Homesteaders
Kim Griffiths

**SUBMITTED BY MARK LACIS, TOWN OF SUPERIOR MAYOR PRO TEM
FEBRUARY 24, 2019**

Motion to Oppose Oil and Gas Exploration, Production, and Hydraulic Fracturing On and Under Rocky Flats

WHEREAS, Rocky Flats operated from 1951 until 1989, serving as the nation's primary nuclear weapons trigger production facility. Production of such triggers resulted in widespread contamination within the buildings and throughout portions of the 6,200-acre site. Site operations and fires in the production buildings also spread contamination to off-site lands and into off-site water supplies.

WHEREAS, production ceased in 1989 after an FBI and Environmental Protection Agency (EPA) raid on the site.

WHEREAS, cleanup, which began in earnest in 1995 and was closely regulated by both the EPA and the Colorado Department of Public Health and Environment (CDPHE), took 10 years and cost \$7 billion. Cleanup activities ended in October 2005, and in late 2006 and early 2007, the Department of Energy (DOE), EPA and CDPHE declared the cleanup complete. The former buffer zone and off-site lands were removed from the Superfund list and 4,000 acres of the former buffer zone were transferred to the Department of the Interior to be protected as the Rocky Flats National Wildlife Refuge. Additional lands were transferred in 2014.

WHEREAS, cleanup did not eliminate all risk. The core production areas, settling ponds and two landfills hold the greatest hazards and remain under DOE's jurisdiction. Contamination is found along old building foundations, in pond sediments, in old underground process waste lines, in two landfills, and in other areas. This contamination, which is at or, in nearly all cases, below all federal and state regulatory standards, includes radioactive materials, chemical solvent wastes and heavy metal wastes.

WHEREAS, cleanup did not anticipate risks related to oil and gas production or hydraulic fracturing on and under the 6,200-acre Rocky Flats site. The impacts of such risks are unknown

and unstudied, posing an unreasonable threat to public health, safety, and welfare.

WHEREAS, in November 2018, applications were filed with the Colorado Oil and Gas Conservation Commission (COGCC), to develop oil and gas minerals located underneath the Rocky Flats site.

BE IT RESOLVED, that the Rocky Flats Stewardship Council opposes any and all oil and gas exploration and production, including but not limited to that which utilizes hydraulic fracturing (fracking), on and under any portion of the 6,200-acre Rocky Flats site until the associated risks are identified, assessed, and mitigated to the satisfaction of all Council members. Until such time, such activities pose an unreasonable threat to public health, safety, and welfare.

DRAFT

From: [Theron Hreno](#)
To: [Boulder County Board of Commissioners](#)
Subject: Drilling moratorium
Date: Friday, April 19, 2019 10:16:46 PM

Dear Boulder County Commissioners,

As a East Boulder County resident, living in Gunbarrel, I am concerned that the Crestone CDP could even be given a hearing by the COGCC. With the sweeping reforms passed into law by SB 19-181, I implore you all to pass a significant moratorium on drilling permits until we are able to gather more information about how oil & gas activities negatively effect health and safety. Health and safety should be paramount and I trust the Commissioners will press the issue in ensuring this is the case.

Thank you,

Theron Hreno

From: [Tom Daly](#)
To: [Boulder County Board of Commissioners](#)
Subject: Please support a moratorium on Boulder CO drilling permits
Date: Friday, April 19, 2019 10:36:03 PM

Hello,

My wife and I live in the Gunbarrel neighborhood and we are very concerned about the possibility of drilling and fracking near us. For reasons of health, safety, and land values we strongly request that you support a moratorium on all drilling permits in Boulder CO until the full impact of SB-181 is fully discussed, understood and realized.

thank you,
Dr Tom Daly and Ms Jude Blitz

From: [Patty McKenna](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking
Date: Saturday, April 20, 2019 6:31:10 AM

Dear Boulder County Commissioners,

Please immediately get a moratorium in place on fracking/drilling permits. The fallout and best practices for stopping development in Boulder County under 181 will take a while to figure out. In the meantime, a moratorium is an absolute necessity.

I live in Niwot, which is unincorporated, and I've elected you to look out for MY best interests, not the interests of oil & gas. Thank you for all that you do to keep your constituents safe.

Patricia McKenna
Niwot

Sent from my iPhone

From: [Kathryn Baack](#)
To: [Boulder County Board of Commissioners](#)
Subject: moratorium on oil & gas drilling
Date: Saturday, April 20, 2019 1:47:20 PM

Dear Deb Gardner, Elise Jones, and Matt Jones,

Please enact a county-wide moratorium on all oil & gas drilling in Boulder County. Let's use the time to explore how the new provisions of SB-181 can help us protect health, safety, and the environment!

And please do everything possible to prevent the Hwy 52 corridor from becoming like Weld County.

Thank you!

Kathryn Baack
8100 Kincross Dr
Boulder CO 8001

From: [Sharon Cascone](#)
To: [Boulder County Board of Commissioners](#)
Subject: Please enact moratorium
Date: Saturday, April 20, 2019 4:33:18 PM

Dear County Commissioners:

Please enact a moratorium on all oil and gas drilling permits in Boulder County. A moratorium is necessary due to:

- New COGCC rule-making in light of SB-181 could take a year or more. We need to see exactly what protections may be offered by this new law;
- Boulder County will need to revise its regulations in response to COGCC rule changes, and new local authority granted by SB-181;
- Moratoria have already been enacted in Adams County, and the City of Lafayette. Boulder County should also step up -- we need time to explore how the new provisions of SB-181 can help us protect health, safety, and the environment.

Thanks so much for working with the people of Boulder County to cease all oil and gas production in the County to protect our health, safety, and environment and our world from climate catastrophe.

Sharon Cascone
4836 Old Post Circle, Boulder (Boulder County, Gunbarrel)

From: [Donna Daniell](#)
To: [Boulder County Board of Commissioners](#)
Subject: We need a moratorium on all drilling permits
Date: Sunday, April 21, 2019 8:32:21 AM

Dear Deb Gardner, Elise Jones, Matt Jones

Please help us stop the drilling that is happening in our backyard!! We need a moratorium on all drilling permits in Boulder County. I live in the Gunbarrel area and I am experiencing increased allergic reactions to the chemicals in the air and in our neighborhood. We have to stop this pollution.

Please know I have lived in the Boulder area for almost 40 years, a tax-paying citizen and long time resident. We need to preserve our valley and our air and water.

Sincerely,

--

Donna

Donna Roe Daniell, LCSW

Balance Your Life Coaching & Psychotherapy

7255 Lookout Road

Longmont, CO 80503 (Gunbarrel)

SKYPE: DonnaBalance

Phone: 303.682-5220

www.findbalanceinyourlife.com

www.women-in-transformation

donna@findbalanceinyourlife.com

<https://www.facebook.com/DonnaBalance/>

"The most precious gift we can offer others is our presence. When mindfulness embraces those we love, they will bloom like flowers"

---Thich Nhat Hahn

Confidentiality Statement

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From: [Gabrielle Katz Heatherwood](#)
To: [Boulder County Board of Commissioners](#)
Subject: Please enact a drilling moratorium!
Date: Sunday, April 21, 2019 4:11:43 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.


Thank you,
Gabrielle Katz

From: [Wufoo](#)
To: [Boulder County Board of Commissioners](#)
Subject: Contact County Commissioners [#1033] - [Name: Farnan, Katie] Re: Please enact a moratorium
Date: Sunday, April 21, 2019 6:43:33 PM

Name * Katie Farnan

Email * kartzner@hotmail.com

Organization (optional) Mrs.

Address or General Area (optional)  4728 Berkshire Ct
Boulder, CO 80301
United States

Subject * Please enact a moratorium

Comments, Question or Feedback *

Dear Boulder County Commissioners,

I'm writing to you as a resident of Boulder County and I'm asking you to join Adams County and Lafayette in enacting an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making (SB181).

I live in Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the open space lands that surround my community. We are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law.

Please take action now on behalf of me and my family and my neighbors in unincorporated Boulder County, by allowing time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Katie Farnan

Please check box below *

☒ I acknowledge receipt of the Open Records Notification

From: [Lon Goldstein](#)
To: [Boulder County Board of Commissioners](#)
Subject: Put a pause on fracking permits please!
Date: Sunday, April 21, 2019 10:13:15 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making! Ideally, this moratorium should be for at least 2 years which is the amount of time rule-making is expected to take!

I live in the Heatherwood neighborhood. As a resident of unincorporated Boulder County, I am extremely concerned about the threat of large-scale industrial oil and gas fracking operations. This could happen in or near our neighborhood, or on the open space that we as taxpayers have invested in over the years. As county residents we are not protected by any city or town regulations, so we look to you for protection.

As the process of rule-making at the COGCC proceeds it makes sense to put a pause on any permit approvals. Hopefully, other agencies such as the Colorado Department of Public Health and Environment (CDPHE), will be reorganizing and reassessing their roles and priorities. Boulder County should also be taking the time to reexamine rules and regulations in light of the new regulations as they become clear.

Adams County and City of Lafayette have already put moratoria in place. Please put in place a moratorium for Boulder County to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Lon Goldstein
4602 Chatham Pl

=====
Lon Goldstein
Boulder, CO
lon.a.goldstein@gmail.com
=====

From: [julia hanke](#)
To: [Boulder County Board of Commissioners](#)
Subject: Please enact moratoria on gas drilling
Date: Monday, April 22, 2019 8:44:54 AM

We need time to explore how the new provisions of SB-181 can help us protect health, safety, and the environment! Please enact a moratoria today for Boulder County as Adams and City of Lafayette have already done. Thank you so much for continuing to put health and safety first.

Sincerely,
Julia Hanke
4711 Berkshire Ct
Boulder, CO 80301

From: [Patty Sunfield](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium in Boulder County against Fracking dangers
Date: Monday, April 22, 2019 8:46:34 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a native resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Patty Sunfield
Boulder, co 80304

From: [Jeb Bennett](#)
To: [Boulder County Board of Commissioners](#)
Subject: moratorium
Date: Monday, April 22, 2019 9:06:14 AM

commissioners@bouldercounty.org

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place.

Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,

Gerald Bennett
800 Laramie Blvd. Unit B
Boulder, CO 80304

From: [Elizabeth Michalak](#)
To: [Boulder County Board of Commissioners](#)
Subject: oil and gas permits
Date: Monday, April 22, 2019 10:16:05 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,

Elizabeth Michalak

From: soladido@aol.com
To: [Boulder County Board of Commissioners](#)
Subject: Oil and gas drilling
Date: Monday, April 22, 2019 12:40:54 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

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Thank you,

Sola DiDomenico
925 Rainlily Lane
Boulder 80304
303-880-1672

From: [Lacey Story](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on oil and gas permits
Date: Monday, April 22, 2019 3:26:00 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

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Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,

Judith Story

Registered voter Boulder CO

Sent from my iPhone

Dear Boulder County Commissioners,
Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
James

James Plagmann
Architect + LEED AP
HumaNature Architecture, LLC
Boulder, Colorado
Tel: 303-667-9629

From: [Bruce Sterling](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil and gas moratorium
Date: Monday, April 22, 2019 11:05:21 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you.

Sincerely,
Bruce Sterling

From: [Erin Dupuis](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on O&G permits, please
Date: Tuesday, April 23, 2019 5:36:09 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Erin Dupuis
Boulder Resident

--

Please consider the environment before printing this email.

From: [Cathy Palmer](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil and gas permits
Date: Tuesday, April 23, 2019 7:19:47 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,

From: [Sara Koury](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium
Date: Tuesday, April 23, 2019 9:15:15 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you

Sara Koury | Broker Associate
RE/MAX Alliance - Boulder
4770 Baseline Rd #220 Boulder CO 80303
Each office independently owned and operated

sarakoury.homesincolorado.com
D: 773.968.4722 | O: 303.499.9880 | F: 303.499.1755
sarakoury@gmail.com

From: [Matthew Koury](#)
To: [Boulder County Board of Commissioners](#)
Subject: moratorium
Date: Tuesday, April 23, 2019 9:29:12 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,

--

Matthew Koury

From: [Andrea Conners](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on gas and oil permits
Date: Tuesday, April 23, 2019 10:32:52 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Sincerely,
Andrea Conners
4730 Kincross Ct

From: [Erin Hirschland](#)
To: [Boulder County Board of Commissioners](#)
Subject: Enact moratorium on oil and gas permits
Date: Tuesday, April 23, 2019 11:15:09 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making.

I am a resident of the South Meadow neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us.

Please, let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Erin Hirschland

--

Erin Hirschland | The Performance Link | 720.421.7017

From: [holly owens](#)
To: [Boulder County Board of Commissioners](#)
Subject: Help!
Date: Tuesday, April 23, 2019 11:25:51 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Holly Owens

From: [Matt Hirschland](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil + Gas Permit Moratorium
Date: Tuesday, April 23, 2019 11:35:37 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making.

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

This is the right thing to do for our community and kids. Please act now and push pause on this type of development near our homes.

Thank you,

Matt Hirschland

From: [Kimberley Rivero](#)
To: [Boulder County Board of Commissioners](#)
Subject: O&G Moratorium
Date: Tuesday, April 23, 2019 3:24:04 PM

Dear Boulder County Commissioners - I want to ask you to please enact an immediate moratorium on all oil and gas permits pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you for your consideration.

Thanks, Kim

~~~~~  
Kimberley Rivero  
Cell: 720.341.2869  
~~~~~

From: [Brenda de St Simon](#)
To: [Boulder County Board of Commissioners](#)
Subject: Enact a moratorium on all oil and gas permits
Date: Tuesday, April 23, 2019 6:25:33 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMF and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

All the research shows that Fracking is harmful to the health of humans, animals and the environment. There is NO research that says it is not harmful.

Please help!

Thanks
Brenda de St Simon
Concerned Citizen

From: [Kim Obert](#)
To: [Boulder County Board of Commissioners](#)
Subject: moratorium on gas and oil permits
Date: Tuesday, April 23, 2019 8:34:00 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of Boulder and before that, I lived in the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state-level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!


Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide the opportunity for public participation in this process. Let's be environmental leaders and walk the talk. Isn't that why we live here?

Thank you,
Kim Obert

From: [Wufoo](#)
To: [Boulder County Board of Commissioners](#)
Subject: Contact County Commissioners [#1037] - [Name: Keeley, Vanessa] Re: Please enact immediate moratorium on all oil and gas permits
Date: Wednesday, April 24, 2019 4:07:31 PM

Name * Vanessa Keeley

Email * varbogast7@yahoo.com

Address or General Area (optional)  7634 Chatham Way
Boulder, CO 80301
United States

Subject * Please enact immediate moratorium on all oil and gas permits

Comments, Question or Feedback *

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Vanessa Keeley

Please check box below *

☒ I acknowledge receipt of the Open Records Notification

From: [Sue Keston](#)
To: [Boulder County Board of Commissioners](#)
Subject: fracking
Date: Wednesday, April 24, 2019 5:23:13 PM

Dear Boulder County Commissioners,

I urge you to initiate a moratorium on fracking in Boulder County.

Boulder County needs to reassess rule changes impacting local authority now that SB 181 has been passed. We have no idea how or when COGCC will proceed with their own rule changes in response to this bill, and it is prudent for Boulder to have a moratorium in place until we have a complete picture.

In Adams County and Lafayette, moratoria are in place. Boulder needs to follow their lead to protect its citizens.

Thank you,
Sue Keston
Boulder

From: [ryan wiese](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium On All Drilling Permits
Date: Wednesday, April 24, 2019 6:07:10 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making! Ideally, this moratorium should be for at least 2 years which is the amount of time rule-making is expected to take!

I live in the Heatherwood neighborhood. As a resident of unincorporated Boulder County, I am extremely concerned about the threat of large-scale industrial oil and gas fracking operations. This could happen in or near our neighborhood, or on the open space that we as taxpayers have invested in over the years. As county residents we are not protected by any city or town regulations, so we look to you for protection.

As the process of rule-making at the COGCC proceeds it makes sense to put a pause on any permit approvals. Hopefully, other agencies such as the Colorado Department of Public Health and Environment (CDPHE), will be reorganizing and reassessing their roles and priorities. Boulder County should also be taking the time to reexamine rules and regulations in light of the new regulations as they become clear.

Adams County and City of Lafayette have already put moratoria in place. Please put in place a moratorium for Boulder County to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Ryan Wiese
7983 Grasmers Dr.

From: [Cameron Lund](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium On Oil and Gas Permits.
Date: Wednesday, April 24, 2019 7:22:05 PM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making.

I am a resident of Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot and right up the street from me on Highway 52.

Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area. Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,

Cameron Lund

5624 N 115th Street
Longmont, CO 80504

From: [Michael Denslow](#)
To: [Boulder County Board of Commissioners](#)
Cc: [m_d](#)
Subject: Moratorium on all drilling permits
Date: Thursday, April 25, 2019 9:48:50 AM

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making!

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,
Michael Denslow

From: [frank whitney](#)
To: [Boulder County Board of Commissioners](#)
Subject: No Fracking
Date: Monday, April 29, 2019 6:32:01 AM

Please, no fracking !!

From: [Tim Bickmore](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil and Gas drilling
Date: Monday, April 29, 2019 6:51:50 AM

I urge the Boulder County Commissioners to immediately enact an Oil and Gas drilling moratorium in Boulder County.

John Bickmore
8161 North 41st Street
Longmont, Colorado 80503
Telephone 303-887-0056

From: [Cody Allard](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil and Gas moratorium
Date: Monday, April 29, 2019 9:12:28 AM

Dear commissioners,

My wife and I just bought our first house in Longmont and more importantly we are about to start trying to get pregnant with our first child. The oil and gas industry and recent and future drilling activities in Boulder county are an immense concern for us. Please protect the health of the citizens of Boulder county, the current and future children of Boulder county, and the beautiful and unique landscape that is Boulder county. Please enact an immediate moratorium on all oil and gas drilling permits.

Thank you,

Cody Allard

From: [Suzanne De Lucia](#)
To: [Boulder County Board of Commissioners](#)
Subject: Fracking Moratorium On Boulder County Lands
Date: Monday, April 29, 2019 9:57:56 AM

Dear Commissioners,
Per the Open Forum letter in today's Daily Camera, I agree with The Lookout Alliance and request that you enact a moratorium on oil and gas drilling in our County.
Thank you.
Suzanne De Lucia
86 Mineola Court
Boulder, CO 80303

--



Suzanne M. De Lucia, CBI
Fellow Of The IBBA
President
Front Range Business, Inc.
5353 Manhattan Circle, Suite 101
Boulder, CO 80303
Office: 303-499-6008
Fax: 1-888-521-8219
sdelucia@frontrangebusiness.com

www.frontrangebusiness.com

From: [D](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil wells on open space.
Date: Monday, April 29, 2019 5:41:07 PM

Where would I find a map of the exact locations of existing wells on the 'open space' bordered by 75th st on the west, Lookout Rd on the north, 95 th street on the east and Valmont Rd on the south. I live in this general area.
Thank you

Dennis Mullen
602-549-4988

From: [Evan Ravitz](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on drilling until 181 rulemaking done.
Date: Monday, April 29, 2019 8:41:12 PM

No sneaking wells onto our open space. No snaking it all to China.

We have 10 years until it's too late. No new fossil fuel investment.

Evan Ravitz, guide, photographer, writer, editor. Ex-not-so-tight-rope artist. Working for direct democracy since 1988. The unlikely takes longer...

<http://EvanRavitz.com>

(720)403-5594

From: [Dante](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on oil & gas drilling permits
Date: Tuesday, April 30, 2019 5:50:16 AM

My wife and I favor a moratorium on oil and gas drilling permits pending the outcome of new rules on drilling that will be put in place due to the passage of SB19-181. We are asking that every commissioner support a moratorium.

Dante & Karen Trembler
7669 Matai Ct.
Niwot, CO

From: [Terry Snyder](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium on Oil and Gas Drilling Permits
Date: Wednesday, May 01, 2019 3:04:59 PM

Dear County Commissioners,

I am writing today to ask for support in enact an immediate moratorium on all oil and gas drilling permits. Oil and gas drilling is dangerous and an imminent threat to the unincorporated neighborhoods of Boulder County. It is important to set restrictions while legislation is being developed at the state level. Adams County and the City of Lafayette have already put a moratorium in place. Please do the right thing and protect our beautiful land and most importantly, the people of Boulder County.

Sincerely,
Terry Snyder

From: [Donna Daniell](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Thursday, May 02, 2019 6:10:35 PM

Dear Commisssioners:

I am writing to tell you that we need a moratorium on oil and gas drilling now in Boulder County. I am suffering from asthma, and I have much more symptoms each season. My eyes water and I have frequent headaches. I never had these kinds of symptoms and I've lived in Boulder, Lafayette and now Gunbarrel over the past 35 years.

Please help us protect our environment here!!

Thank you.

--

Donna

Donna Roe Daniell, LCSW

Balance Your Life Coaching & Psychotherapy

7255 Lookout Road

Longmont, CO 80503 (Gunbarrel)

SKYPE: DonnaBalance

Phone: 303.682-5220

www.findbalanceinyourlife.com

www.women-in-transformation

donna@findbalanceinyourlife.com

<https://www.facebook.com/DonnaBalance/>

"The most precious gift we can offer others is our presence. When mindfulness embraces those we love, they will bloom like flowers"

---Thich Nhat Hahn

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From: [Donna Daniell](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Need a Moratorium on New oil & gas Drilling
Date: Thursday, May 02, 2019 6:14:42 PM

Dear County Commissioners:

I am writing to let you know that I am totally requesting a moratorium be passed on new oil and gas drilling. I live in Gunbarrel, and my asthma symptoms have worsened as well as more runny nose, headaches, etc. We are experiencing much more pollution in this area than ever before. I have lived in Boulder County for 38 years, and this I can tell that the drilling and fracking is changing our air quality considerably -- especially since we have more water vapor in the air due to climate change that holds the poisons and toxins even more.

Please consider this moratorium for our county immediately!!

--

Donna

Donna Roe Daniell, LCSW

Balance Your Life Coaching & Psychotherapy

7255 Lookout Road

Longmont, CO 80503 (Gunbarrel)

SKYPE: DonnaBalance

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From: [Kathy Kaiser](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: moratorium
Date: Thursday, May 02, 2019 7:38:44 PM

I'm requesting that Boulder County have a moratorium on permits for oil and gas drilling. I live in Heatherwood, where we are facing the very real prospect of fracking. We need time for the Colorado Oil and Gas Conservation Commission to produce new rules that would provide protections for those of us living here. And time for the county also to deal with this issue.

thank you.

From: [A.J.](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Please enact a moratorium on permits
Date: Thursday, May 02, 2019 9:46:56 PM

Moratoria have already been enacted in Adams County, and the City of Lafayette. Boulder County should also take the time to explore how the new provisions of SB19-181 can protect health, safety, and the environment!

Thanks!

A.J.

From: [k. f.](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Thursday, May 02, 2019 9:49:18 PM

Hello Commissioners,

Please institute a complete moratorium on oil and gas development in Boulder County.

To be honest, we should keep it in the ground, period, and move on to sustainable, renewable energy right now, according to the latest climate reporting. We shouldn't be drilling anymore if we hope to save this planet. At the very least, though, we need a moratorium in this county until the full implications of the new oil and gas + climate legislation can be understood and implemented.

Thank you,
Katie Farnan
Gunbarrel, CO 80301

From: [Margaret Buttery](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium on oil and gas
Date: Thursday, May 02, 2019 10:15:55 PM

Please consider a moratorium on fracking in Boulder County. We live in Niwot near open space, and my children and I have asthma. I don't know what we'd do if oil and gas came nearby... I worry about our health. I worry about the quality of our air already, and know it will only get worse if it moves closer.

Please keep the open spaces open... I want this place to be safe for our children.

Sincerely,
Margaret Buttery
Science teacher

Sent from my iPhone

From: [Margaret Buttery](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Thursday, May 02, 2019 10:18:57 PM

Please consider a moratorium on fracking in Boulder County. We live in Niwot near open space, and my children and I have asthma. I don't know what we'd do if oil and gas came nearby... I worry about our health. I worry about the quality of our air already, and know it will only get worse if fracking moves closer.

Please keep the open spaces free from oil and gas... I want this place to be safe for our children... and for it to remain a beautiful treasure.

Sincerely,
Margaret Buttery
Science teacher

Sent from my iPhone

From: [Jenna Blumenfeld](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium on oil and gas drilling
Date: Thursday, May 02, 2019 11:12:31 PM

Hello,

I am a longtime resident of Boulder County, and I would like to express my support for a moratorium on all oil and gas drilling in Boulder County. I am extremely concerned about the environmental, human health and wildlife effects drilling has so close to our communities.

Thank you,

--

Jenna Blumenfeld
jennaoblumenfeld@gmail.com
jennablumenfeld.com
c. 203-219-8111

From: [Brenda de St Simon](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Friday, May 03, 2019 8:59:34 AM

Hello,

I am a Boulder County resident and I would like you to put a moratorium on drilling in Boulder County now! There have been many studies that have shown the harmful effects to humans, animals, and the environment of horizontal drilling and there has been NO studies to show that it is safe. Please stop drilling now!

Thanks

Brenda de St. Simon

From: [mh.robertson](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Friday, May 03, 2019 9:44:53 AM

NO more oil and gas allowed here.

From: [Eric Tussey](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Friday, May 03, 2019 9:47:05 AM

Hi Commissioners,

I wanted to request that you all institute a long term moratorium concerning oil and gas development in Boulder County. Numerous reasons which you have heard before:

Climate change is brought on by burning fossil fuels
it is an industrial process that we do not want anywhere near us
pollution - air and water
toxicity of industrial chemicals being used
health affects - human / other creatures
huge water usage
huge energy in the transportation of water , chemicals equipment (per well)

Allowing further O&G development simply slows our transition to renewable energy.
We need to stop big oil in their tracks before they get a foothold here.

COGCC will still not protect us.

Citizens of Boulder County have hired you to protect our interests and those of the next 7 generations

Thanks (in advance) for taking action)>

Sincerely,

Eric Tussey
5075 51st Street
Boulder CO 80301

From: [Gretel Follingstad](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Friday, May 03, 2019 5:17:31 PM

Residents want a drilling moratorium now!

Boulder County has the power to enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rule-making for the new Colorado law, SB19-181. **Permitting new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.**

We want it known that oil and gas doesn't belong in our county.

Why do we need a moratorium?

- Colorado Oil and Gas Conservation Commission (COGCC) and Air Quality Control Commission (AQCC) rule-making could take a year or more.
- After these rules are in place, Boulder County will need to revise its own regulations in response to state-level rule changes, and new local authority granted by SB19-181.
- Moratoria have already been enacted in Adams County, and the City of Lafayette. Boulder County should also take the time to explore how the new provisions of SB19-181 can protect health, safety, and the environment!

Thank you.

Gretel Follingstad

From: [Gabrielle Katz Heatherwood](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Boulder County Moratorium Needed ASAP!
Date: Sunday, May 05, 2019 8:33:05 PM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMF and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need the immediate support of the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County and the City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,
Gabrielle Katz
Boulder County, Colorado

From: [Jasmin Cori](#)
To: [Boulder County Board of Commissioners](#)
Subject: Protect Boulder County with Moratorium on new O&G permits
Date: Monday, May 06, 2019 8:22:01 AM

Dear Commissioners,
Please join the other counties enacting moratoriums so that the county (you) and state can catch up with the new protections that SB 181 involves.
Thank you.

Jasmin Cori
4945 Twin Lakes Rd, Apt. 44
Boulder, CO 80301

From: [Kathy P](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium until new rules set!
Date: Monday, May 06, 2019 9:05:15 AM

Dear County Commissioners,

I am among the scores of Boulder County residents who worked hard to pass SB19-181. Our elected representatives and senators from Boulder County were at the leadership of the effort to pass this legislation to modernize oil and gas regulations in Colorado, and to recognize the role of localities in controlling development within their borders.

Therefore, I request in the strongest polite language that you immediately enact a moratorium on oil and gas development in Boulder County until the rules are finalized. Upon the finalized rules, I'll ask that you continue to follow the spirit of the new law to ensure the health and safety of Boulder County residents and environment.

Thank you very much.

--

Kathy Partridge
2719 Denver Ave.
Longmont, CO 80503
303-594-6434

From: [Donna Werner](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on gas and oil permits
Date: Monday, May 06, 2019 9:09:33 AM

Dear Commissioners,

Please enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rule-making for the new Colorado law, SB19-181.

New drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

Thank you.
Donna Werner

From: [Stephanie Barnhizer](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Development, Boulder County
Date: Monday, May 06, 2019 9:23:32 AM

Dear Leadership,

Our lands once lost will no longer support an ecosystem crucial to the balance of life. It seems few developers are concerned with long-term sustainability, in favor of their short-term profits. They bite off their noses to spite their faces. With significant evidence of resource loss as a result of drilling and associated leaks, spills, and destruction of land and its structures, I have to wonder why there is a stubborn resistance to learning from our mistakes. It seems to me that you are poor economists at best and self-destructive at worst, for you lack the ability to do the math. Why are we selling off our best in favor of our worst? It befuddles me. The potential for integration and successful use of renewable resources offers an opportunity for Boulder to set the example, and yet this non-stop argument against continued ravaging and polluting. Be the change! Do not go down the old path to ruin. You can do this.

Sincerely,

Stephanie Barnhizer
2201 Pearl Street, #325
Boulder, CO 80302

From: [sue keston](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium
Date: Monday, May 06, 2019 10:57:21 AM

Please initiate a moratorium on oil and gas drilling now to ensure the safety of Boulder County residents.

Thanks

Sue Keston

Boulder

From: [sue keston](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: moratorium
Date: Monday, May 06, 2019 10:58:34 AM

Please initiate a moratorium on oil and gas drilling now to ensure the health and safety of Boulder County residents!

Thanks,

Sue Keston

Boulder

From: [Lynn Lyndon](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium needed
Date: Monday, May 06, 2019 11:08:01 AM

Boulder County needs to place a moratorium on oil and gas permits in light of recent legislative changes. The passage of SB19-181 renders the county's current regulations out of date, and it would be inappropriate to continue operating under those outdated regulations.

Placing a moratorium on permits until new regulations are implemented will allow Boulder County to honor both the spirit and letter of the law, while creating only a short term pause in permit processing for industry — A minor inconvenience in exchange for significant health and safety benefit.

Sincerely,

Lynn Lyndon
80503

From: [Susan](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium on Oil and Gas Permits
Date: Monday, May 06, 2019 11:44:35 AM

Dear County Commissioners,

It is incumbent upon you to see that you make decisions based on the new Colorado law, SB19-181. Please take the time needed to ensure that your actions fall within the rule of law by enacting a moratorium on all oil and gas drilling permits. The long view should include the health of the air, water, ground, and inhabitants. Protect and serve our county for future generations.

Why do we need a moratorium?

- Colorado Oil and Gas Conservation Commission (COGCC) and Air Quality Control Commission (AQCC) rule-making could take a year or more.
- After these rules are in place, Boulder County will need to revise its own regulations in response to state-level rule changes, and new local authority granted by SB19-181.
- Moratoria have already been enacted in Adams County, and the City of Lafayette. Boulder County should also take the time to explore how the new provisions of SB19-181 can protect health, safety, and the environment!

Thank you for your consideration.

Susan

Susan Pfretzschner
Communications Chair
Boulder Branch NAACP
303-440-6346 home
303-482-5961 cell

From: candacew@tclarsen.com
To: [Boulder County Board of Commissioners](#)
Subject: We need a moratorium!
Date: Monday, May 06, 2019 11:56:27 AM

We reside in the town of Erie but in Boulder County. Our park and neighborhood is surrounded with seismic test probes and thumper trucks are coming! Please help us. We are in boulder County because we share the Boulder concern for the environment and residents well-being. In Kenosha Farms, where we live, we have endured three fracking operations within a quarter mile of our home. We were exposed to noise all night long and odor all day long to the point where we could not be outdoors.

Please help us to place a moratorium on drilling in Boulder County!

Timothy and Candace Larsen
1313 Lombardi St
Erie, CO 80516

303-828-4637 H
720-841-5886 M
candacew@tclarsen.com

From: [Phyllis Hunt](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Monday, May 06, 2019 2:26:43 PM

To Boulder County Staff Members:

My husband, Harvey Gardiner, and I, Phyllis Hunt, would like to add our voices to request that Boulder County do everything in its power to protect the entire county from hydraulic fracturing/fracking. Specifically, we join with other residents of Niwot, Gunbarrel, and Heatherwood in beseeching the county to support and execute a moratorium immediately on any and all pending and future hydraulic fracturing/fracking activity. It **will** significantly impact these three communities along with water and air quality near and far.

I won't reiterate all the facts that you surely know quite well about the hazards hydraulic fracturing/fracking poses to human health, groundwater, surface water, aquifers, soil, air, and overall quality of life. I rather share this quote with you:

"Believe in truth. To abandon facts is to abandon freedom. If nothing is true, then no one can criticize power, because there is no basis upon which to do so. If nothing is true, then all is spectacle. The biggest wallet pays for the most blinding lights."

On Tyranny: Twenty Lessons From the Twentieth Century, 2017. By Timothy Snyder, Levin professor of history at Yale University.

We must find a way to stanch further destruction of our health and the natural world from the extractive oil and gas industry. It begins with educating ourselves and working together to clean up the mess. Swedish teenager Greta Thunberg clearly and directly calls out politicians, corporations, and others addicted to their greed at the expense of the planet and all living beings dependent on nature's cycles for life.

Sincerely,
Phyllis Hunt and Harvey Gardiner
7158 Christopher Court
Niwot, CO 80503

From: [Phyllis Hunt](#)
To: [Boulder County Board of Commissioners](#)
Subject: Oil & Gas Moratorium for Boulder County
Date: Monday, May 06, 2019 7:14:52 PM

Dear Boulder County Commissioners:

We join other residents in the Niwot, Heatherwood, and Gunbarrel communities who are requesting that the Boulder County Commissioners enact an immediate moratorium on drilling wells to allow for the necessary rule-making to be completed as is required by SB19-181. The rule changes will have an impact on local control, which is desperately needed as we face unprecedented destruction to the natural environment and negative impacts to human health, soil, air, and water from hydraulic fracturing/fracking in Boulder County. It's insane to ignore the science and to continue allowing the oil and gas industry to hold the planet and its inhabitants hostage. Those of us of sound mind must stand up to the industry's lies and deceptions.

Sincerely,
Phyllis Hunt and Harvey Gardiner
7158 Christopher Court
Niwot, CO 80503

From: [Laura Zungolo](#)
To: [Boulder County Board of Commissioners](#)
Subject: moratorium on oil and gas
Date: Monday, May 06, 2019 8:03:46 PM

To whom it may concern,

I am writing to share my support of a moratorium on all oil and gas permits until the the outcome of the rule making on law SB19-181. This will allow Boulder time to wait for the new rules and develop its own regulations.

It is my hope Boulder develops regulation that protect its resident's health, the environment and our housing market prices.

Thank for considering our children's futures,
Laura Zungolo

From: [David Takahashi](#)
To: [Boulder County Board of Commissioners](#)
Subject: FYI: Water use and Fracking
Date: Tuesday, May 07, 2019 9:34:18 AM
Attachments: [Ceres Summary Hydraulic Fracturing & Water Stress Water Demand by the Numbers Ceres.pdf](#)

Commissioners,

I have been concerned about the water usage for fracking and the fact that in a water challenged environment, we seem to be taking water out of the system due to storage in deep injection wells.

The information for what is happening is very difficult to find. I have found a source which I would like to share with you: please see attached. The information can be found on the Ceres website, which requires free registration.

Of particular interest is that our neighboring Weld County is quite the water consumer for its many wells!

Key Findings by County

Weld County, Colorado, Takes Top Spot in Water Use Nationally

My intention is to try to protect Boulder County from fracking by suggesting the costs of water utilization need to fully shouldered by the O&G concerns. I have tried to ask the COGCC to consider water health and safety in its object criteria.

I thought you would be interested in this research since facts are always good to have.

And an olympic sized pool holds around 660,000 gallons of water.

Onward
David

--

David Takahashi
326 29th Street
Boulder CO 80305

Hic Svnt Dracones Location/Time Zone: Boulder, CO/ Mountain

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Hydraulic Fracturing & Water Stress: Water Demand by the Numbers

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February 3, 2016

This Ceres research paper analyzes escalating water demand in hydraulic fracturing operations across the United States and western Canada. It evaluates oil and gas company water use in eight regions with intense shale energy development and the most pronounced water stress challenges. The report also provides recommendations to investors, lenders and shale energy companies for mitigating their exposure to water sourcing risks, including improvement of on-the-ground practices. The research is based on well data available at FracFocus.org and water stress indicator maps developed by the World Resources Institute, where water stress denotes the level of competition for water in a given region.

[DOWNLOAD THE REPORT](#)

2016 Report Update and Interactive Map

This update to Ceres' 2014 report, "[Hydraulic Fracturing and Water Stress: Water Demand by the Numbers](#)," is designed to help investors analyze key trends in water use and water risk exposure by region and operator. It also provides recommendations for companies to improve their water management and reduce their overall exposure to water sourcing risks.

Water stress is an indication of the level of competition for available water in an area. Extremely high water stress means over 80% of available surface and groundwater is already allocated for municipal, industrial and agricultural uses.

Key Findings

All findings are from January 1, 2011 – January 31, 2016, unless stated otherwise.

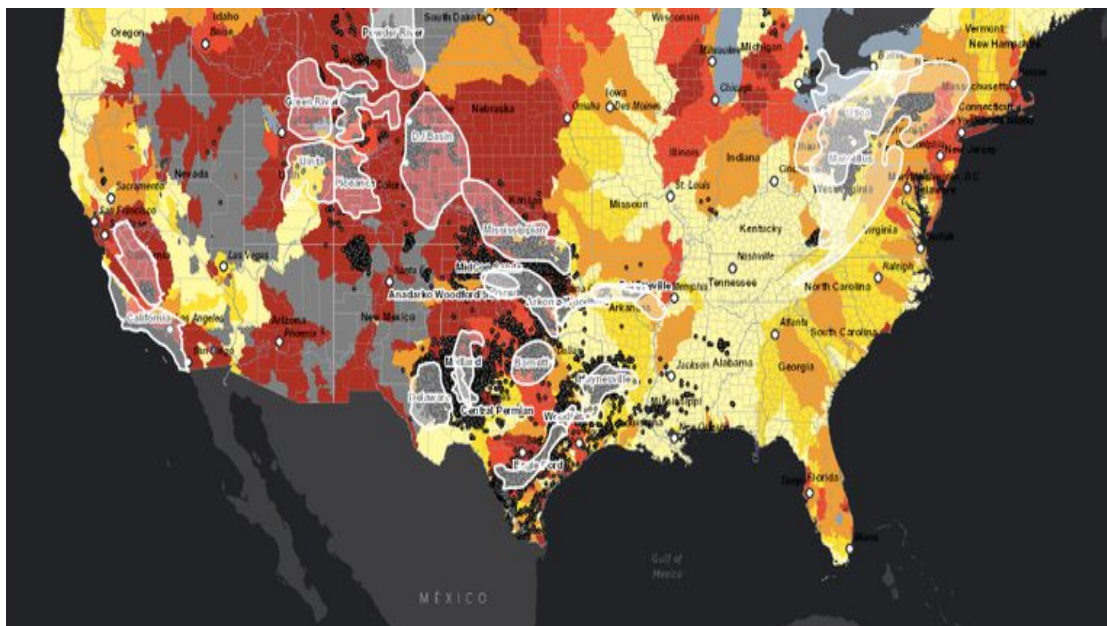
- **57% of the 109,665 wells** that were hydraulically fractured in the past five years were located in regions with **high or extremely high water stress**, including basins in **Texas, Colorado, Oklahoma and California**.
- A total of **358.4 billion gallons of water** was used for hydraulic fracturing, equivalent to the annual water needs of 200 mid-sized cities. [1]
- While overall water use peaked in 2014, **average water use per well doubled** from 2.6 million gallons per well in 2011 to 5.3 million gallons per well in 2015, most likely due to longer laterals used to increase contact area with the shale formation.

The region is also experiencing high water stress, drought and declining groundwater supplies, along with growing population pressures.

- **Weld County, Colorado** saw the highest number of wells drilled (almost 7000 wells) and the largest amount of water used for fracking (more than 16 billion gallons) of any county in the United States.
- **Local communities are at the front lines of dealing with the impact from water demands for fracking activities.** For example, annual water use for fracking in Weld County, Colorado represents 50 percent of all domestic water use, and in seven of the top 10 counties, annual water use for hydraulic fracturing reached more than 100% of each county's domestic water use
- **Nine of the top 10 companies** analyzed operated **70 percent or more of their wells** in regions with medium or higher water stress.
- The **large volumes of wastewater** produced by hydraulic fracturing that must be managed at the surface and ultimately disposed of in underground deep well injection sites are a significant and growing issue at the local level. This wastewater has been linked to surface and groundwater contamination events, as well as to earthquakes. [2]

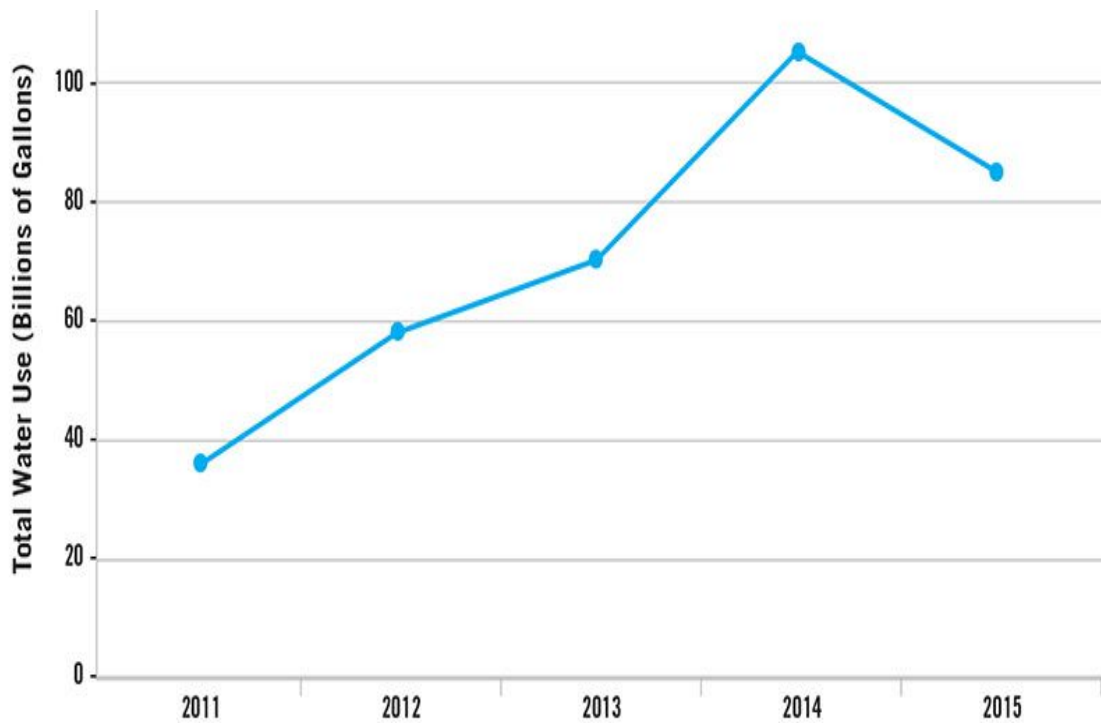
Map: Competition for Water in U.S. Shale Energy Development

Click to view full sized interactive map, including well locations and related water risk trends



Source: Ceres analysis using [WRI Aqueduct Water Risk Atlas](#) in combination with well data from IHS via [FracFocus.org](#). Data from January 2011-January 2016.

Key Findings: Total Water Use Fracking's Total Water Use Equal to Annual Water Needs of 200 Mid-Sized Cities



Source: Ceres analysis using WRI Aqueduct Water Risk Atlas in combination with well data from IHS via FracFocus.org. Data from January 1, 2011-December 31, 2015.

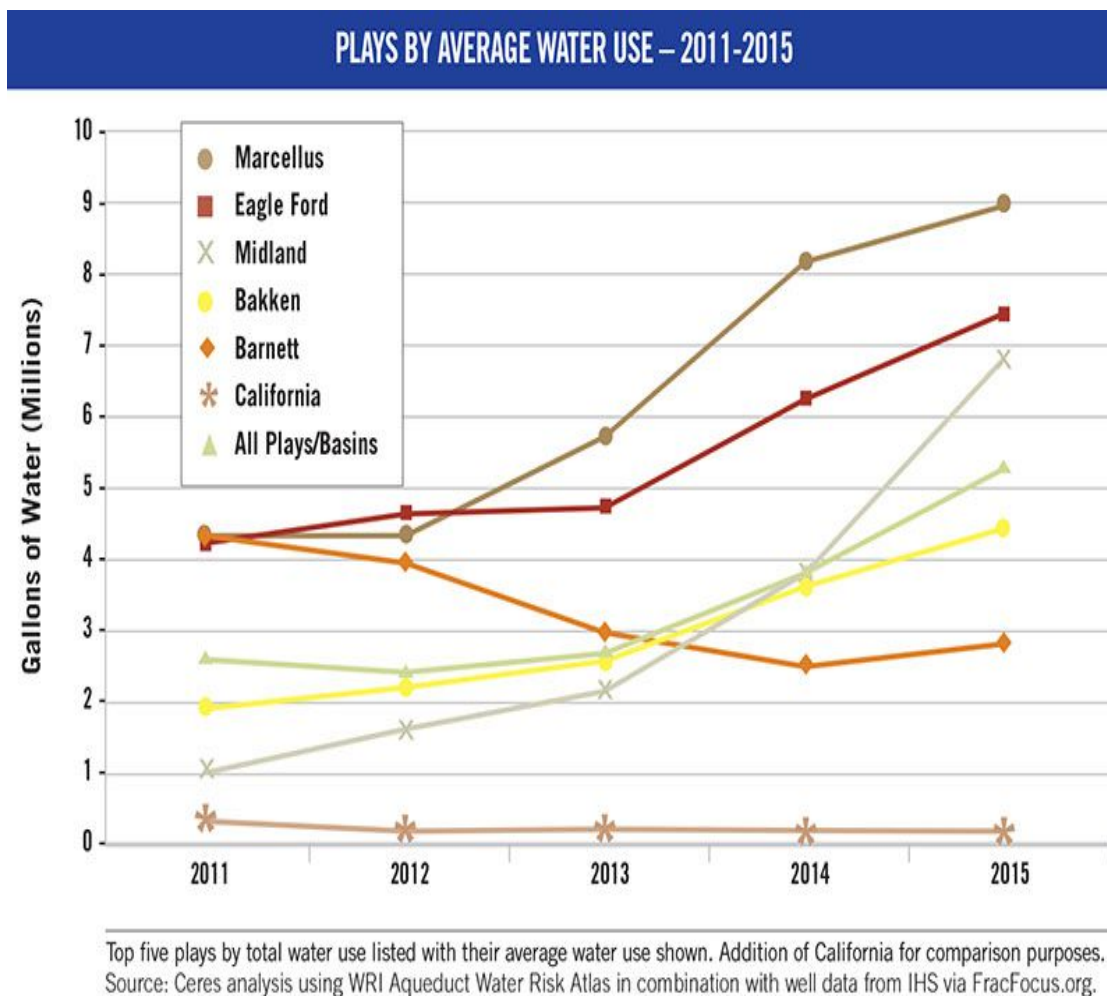
- A total of **358 billion gallons of water was used for hydraulic fracturing** over the 5-year timeframe, equivalent to the annual water needs of 200 mid-sized cities. [3] [4]
- **57% of water used for hydraulic fracturing was in regions of high or extremely high water stress.**
- **Total water use for fracking operations peaked in 2014** with 105 billion gallons of water used for 27,899 wells. While overall water use declined to 85 billion gallons in 2015, water use per well doubled. The overall drop is likely the result of reduced fracking activity due to lower oil and gas prices.
- **48% of fracked wells were in Texas**, with roughly half of these wells in regions of extremely high water stress.
- **82 billion gallons of water (or 25% of water use nationally) was used for fracking operations in the Eagle Ford Play**, 89% of which was taken from regions of high and extremely high water

use.

- **88% of water used in the Midland Play (Permian Region)** – the third highest play by total water use for hydraulic fracturing – was in regions of extremely high water stress. [5]

Key Findings: Average Water Use

Average Water Use Continues to Surge Across Basins and the Industry

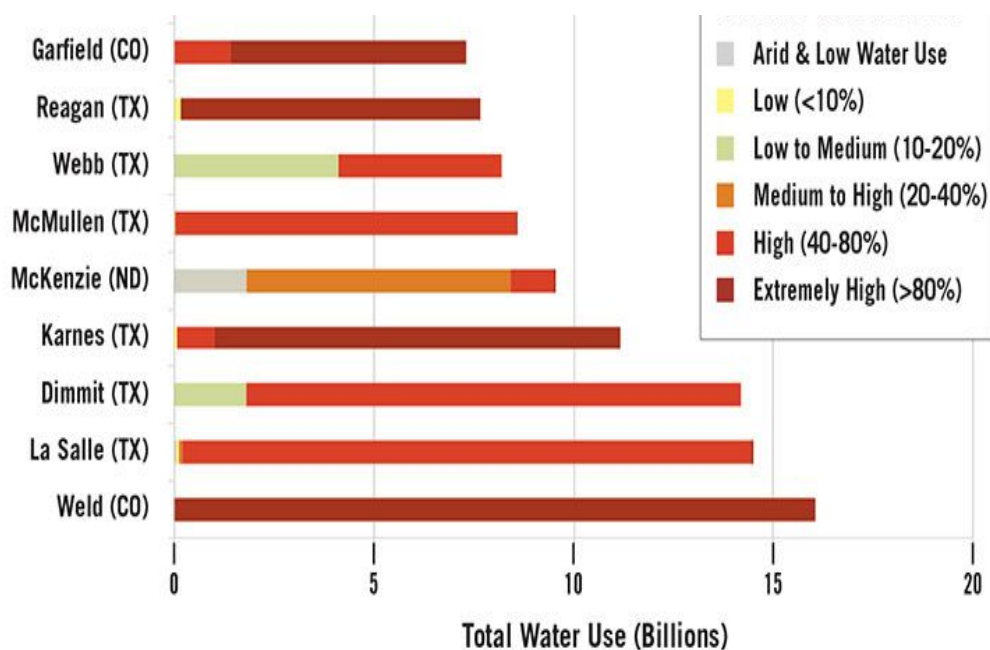


formation. Opturnally, water use per unit of energy produced or per meter of lateral pipe laid would be a better indicator of water use efficiency. Overall average water use varies by energy source (oil much lower than gas), the geology of a particular region, operator practices, among potentially many other factors. [6]

- **Average water use was highest in the Marcellus Play** at an average of 9 million gallons per well for 2015, followed by the Eagle Ford and Midland Plays. The Eagle Ford Play was cited at highest risk in [the 2014 study](#), due to drops in groundwater levels, drought and competition for water. Concerns are more heightened now given the ever-increasing trend in water use.

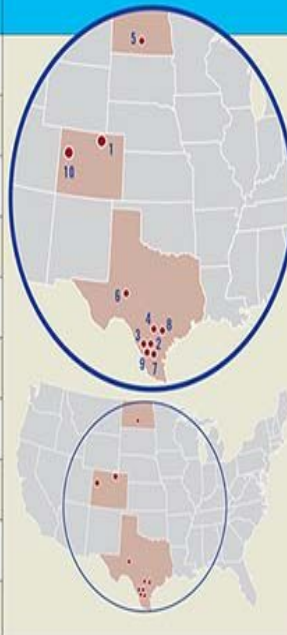
Key Findings by County

Weld County, Colorado, Takes Top Spot in Water Use Nationally



Source: Ceres analysis using WRI Aqueduct Water Risk Atlas in combination with well data from IHS via FracFocus.org. Data from January 2011-January 2016.

- **6930 wells were hydraulically fractured in Weld County (CO)** using over 16 billion gallons of water, all of which were in areas with extremely high water stress.
- **Six of the top 10 counties by total water use were in the Eagle Ford**, a region of highly concentrated drilling activity, water stress, drought and groundwater concerns.
- In many of the 10 highest water use counties, **water use for fracking was significantly more than domestic water use**, highlighting the potential local burden on communities.
- In seven of the top 10 counties, **annual water use for hydraulic fracturing reached over 100%** of each county's domestic water use.

(Billion Gallons)*			Domestic Water Use				
1. Weld (CO)	252,825	4.8	8.9	54%	6,930	Anadarko, Noble	
2. La Salle (TX)	6,886	3.4	0.2	1550%	2,215	EP, EOG	
3. Dimmit (TX)	9,996	3.0	0.3	990%	2,291	Anadarko, Chesapeake	
4. Karnes (TX)	14,824	2.9	0.5	627%	2,281	EOG, Marathon	
5. McKenzie (ND)	6,360	2.8	0.2	1487%	2,809	Continental, ExxonMobil	
6. Reagan (TX)	3,367	2.5	0.1	1869%	1,481	Laredo, Pioneer	
7. McMullen (TX)	707	1.9	0.0	5196%	1,510	EOG, Murphy	
8. DeWitt (TX)	20,097	1.8	0.7	251%	1,312	BHP Billiton, ConocoPhillips	
9. Webb (TX)	250,304	1.7	5.9	28%	1,584	SM, Lewis	
10. Garfield (CO)	56,389	0.6	2.7	22%	2,416	Encana, WPX	

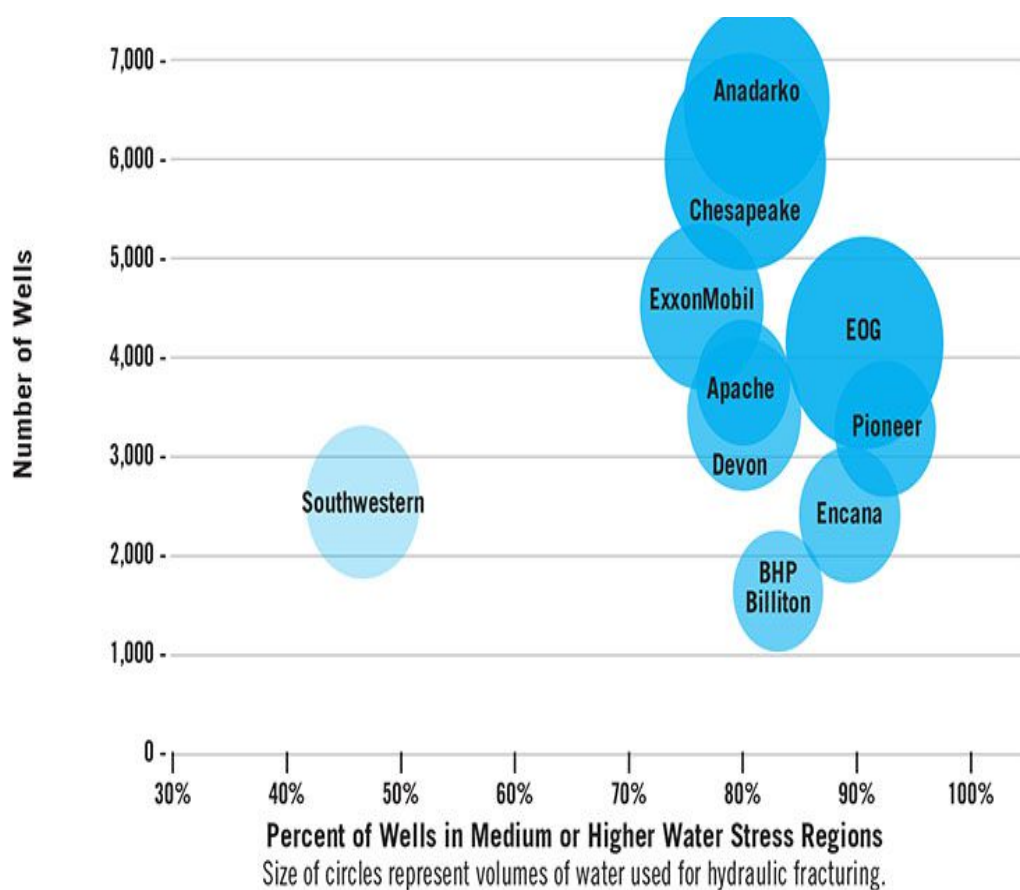
* Hydraulic fracturing annual water use for 2015. Water may have been sourced from outside county and from non-freshwater sources.

** All county-level withdrawal data (i.e. domestic supply) is from USGS 2010 national water survey.

Water use for hydraulic fracturing for 2015 is compared to total domestic use for 2010, the most recent year for which data was available. Counties with large populations tended to have lower proportions of water use for fracking due to large urban demand.

Key Findings by Company

Chesapeake, EOG and Anadarko Have the Largest Reported Water Use



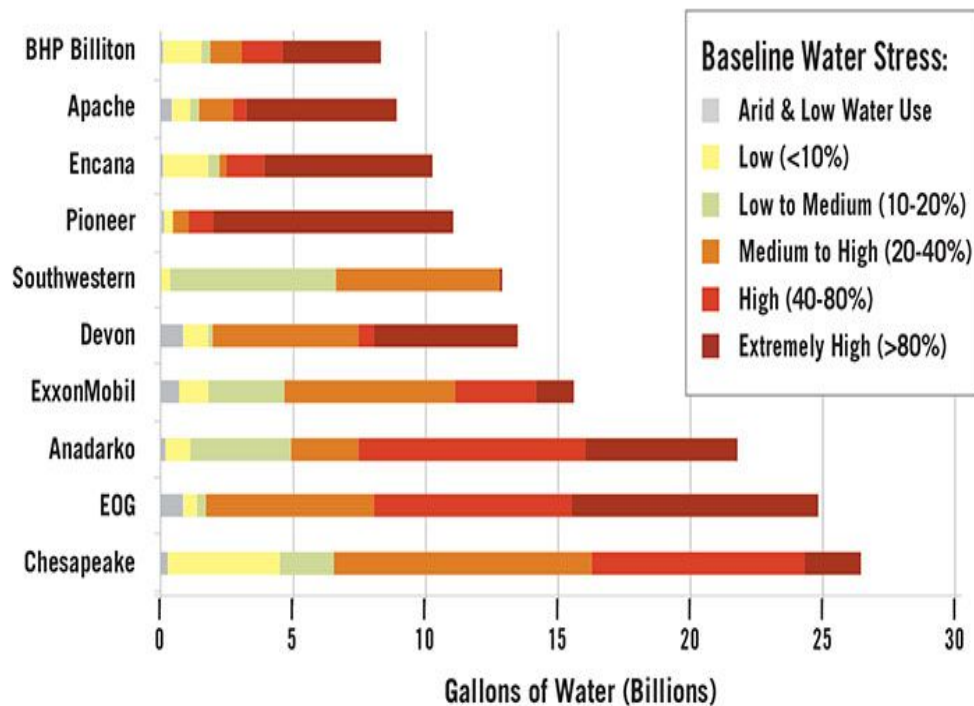
Source: Ceres analysis using WRI Aqueduct Water Risk Atlas in combination with well data from IHS via FracFocus.org. Data from January 2011-January 2016.

- **Chesapeake used over 26 billion gallons of water**, the most of any operator, followed closely by EOG Resources [EOG] and Anadarko [APC].
- Nine of the top 10 companies by water use operated 70% or more of their wells in regions of medium or higher water stress.
- **91% of EOG's wells were in regions with medium or higher water stress**, while Pioneer Natural Resources [PXD] and Encana [ECA] had greater than 80% of their wells in medium or higher water stress regions.
- EOG Resources [EOG], Southwestern [SWN] and BHP Billiton [BHP] used the most water on average per well, upwards of **5 million gallons each**.
- Of the top 10 operators by total water use, Apache [APA] uses the least amount of water per well, just under 2.4 million gallons.

that **average water use varies widely by operator in each play**. For example, in the Eagle Ford Play, Chesapeake averaged almost 5 million gallons of water across approximately 1,500 wells, while EOG Resources used on average over 7 million gallons over 1,900 wells in the same play.

- A similar pattern occurs in the Midland Basin with Devon Energy [DVN] and Encana [ECA] averaging **5 million gallons per well** in comparison to Apache's less than 3 million gallon average. Experience in the region and investment in water efficiency measures may help explain these differences.

TOP TEN OPERATORS BY WATER USE & EXPOSURE TO WATER STRESS



Source: Ceres analysis using WRI Aqueduct Water Risk Atlas in combination with well data from IHS via FracFocus.org. Data from January 2011-January 2016.



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PLAY Operator Ticker Mkt Cap (millions)*	EAGLE FORD Total Water Use (G) Average Water/Well # of Wells	MARCELLUS Total Water Use (G) Average Water/Well # of Wells	MIDLAND Total Water Use (G) Average Water/Well # of Wells	BAKKEN Total Water Use (G) Average Water/Well # of Wells	BARNETT Total Water Use (G) Average Water/Well # of Wells	DI BASIN Total Water Use (G) Average Water/Well # of Wells	HAYNESVILLE Total Water Use (G) Average Water/Well # of Wells	DELAWARE Total Water Use (G) Average Water/Well # of Wells	ANADARKO WOODFORD/SLOOP Total Water Use (G) Average Water/Well # of Wells	FAYETTEVILLE Total Water Use (G) Average Water/Well # of Wells	ALL OTHER PLAYS Total Water Use (G) Average Water/Well # of Wells	TOTAL VOLUME Total Water Use (G) Average Water/Well # of Wells
Chesapeake Energy Corp. CHK \$4,740	7,810,215,164 4,936,925 1,582	4,419,223,442 5,694,876 776	66,025,806 1,048,029 63	12,871,572 2,145,262 6	2,336,568,771 3,862,097 605	53,943,010 2,157,720 25	2,654,722,751 5,912,523 449	273,020,498 2,084,126 131	97,112,358 2,697,566 36	182,939,072 3,976,936 46	8,514,131,029 3,706,631 2,297	26,420,773,473 4,381,751 6,816
EOG Resources Inc. EOG \$47,680	13,974,583,863 7,233,221 1,932	285,199,653 3,034,039 94	1,711,300,825 9,300,548 184	1,722,398,313 4,693,183 367	3,692,208,231 4,745,992 759	443,081,352 5,152,109 86	707,308,219 7,858,980 90	1,288,106,291 6,679,307 193	111,269,566 4,279,596 26		1,033,181,578 2,295,959 450	24,879,637,831 5,950,643 6,601
Anadarko Petroleum Corp. APC \$27,250	9,855,890,379 7,338,712 1,343	1,205,568,811 3,864,003 312	1,344,868 112,072 12			5,748,341,704 2,541,265 2,262	2,631,540,158 8,830,672 298	1,379,264,580 4,449,241 310			931,352,265 451,237 2,064	21,753,302,765 3,295,456 6,601
Exxon Mobil Corp. XOM \$357,420	211,162,431 3,640,732 58	1,371,592,994 6,234,514 220	1,122,703,179 7,061,026 159	1,942,484,423 3,073,551 632	207,921,501 3,900,966 533		1,553,009,159 9,469,568 164	140,168,065 2,061,295 68	2,633,525,286 7,677,916 423	2,752,391,650 6,506,836 423	2,007,852,093 991,042 2,026	15,814,104,291 3,418,527 4,626
Devon Energy Corp. DVN 22,330	451,206,225 6,266,753 72		1,638,762,889 5,444,395 301		4,103,610,144 3,864,040 1,062	13,974,982 2,329,164 6	215,749,614 2,538,231 85	1,082,807,036 2,455,345 441	1,968,595,422 5,640,675 349		3,992,059,892 3,548,498 1,125	13,466,766,204 3,913,620 3,441
Southwestern Energy Corp. SWN 6,690		2,564,033,622 6,491,224 395		829,062 414,531 2		4,881,601 813,600 6	15,950,322 2,658,387 6			10,222,591,341 4,865,584 2,101	48,748,035 1,874,924 26	12,857,033,983 5,069,808 2,536
Pioneer Natural Resources Co. PXD 29,720	2,620,313,030 4,288,565 611		7,296,628,528 3,340,947 2,184		739,185,097 4,223,915 175	3,462,984 1,154,328 3					327,883,180 1,100,279 298	10,987,472,819 3,359,056 3,271
Encana Corp. ECA 8,070	702,045,074 7,020,451 100		847,485,455 5,296,784 160		240,775,920 6,507,457 37	1,323,481,727 1,721,043 769	1,516,874,262 8,819,036 172				5,570,119,683 4,748,610 1,173	10,200,782,121 4,230,934 2,411
Apache Corp. APA 18,720	378,710,401 10,519,733 36		4,438,632,993 2,834,376 1,566	1,280,591 640,476 2			101,863 101,863 1	1,211,497,987 1,547,252 783	108,729,962 4,530,415 24		2,803,259,632 2,090,425 1,341	8,942,213,789 2,382,684 3,753
BHP Billiton Ltd. BHP 80,190	5,207,838,243 4,629,190 1,125		142,001,785 8,875,112 16				1,430,812,771 7,083,232 202	737,650,824 5,464,080 135		693,704,568 4,784,169 145	16,980,629 3,396,126 5	8,228,088,820 5,054,661 1,628
All Other Operators	40,857,121,422 5,219,356 7,828	35,869,648,121 6,515,831 5,505	26,197,397,512 2,615,294 10,017	24,598,970,191 2,954,476 8,326	4,740,004,733 2,193,431 2,161	9,369,620,049 2,220,815 4,219	5,934,539,303 4,468,780 1,328	9,353,815,421 2,480,460 3,771	9,754,175,241 4,421,657 2,206	669,021 133,804 5	38,135,161,065 1,476,259 25,835	204,815,122,079 2,876,576 71,201
Totals	82,089,086,232 5,587,873 14,687	45,715,266,643 6,260,650 7,302	43,462,283,840 2,964,281 14,662	28,278,834,512 3,029,334 9,335	17,841,567,507 3,346,131 5,332	16,960,787,409 2,298,456 7,376	16,660,688,422 5,960,862 2,785	15,467,330,782 2,852,148 5,832	14,673,487,775 4,917,362 2,984	13,852,295,652 5,092,756 2,720	63,384,729,101 1,728,933 36,640	358,366,198,185 3,267,827 100,665

Wastewater and Earthquakes a Significant Concern

Fracking wastewater is a growing issue. It is often laden with fracking fluid chemicals and additional contaminants of concern like radionuclides. Over time wells produce much more wastewater than oil or gas (often 10 to 1). Water management costs and issues will therefore continue to rise, despite declines in production at many sites.

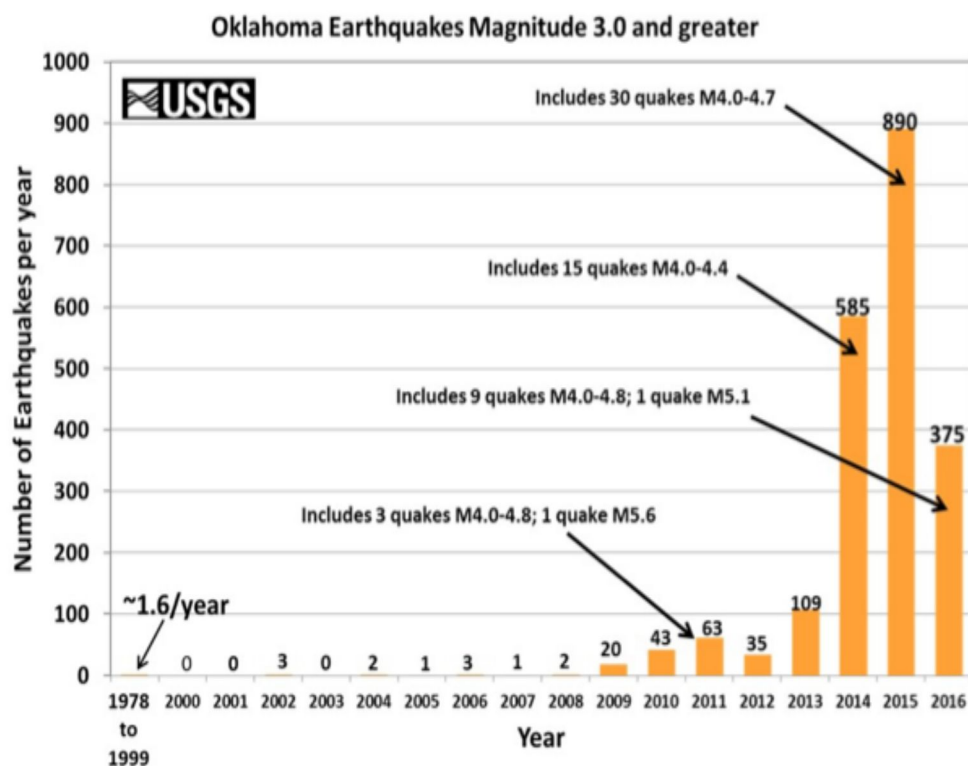
The volume of wastewater returning to the surface varies widely, depending on geology. In some regions wells return almost nothing, while in others virtually all water is returned.

Wastewater risks are not unique to fracking and shale energy

Boulder County oil/gas public comments from Jan. 1, 2019 through June 26, 2019 | Page 92 of 155

Wastewater returned to the surface is most often disposed of through deep well injection. However these disposal sites – estimated at 680,000 in all, nationally – are not a foolproof solution. [7] Incidents have occurred, such as leakage into aquifers, surface water contamination, and induced earthquakes.

Oklahoma has literally been the epicenter of earthquake activity linked to wastewater disposal, with significant quakes (3+ magnitude) increasing from approximately two per year before 2009 to close to 890 in 2015 (USGS). A similar pattern has been developing in Canada, in particular near Northeastern British Columbia and Northwestern Alberta, where the number of earthquakes has increased from zero per year in 1990, to almost 350 earthquakes in 2015. [8] [9]



Source: "Oklahoma Earthquakes Magnitude 3.0 and Greater." USGS-NEIC ComCat & Oklahoma Geological

allowed to process fracking wastewater, a major obstacle that industry, local regulators and communities must overcome is how to deal with the risks posed by ever growing volumes of wastewater, especially if deep well injection is no longer viable. In other regions of the world, such as the European Union, deep well injection sites are prohibited. Commercial and onsite recycling and treatment solutions will have to play a bigger role moving forward. And operators may have to walk away from well development in certain regions due to lack of wastewater disposal options.

RECOMMENDATIONS

Given the significant water risks operators are facing in the shale energy sector, investors and lenders need to understand how those water risks could impact their investments. The following recommendations capture crucial steps companies should take to lessen their water impacts and reduce exposure to water risks.

- **Disclose to investors, stakeholders and regulators:** the percentage of current and future expected revenues and operations that are in regions of water risk or wastewater management challenges; how the company is assessing water risks internally and mitigation measures such as recycling and water efficiency programs.
- **Implement operational practices to minimize water use and wastewater risks;** collaborate with industry peers and other industries on local water sourcing challenges; develop local source water protection plans; minimize the use of aquifer exemptions and deep well injection disposal sites due to earthquake risks.
- **Engage with stakeholders,** including: local communities on water needs and waste water plans before starting operations and after they begin; local and regional regulators on water challenges; employees and suppliers to provide incentives for reducing water use.

companies for mitigating their exposure to water sourcing risks, including improvement of on-the-ground practices, see:

- **Report: Ceres' Hydraulic Fracturing & Water Stress: Water Demand by the Numbers**

METHODOLOGY

This interactive map and accompanying text and figures build upon Ceres' 2014 analysis of water use trends in hydraulic fracturing, "*Hydraulic Fracturing and Water Stress: Water Demand by the Numbers*." It evaluated water use in hydraulic fracturing operations in the 20 largest and most active basins across the continental United States, in addition to the Monterey Basin in California. The research is based on well data available from [FracFocus.org](#), via IHS (formerly PacWest Consulting Partners) and water stress data provided through the World Resources Institute's [Aqueduct Water Risk Atlas](#).

The analysis is based on the water-use data of 109,665 oil and shale gas wells hydraulically fractured between January 1, 2011 and January 31, 2016. All graphs and charts display analysis of the data over that timeline, except when the graph displays information over time, in which case the dates are January 1, 2011 – December 31, 2015. Only wells in the contiguous United States were included in this analysis, and certain offshore wells were excluded based on latitude and longitude parameters or if obvious errors in the data existed.

The data included the following parameters for each well: API number, fracture date, state, county, associated play or basin, latitude and longitude, production type, total vertical depth, water volume used in hydraulic fracturing, operator name and service provider name.

Due to changes in taxonomic classification, the "Permian Basin"

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company.

Acknowledgements

Ceres wishes to thank World Resources Institute for providing the water stress information in Excel format, IHS for providing the data, and Blue Raster for the development of the interactive map.

We also wish to thank our colleagues who provided valuable insights and assistance: Brooke Barton, Andrew Logan, Shanna Cleveland, Meg Wilcox, Siobhan Collins, Peyton Fleming, Brian Sant, Tessa Castellani, and Sara Sciammacco. We are particularly grateful to Emily Connor for her tireless effort in conducting data analysis and background research.

Lastly, we wanted to extend special thanks to Rich Liroff (IEHN) and James D. Bradbury PLLC for reviewing the map and analysis, Ted Auch (FracTracker) for his assistance with the data and Stephen Heim (Boston Common Asset Management) for his support.

For more information, please contact:

Monika Freyman at freyman@ceres.org

Lital Kroll at kroll@ceres.org

NOTES:

[1] Extrapolating from the EPA's estimates that "70 to 140 billion gallons required for hydraulic fracturing being equivalent to the total amount of water used each year in roughly 40-80 cities with a population of 50,000" in EPA's Draft Plan to Study the Potential Impacts of Hydraulic Fracturing on Drinking Water Resources, February 2011.

[2] Source: Andrew Kondash and Avner Vengosh, Water Footprint of Hydraulic Fracturing, Environmental Science and Technology letters, 2015, 2-276-280 <http://pubs.acs.org/doi/ipdf/10.1021/acs.estlett.5b00211>

saline or wastewater.

[5] Due to changes in taxonomic classification, the “Permian Basin” referenced in the 2014 report, is divided in this report into the “Central Permian,” “Delaware,” and “Midland” plays.

[6] Tanya J. Gallegos et al, Hydraulic fracturing water use variability in the United States and potential environmental implications, Water Resources Research, AGU Publications, July 24 2015, 10.1002/2015WR017278

[7] Abrahm Lustgarten, “Poisoning the Well: How the Feds Let Industry Pollute the Nation’s Underground Water Supply,” ProPublica, December 11, 2012.

[8] “Oklahoma Earthquakes Magnitude 3.0 and Greater.” USGS-NEIC ComCat & Oklahoma Geological Survey, June 22, 2016. Accessed September 22, 2016. <http://earthquake.usgs.gov/earthquakes/byregion/oklahoma/OKeq-graph-M3-06-22-2016.jpg>

[9] Andrew Nikiforuk, “Fracking Industry Has Changed Earthquake Patterns in Northeast BC,” The Tyee, July 21, 2015, accessed September 21, 2016. <http://thetyee.ca/News/2015/07/21/Fracking-Industry-Changed-Earthquake-Patterns/>

Executive Summary

Hydraulic Fracturing & Water Stress: Water Demand by the Numbers

This Ceres research paper analyzes escalating water demand in hydraulic fracturing operations across the United States and western Canada. It evaluates oil and gas company water use in eight regions with intense shale energy development and the most pronounced water stress challenges. There portal so provides recommendations to investors, lenders and shale energy companies for mitigating their exposure to water sourcing risks, including improvement of on-the ground practices. There search is based on well data available at FracFocus.org and water stress indicator maps developed by the World Resources Institute, where water stress denotes the level of competition for water in a given region.¹

The U.S. portion of the analysis is based on hydraulic fracturing water-used at a from 39,294 oil and shale gas wells hydraulically fractured between January 2011 through May 2013, as reported to the website

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companies reporting to FracFocus in the United States, Chesapeake (ticker:CHK) had the largest amount of water use reported, using nearly 12 billion gallons, followed by EOG Resources (EOG), XTO Energy (owned by Exxon, XOM) and Anadarko Petroleum (APC). Halliburton (HAL), a service provider to many shale energy operators, handled the largest volume of hydraulic fracturing water overall, nearly 25 billion gallons, over a quarter of the water used for hydraulic fracturing nationally, followed by Schlumberger (SLB) and Baker Hughes (BHI).

1FracFocus well data was obtained via Pac West Consulting Partners' FracDB database and all water stress data and maps were from World Resource Institutes' Aqueduct Water Risk Atlas, available at <http://pacwestcp.com/research/fracdb/> and <http://www.wri.org/our-work/project/aqueduct>, respectively.

2 Eleven states director allow operators to report to FracFocus including Texas, Colorado, Pennsylvania, North Dakota, South Dakota, Mississippi, Louisiana, Oklahoma, Ohio, Utah, Montana and two Canadian provinces, Alberta and British Columbia. Reporting to FracFocus is still voluntary in other jurisdictions. The fact that reporting to the site remains voluntary in some jurisdiction means our data base may lead to under reporting of water use. Source: Konschnik, Kate, Margaret Holden and Alexa Shasteen, "Legal Fractures in Chemical Disclosure Laws," Harvard Law School Environmental Law Program, April 23, 2013.

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Ending Deforestation at the
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The Role of Investors in
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From: [Jill Goodwin](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Non-Regulated Seismic Testing in Erie
Date: Wednesday, May 08, 2019 12:19:45 PM

To the Boulder County Commissioners monitoring O&G,

As a Boulder County resident living in the town limits of Erie, CO, I have questions and concerns that I can't find answers to in regards to the Seismic testing happening in Erie.

Attached is the map with the referenced zones. Note that I live in the Cottonwood Vista neighborhood, along Austin between 119th and County Line Road. My home is shown in Zone 13 of the Seismic Testing Map. There are no callouts on this map in my immediate area for source or receiver devices, however there are several of them located along Austin behind my home (HOA property).

Question 1: There are testing devices all over our HOA Property and our HOA Board was not notified as stated in the communications from Erie (which were very last minute). I am on the board and we have had several emails and not single board member, nor our property management company, was notified or has since been notified. What are our rights/best course of action as an HOA board? As stated above, there are also no source or receiver icons shown on the map where these devices currently exist.

Question 2: I definitely live within 300' of one of the devices on HOA property (it's immediately on the other side of my backyard fence along Austin). We were never notified by door hanger of the testing as specified in the town communications. What are our rights/best course of action as a citizen/resident?

Question 3: Since Sunday, I keep getting evening emails each day that my Zone will be impacted by the testing the following day. This is not adequate notice...Monday-Wednesday now of having to take the precautions necessary at home to make sure my health compromised dog doesn't literally have a heart attack from the sound and vibrations of the testing (basically, having to drug her). Not only does this make me angry on so many levels, but why are we still on the testing list? Does this mean they have found a repository near us? I don't understand how this can be allowed and how we are supposed to make the necessary preparations.

Question 4: I know Boulder County has setback rules. How does this affect what is happening in Erie? We specifically chose to live in Boulder County for this reason so I'm just curious to learn more about how the city decisions affect the county rules/laws. Plus, how can Erie and the testing company not follow the protocol they are communicating to their residents (not notifying as stated, not asking permission as stated, testing in areas not on the map, etc.).

Thank you in advance for any advice/resources you may have. I've done a lot of reading on the matter, and it's all very frustrating. I'm also a little concerned that with

our clay based soil, the testing is going to cause foundation issues. I have asked locally and I am not getting any answers. Such a helpless feeling.

Jill Goodwin-Helgersen
1623 Harris Court, Erie, CO 80516
970-310-5974

From: [Jill Goodwin](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Re: Non-Regulated Seismic Testing in Erie
Date: Wednesday, May 08, 2019 12:25:55 PM

I apologize, I forgot to attach the map. Here is the link: <https://www.erieco.gov/1547/Seismic-Testing>.

Note that the chart on this link only shows through today. This is what they update each night for the next day. Zone 13 has appeared Monday-Wednesday.

Thank you.

Jill Goodwin-Helgerson

On Wednesday, May 8, 2019, 12:19:06 PM MDT, Jill Goodwin <jillsgoodwin@yahoo.com> wrote:

To the Boulder County Commissioners monitoring O&G,

As a Boulder County resident living in the town limits of Erie, CO, I have questions and concerns that I can't find answers to in regards to the Seismic testing happening in Erie.

Attached is the map with the referenced zones. Note that I live in the Cottonwood Vista neighborhood, along Austin between 119th and County Line Road. My home is shown in Zone 13 of the Seismic Testing Map. There are no callouts on this map in my immediate area for source or receiver devices, however there are several of them located along Austin behind my home (HOA property).

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Question 4: I know Boulder County has setback rules. How does this affect what is happening in Erie? We specifically chose to live in Boulder County for this reason so I'm just curious to learn more about how the city decisions affect the county rules/laws. Plus, how can Erie and the testing company not follow the protocol they are communicating to their residents (not notifying as stated, not asking permission as stated, testing in areas not on the map, etc.).

Thank you in advance for any advice/resources you may have. I've done a lot of reading on the matter, and it's all very frustrating. I'm also a little concerned that with our clay based soil, the testing is going to cause foundation issues. I have asked locally and I am not getting any answers. Such a helpless feeling.

Jill Goodwin-Helgerson
1623 Harris Court, Erie, CO 80516
970-310-5974

MAY 13 2019

May 3, 2019

REC'D BY _____
TIME _____

Boulder County Commissioners
1325 Pearl Street
Boulder, Colorado 80302

Dear Boulder County Commissioners,

Please enact an immediate moratorium on all oil and gas permits, pending the outcome of new state and local rule-making.

I am a resident of the Heatherwood neighborhood in unincorporated Boulder County. I am extremely concerned about the threat of expanded oil and gas development in and near my neighborhood, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. Since we are not protected by any city or town regulations, my neighbors and I desperately need YOUR HELP in our efforts to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the COGCC is beginning the long process of rule-making, which could take a year or more. The Colorado Air Quality Control Commission (AQCC), part of the Colorado Department of Public Health and Environment (CDPHE), will also need to draft new rules regarding emissions. It is critical that Boulder County also look at its rules and regulations regarding oil and gas development, in light of state level rule changes and the new local authority granted by the law. We need to push the envelope to see what protections the new bill offers us!

Let's join Adams County and City of Lafayette who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for new rules to be drafted, and to provide opportunity for public participation in this process.

Thank you,



Sarah Doroff
7764 Durham Circle
Boulder, Colorado 80301

From: [Shavonne Blades](#)
To: [Boulder County Board of Commissioners](#)
Subject: Thumpers came through and still are
Date: Sunday, May 12, 2019 7:00:48 PM

Now that 181 passed Commissioners have the ability to pass a "pause" to access.

Please do so, Thumpers are invading our communities.

<https://www.thedenverchannel.com/news/contact7/oil-and-gas-thumping-trucks-rattle-colorado-homeowner>

--

[Book a meeting with me](#) 

Shavonne Blades
[yellowscene/yellowhouse](#)
(303) 828.2700 x500 **MAGAZINE**
c: 720.470.9098

[A sampling of YS Unique Designs](#)

Check out our [YouTube Channel](#) featuring our
Marketing Seminar and Cannabis Symposium and other goodies!

From: [Glenda O'Rourke](#)
To: [Boulder County Board of Commissioners](#)
Subject: Moratorium on oil and gas
Date: Monday, May 20, 2019 10:32:26 PM

I am a resident here in boulder county and I am asking for a moratorium on oil and gas development until all rule-making for SB181 is completed.

More towns are imposing moratoriums. Boulder County certainly can as well.

Glenda O'Rourke, 80301

Sent from my iPhone

From: [Arik Markus](#)
To: [Boulder County Board of Commissioners](#)
Subject: From a Boulder resident
Date: Tuesday, May 21, 2019 10:29:28 AM

Hello to my county commissioners!

As a resident of the City of Boulder and, of course, Boulder County, I respectfully ask that you place a moratorium on all oil and gas development until all rule-making for SB181 is completed.

My family and I live in Heatherwood in northeast Boulder and my son is a student at Heatherwood Elementary. I know that Crestone is seeking to build wells (including fracking wells) in open space near our local school and our neighborhood, putting put our health and safety in danger, as well as that of the many species of migratory birds and animals who need their habitat protected as well. A moratorium will protect us until legislation is settled.

I would appreciate the opportunity to further discuss my concerns and am happy to visit the commission's offices for a face-to-face meeting. I can also be reached on my cell phone at 415/424.2173.

Thank you,
A

Arik Markus

This e-mail, including attachments, contains information that is confidential and may be protected by attorney/client or other privileges. This e-mail, including attachments, constitutes non-public information intended to be conveyed only to the designated recipient(s). If you are not an intended recipient, please delete this e-mail, including attachments, and notify the sender. The unauthorized use, dissemination, distribution or reproduction of this e-mail, including attachments, is prohibited and may be unlawful.

From: [Barbara Comstock](#)
To: [Boulder County Board of Commissioners](#)
Subject: OIL AND GAS MORATORIUM
Date: Friday, May 24, 2019 11:18:50 AM

Please institute a moratorium on oil and gas drilling permits immediately to insure time for rules to be drafted and to allow public input . Oil and gas fracking operations are an immediate threat to the health and well being of the county and until we have adequate protections we should not allow new operations to start up.

Thank you

Barbara Comstock
8116 Dry Creek Circle
Niwot CO 80503
303 652 2114

From: [Wufoo](#)
To: [Boulder County Board of Commissioners](#)
Subject: Contact County Commissioners [#1066] - [Name: Merlin, Kate] Re: COGCC Rulemaking Prehearing Statement
Date: Thursday, May 30, 2019 10:52:26 AM

Name * Kate Merlin

Email * kate@katemerlinlaw.com

Organization (optional) Colorado Environmental Advocates

Address or General Area (optional)  3100 Arapahoe Ave., Ste. 410
Boulder, CO 80303
United States

Phone Number (optional) (720) 965-0854

Subject * COGCC Rulemaking Prehearing Statement

Comments, Question or Feedback *

Dear Commissioners,

Thank you for Boulder County's participation in the stakeholder process for revisions to the COGCC rules following the passage of SB-181 this spring. I have been working to promote health and safety rules in the statewide and local regulation of oil and gas for several years.

I wanted to share with you my prehearing statement for the first of the rule makings that will come out of SB-181, to the 500-series governing practice and procedure before the Commission. As an attorney I deeply believe that the importance of procedure actually exceeds the value of any given substantive rule.

I'm concerned about the extremely limited nature of the revisions to the practice and procedure rules, which have long favored industry to an unreasonable degree. Given the changes in the statute that elevate public health, safety, and welfare as the paramount goal of regulation I believe much more extensive changes are required to correct these long-standing imbalances of power.

I hope that Boulder County will support my prehearing statement and work to seek greater protections from the COGCC during these rule making proceedings.

Best regards,
Kate Merlin

Attach a File (optional)



[cea_prehearing_statement.pdf](#)

158.88 KB • PDF

Please check box below *

- ☐ I acknowledge receipt of the Open Records Notification

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

IN THE MATTER OF CHANGES TO
THE) RULES PRACTICES AND)
PROCEDURES OF THE OIL & GAS)
CONSERVATION COMMISSION OF)
THE STATE OF COLORADO

Cause No. 1R
Docket No. 190600531
Type: Rulemaking

PREHEARING STATEMENT OF COLORADO ENVIRONMENTAL ADVOCATES

Statement of Interest

This is the Prehearing Statement of Colorado Environmental Advocates (“CEA”), a law firm dedicated to protecting Colorado’s environment and the health, safety, and welfare of its people. It represents individuals and non-profit organizations before the COGCC, as well as in judicial proceedings against the COGCC and industry.

Statement of Party Position

The 500 series rules of practice and procedure govern how the Commission operates. Procedure can be fairly described as *superior* in importance to any substantive rules. As the United States Supreme Court has noted, “It is procedure that marks much of the difference between rule by law and rule by fiat.” *Wisconsin v. Constantineau*, 400 U.S. 433, 436 (1971). The Commission has, until now, operated essentially by fiat – by statutory command as well as by apparent inclination of its members it has favored the financial interests of industry. The system of rules that has evolved over time contains provisions so deeply and profoundly prejudicial to the protection of public health, safety, welfare, and the environment, that it is almost necessary to start from scratch. But nowhere is this truer than in the 500-series, governing practice and procedure.

Representative John Dingell, the longest serving U.S. Congressperson in American history, once famously said, “I’ll let you write the substance . . . you let me write the procedure, and I’ll screw you every time.” The Golden Rule itself would be rendered worthless if it contained waiver

provisions, standing on enforcement provisions, if it limited investigation or review, or allowed for approval or dismissal of actions under arbitrary and capricious bases. Truly, the list of procedural mechanisms that can frustrate or facilitate substantive rules is endless.

SB-181 was entitled the “*Protect Public Welfare Oil and Gas Operations*,” and the law was truly a remarkable overhaul of the statute governing the Commission. This was not a bill that nibbled delicately around the edges of the Commission to subtly encourage reform: this bill overhauled the *raison d’etre* of the Commission. The Commission’s mission is no longer to *foster* industry. The Commission’s mission is to protect public health, safety, and welfare by *regulating* the industry. So why, in the first rulemaking addressing *the most important provisions of the Commission Rules*, is that shift absolutely imperceptible?

CEA has clients who live extremely close to proposed well sites who lack standing to participate in COGCC decision making and are limited to providing public comments that receive no consideration. Clients who have homes and lives that have been damaged severely by nearby fracking operations, who received so little “investigation” of their complaints that even after the complaint was dismissed the COGCC could not identify the potentially dangerous (explosive) subject of the complaint, let alone determine whether it was in compliance with COGCC rules. We have been told that public health, safety, and welfare were not appropriate considerations at the spacing application phase or at the forced pooling phase – the only two phases of the project at which CEA clients possessed standing to participate. We have never seen the Commission rule against industry, including where violations were openly acknowledged, or decide that an area was too densely populated or too environmentally vulnerable to drill. These are a few examples of how the existing practice and procedure rules of the Commission have created a legal barrier, with the

Commission and industry working behind a wall that prevents meaningful participation by people who are suffering severe injuries to their private property, their health, and their safety.

The proposed changes to the 500-series rules are entirely inadequate, essentially ministerial changes that do nothing to increase the power of the public to protect themselves. That do nothing to ensure health, safety, or welfare or to protect the environment. That do nothing to correct the seventy years of ossified rulemaking favoring and fostering the extraction of mineral resources in the very bones of the Commission.

The first rulemaking is the chance for the Commission and this administration to prove to us that this is not merely another mollification, an attempt to pacify people choking on ozone and riding rising waves of ground vibrations while another decade of record-breaking well construction occurs. The changes currently proposed strongly suggest that it is.

Necessary Amendments

CEA supports a variety of rule amendments including those filed by other parties in support of public health, safety, and welfare and improving the accessibility to and procedural rights and safeguards at the COGCC.

Additionally, CEA suggests the following amendments (:

Rule 318A.e. GWA Infill. . . . “The ~~objecting party~~ OPERATOR will bear the burden of proving that the notice provided by the operator ~~does not~~ COMPLIES with the informational requirements of subsection A., above, that the operator is ~~not~~ an owner, as defined by the Act, and/or the approval of the boundary well location, wellbore, spacing unit, horizontal well, horizontal wellbore spacing unit or additional producing formation would ~~either~~ NEITHER created waste ~~or~~ NOR adversely affect the objecting party’s correlative rights OR PUBLIC HEALTH, SAFETY, AND WELFARE OR THE ENVIRONMENT. . . .”

Rule 501a. “General. These rules will be known and designated as “Rules of Practice and Procedure before the Oil and Gas Conservation Commission of the State of Colorado,” and will apply to all proceedings before the Commission. These rules will be liberally construed to secure just, speedy, and inexpensive determination of all issues presented to the Commission AND TO EFFECTUATE THE PURPOSES OF THE ACT INCLUDING PROTECTION OF PUBLIC HEALTH, SAFETY, AND WELFARE AND THE ENVIRONMENT.”

Rule 501b. Should be stricken in its entirety. This rule does not define abuse, “inappropriate” or “outrageous conduct,” allows summary dismissal of actions deemed to be “for reasons of obstruction and delay” with no objective criteria for making determinations as to the motivation of parties, and provides no check on powers to dismiss parties on an arbitrary and capricious basis.

Rule 502.b. (1) “Variances to any Commission rules, regulations, or orders OTHER THAN VARIANCES THAT MAY RESULT IN ADVERSE IMPACTS TO PUBLIC HEALTH, SAFETY, WELFARE, OR THE ENVIRONMENT INCLUDING WILDLIFE RESOURCES may be granted ~~in writing by the Director without a hearing upon written request by an operator to the Director, or by the Commission after hearing upon application.~~ The operator or the applicant requesting thee variance will make a showing that it has made ~~good faith~~ ALL REASONABLE effortS to comply, or is unable to comply with the specific requirements contained in the rules, regulations, or orders, from which is seeks a variance, including, without limitation, securing a waiver or exception, if any, and that the requested variance will not violate the basic intent of the Oil and Gas Conservation Act.”

Rule 502.b. (3) “~~The Director will report any variances granted at the monthly Commission hearing following the date on which such variance was granted.~~”

Rule 503.b. [strike in its entirety and replace with]

“APPLICATIONS TO THE COMMISSION MAY BE FILED ONLY THOSE WHO DEMONSTRATE AN INTEREST THAT WOULD BE DIRECTLY AND ADVERSELY AFFECTED OR AGGRIEVED BY IN THE ABSENCE OF A COMMISSION RULING, AND THAT ANY INJURY OR THREAT OF INJURY SUSTAINED WOULD BE ENTITLED TO LEGAL PROTECTION UNDER THE ACT.”

Rule 503.e. should not allow the dismissal of an application on the grounds that it “requires a material amendment,” as such dismissal may result in affected and aggrieved parties being left with no administrative remedy, and it is undefined how it would be determined that such amendment was “required.” Amendments should be available upon request for good cause shown.

Rule 503.f. should specify that a voluntarily-adopted Proposed Plan to address protection of public health, safety, and welfare, once presented to the public, becomes binding and enforceable by the COGCC. Operators should not be allowed to appear at public forum with plans and proposals to protect public health that never materialize or become enforceable provisions of any permit.

Rule 505. should specify that any member of the public who appears at a public hearing may speak and have their concerns notated in the record of the matter the public hearing is addressing.

Rule 506.a. The ninety day rule provision is important and allows time for meaningful consideration of applications and should not be scrapped.

Rule 506.d. should specify that if a hearing date is continued the officer or ALJ presiding shall inform all parties whether or not any of the deadlines imposed by Commission rule or a Scheduling Order are amended.

Rule 507. Notice by publication is an onerous burden for many participants, costing approximately \$300.00 to post notices in newspapers such as the Greeley Tribune. The Commission should provide low-cost or free publication alternatives, particularly for pro se applicants. Furthermore

notice should be broadened corresponding with the interests identified in the proposed amendments to Rule 503, above. The provisions of Rule 507.b. should be condensed and consolidated so that different types of applications are governed by the same broad notice rules. CEA suggests adding the notice requirements for local public forums under Rule 508 to all notice requirements for other applications.

Rule 509. Rule 509.a.1.b. currently provides that persons who may be adversely affected or aggrieved by a Commission ruling, and that any injury or threat of injury sustained would be entitled to legal protection under the Act will be considered protestants. This language corresponds with the proposed amendments to Rule 503, above, and the intent and purposes of SB-181 by allowing anyone who would be adversely affected or aggrieved by a Commission ruling to participate to protect their own health, safety, and welfare.

Rule 511. In uncontested proceedings a public interest defender should be appointed to represent the interests of the public health, safety, and welfare and to challenge witnesses and evidence protested that would otherwise not be subject to cross-examination or other investigation.

Rule 516. Conflicts of interest cannot be determined without adequate disclosures. Any Commissioner, ALJ, or hearing officer should be required to disclose financial ties and former business relationships with any party to a proceeding, and Commissioners should be barred from accepting employment within the industry for at least two years after leaving their position.

Rule 517.d. “Unless a non-attorney is appearing pro se or pursuant to §13-1-127, C.R.S., or the Director is participating pursuant to Rule 528.c., a non-attorney will not be permitted to examine or cross-examine witnesses, make objections or resist objections to the introduction of testimony, ~~or make legal arguments.~~ ANY UNREPRESENTED NATURAL PERSON APPEARING BEFORE THE COMMISSION MAY ELECT TO RECEIVE LIMITED ASSISTANCE OF THE

PUBLIC INTEREST DEFENDER, TO CROSS-EXAMINE WITNESSES, MAKE OBJECTIONS, OR RESIST OBJECTIONS TO THE INTRODUCTION OF TESTIMONY.”

Rule 521.f.(3) Service should be considered effective “five (5) days after mailing OR THE SAME DAY IF SENT VIA ELECTRONIC MAIL.”

Rule 522. Note that standing to file Complaints under 522.b. already conforms to the amended standing requirements in Rule 503, above.

Rule 522.b.(6)(A), governing evidence in Petitions for Review, allows the Commission to only consider evidence and information entered into the record prior to the Director’s contested decision. However, where the Petition concerns a dismissed Complaint, the only evidence or information contained in the record will be the Complaint itself, and the investigation that led to the dismissal. In cases where the Petition seeks review of even a clearly and demonstrably inadequate investigation, by definition this could not be substantiated by such a limited record. Petitioners for Review of dismissed Complaints must always be allowed to present evidence concerning the alleged violations or unsafe conditions.

Furthermore, the standard of proof under Rule 522.b.(6)(C) should be substantially lower than that the director’s action was “clearly erroneous,” particularly given that upon meeting this burden the matter is merely remanded for further proceedings. On Petition for Review under Rule 522.b.(6)(C), if the Petitioner can show that the director’s action was “likely erroneous” or “substantially unsupported,” the matter should then be remanded for further review.

Rule 523(f). Public projects must be subject to continuing oversight until completion, and must be demonstrated that the project is not a condition of any other agreement, process, offset calculation, or other previous or concurrent mandate (i.e., no “double counting,” for example a

project to offset penalties at the COGCC while also counting as a carbon-offset for purposes of the Clean Air Act, or a fire mitigation project that was already required by a local government).

Rule 526. Public interest defenders should be appointed to represent the public interest to protect public health, safety, and welfare, and the environment in uncontested proceedings.

Rule 530. Operators seeking to involuntarily pool mineral interests must demonstrate voluntarily assigned mineral interests by no less than a preponderance of the evidence, including evidence regarding the continued validity of any mineral leases older than five years. Initial lease offers (and any communications sent in the initial 60-day review period) must not contain references to involuntary pooling as a consequence for failing to voluntarily assign mineral rights, as this practice is unduly coercive to mineral owners deciding whether or not to lease.

Witness List

1. Katherine Merlin
2. Stephanie Nilsen
3. Dana Bove

CEA reserves the right to amend its witness list in response to prehearing statements filed.

Exhibit List

1. Proposed Final Order of COGCC Staff in Docket No. 190300252
2. COGCC Order re: Petitioner's Motion in Limine, Docket No. 190300252

CEA reserves the right to amend its exhibit list in response to prehearing statements filed.

Statement of Open Legal Issues

Whether the current Draft Statement of Basis and Purpose conforms with the legislative intent of SB-181, "Protect Public Welfare Oil and Gas Operations" as written.

Statement of Relief Requested

CEA respectfully requests amendments to the Draft Statement of Basis and Purpose to implement important and necessary procedural rights and remedies to affected Coloradans and to remedy entrenched procedural loopholes favoring industry profits.

Estimated Time Requirements

CEA estimates that it will require 30 minutes to present witness testimony, evidence, arguments, and responses.

Respectfully submitted this May 28, 2019,

By: /s/ Katherine Merlin

Katherine Merlin, Atty No. 45672
Colorado Environmental Advocates
3100 Arapahoe Ave., Ste. 410
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(720) 965-0854
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CERTIFICATE OF SERVICE

I hereby certify a true and correct copy of the foregoing Prehearing Statement from Colorado Environmental Advocates was served electronically on May 28, 2019 to:

DNR_COGCC.Rulemaking@state.co.us

Jon.peskin@state.co.us
Hearing Officer Jon Peskin

All parties identified by the Hearing Officer as Parties to this matter at the following email addresses:

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 Westminstercape <westminstercape@gmail.com>,
 Elizabethlario <ElizabethLario@comcast.net>,
 Carl Erickson <cberickson1958@gmail.com>

From: [Susan Mahlstedt](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Friday, May 31, 2019 5:33:05 PM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,
Susan Mahlstedt

From: [Mary Claire Collins](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Friday, May 31, 2019 6:16:07 PM

To whom it may concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rule making stemming from the new Colorado law, SB19-181. Approval of new drilling operations should NOT be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space land that surrounds Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County Open Space. The project is currently pending before the COGCC, and could move forward at any time!

Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community.

We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area until the COGCC and the AQCC have drafted the new rules according to the new law. This could take a year or more. Boulder County should be on the FOREFRONT of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette and the City of Broomfield who have already put moratoria in place.

Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

Sincerely,

Mary Claire Collins
6646 Apache Court
Niwot, CO 80503

From: [Allison Fischer](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Friday, May 31, 2019 9:17:25 PM

To Whom It May Concern,

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Thank you,

Allison Fischer

Sent from my iPhone

From: [Andrea Conners](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Immediate Moratorium
Date: Saturday, June 01, 2019 4:30:45 AM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

Andrea Conners
4730 Kincross Ct
Boulder, CO

From: [Jenny Fick](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Saturday, June 01, 2019 8:24:48 AM

Dear County Board of Commissioners,

I am writing to you as a resident of Boulder, asking for a moratorium on new oil and gas development. My husband and I moved to Boulder from Erie nearly 2 years ago, in order to be further away from the impacts of oil and gas development in our neighborhood. In Erie, we lived 0.4 miles from two active Crestone sites where 13 wells were drilled. We experienced headaches and burning throats due to the fumes we were smelling on a daily basis. We could not keep windows open, spend time in our yard, or go for a run in the neighborhood. These industrial operations should not be in proximity to residential areas.

Thank you,
Jennifer Fick and Bardon Higgins
5372 Desert Mountain Ct
Boulder CO 80301

Sent from my iPhone

From: [DAVID ROEDERER](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Saturday, June 01, 2019 9:21:46 AM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

David Roederer

From: [Kris Gibson](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Saturday, June 01, 2019 11:47:24 AM
Attachments: [No Fracking.docx](#)

June 1, 2019

To Boulder County Board of Commissioners

Please put a stop on approving any and all oil and gas drilling permits and place a moratorium now and consider the outcomes of SB19-181. I strongly urge that no new drilling operations should be allowed to proceed. We must wait until the approval process can be run utilizing the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. Living in the mountains west of Boulder, I see my east county neighbors threatened by large-scale industrial fracking in and near their homes, schools and on some open space and mountain parks, specifically the Heatherwood, Gunbarrel and Niwot area.

The Crestone Comprehensive Development Project is a massive proposed fracking project with current and future impacts unknown. I understand that letters were sent out from Extraction Oil and Gas, Inc. requesting leases to oil and gas beginning the first step towards a very large drilling project. My understanding is also that the project could proceed without the consent of the majority of mineral owners or the support of the local community.

Unincorporated Boulder County residents need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area. Now that SB19-181 has been signed into law, the COGCC and AQCC are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

Kris Gibson
510 Pine St., Gold Hill
Boulder, CO. 80302

From: [Janet Kazmierski](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium request
Date: Saturday, June 01, 2019 6:15:03 PM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rule-making stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

Janet Kazmierski and John Biesecker

Heatherwood residents

From: [Ann Zachwieja](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium Request
Date: Monday, June 03, 2019 8:16:08 AM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety, and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide an opportunity for public participation in this process.

Thank you,

Ann Stewart Zachwieja

From: [ira.star](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Tuesday, June 04, 2019 12:56:47 PM
Attachments: [To Whom It May Concern re sb 181.pdf](#)

Please find attached letter. Thank you for your attention to it.

Ira Star
6646 Apache Ct,
Niwot, CO 80503

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

A handwritten signature in blue ink, appearing to read "Ira Star".

Ira Star

6646 Apache Ct, Niwot, CO

From: [Tania Sizer](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Moratorium on Oil and Gas drilling
Date: Wednesday, June 05, 2019 10:32:23 AM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

I have lived in Boulder County since July of 1979 and am aghast at the thought that our lovely landscape here could be destroyed by greed.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

Tania Sizer (of Heatherwood)

From: [Lawson Drinkard](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Friday, June 07, 2019 10:16:29 AM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

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Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you

Lawson Drinkard

G. Lawson Drinkard, III
6666 Apache Court
Niwot, CO 80503
406-223-3485 (cell)
303-834-9485 (home)

“...you don’t always have to chop with the sword of truth. You can point with it, too”

Anne Lamott

From: [William Sacks](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil and Gas drilling
Date: Monday, June 10, 2019 6:06:16 PM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

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Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

--

Will Sacks

"A dream written down with a date becomes a goal. A goal broken down into steps becomes a plan. A plan backed by action becomes reality"

www.willsacks.com | Ph: 615 608 1738 | [@willsacks](#) | [Linkedin](#)

From: [Saia, Simon](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Cretonne CPD in Niwot
Date: Thursday, June 13, 2019 12:19:04 PM

My name is Simon Saia and I am a current student at Niwot High School, going into my junior year. I love running with my cross country team in and around Niwot everyday and love being outside in my lovely community. The proposed Crestone CPD fracking sites, that will be the largest in the entire state with 140 oil rigs at 3 sites, are terrifying to me and all my fellow friends, students, neighbors, and all of those who reside in Niwot and the surrounding areas of the proposed sites. As a 16 year old I don't wish to grow up living less than a mile and a half away from the biggest drill site in the entire state of Colorado, I don't want to be disrupted by the sounds of greenhouse gases and ozone causing Nitrous Oxide being released into our atmosphere by these sites, and I don't accept that when I am outside I will be breathing in cancer causing Benzene and other volatile organic compounds that threaten my life and others for years to come. I mean would you? No you wouldn't. I am asking that the Boulder County Commisners Office do everything in it's power to ban this Canadian company from treating hundreds of peoples lives. I will not stand to let this Crestone Project to be set into action.

We must turn away from the oil and gas industry and look for more renewable and sustainable energy resources if we want to prosper as a human race in the years to come. And continuing from that note, I also demand that Boulder County declare a climate crisis to wake up those who are not so knowledgable about where our planet is headed, and to being taking steps toward creating a more sustainable way of living. We have 11 Years until the earth will undergo irreversible changes because of what we do everyday. We have to work to stop this and we have to start now, and with a sense of urgency. The US Government keeps denying us of our pursuit of life, liberty, and happiness as they take no action toward the climate crisis, but Boulder County doesn't have to.

I hope you read my letter, and consider the consequences of the Cretonne Project and how it will affect hundreds of human beings just like yourselves, and realize the current state we are in all together, and do the right thing.

Thank you

From: [Virginia Dutkin](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Proposed Crestone fracking sites in Niwot
Date: Saturday, June 15, 2019 8:16:42 AM

To whom it may concern,

I'm writing to express my deep concern and alarm about the proposed fracking sites in Niwot off of Highway 52 and 79th Street. We have lived in Niwot for 18 years and have three children, and are alarmed at the potential health hazards of having these sites so close to our beloved community. The release of potentially carcinogenic compounds in our air should not be allowed, and I would like to strongly request a ban on the construction of these sites, or at least another moratorium until the full effects of fracking can be studied.

Respectfully yours,

Sangwon Virginia Dutkin
6532 Primrose Lane, Niwot 80503

From: [Holly Saia](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Crestone Fracking Site
Date: Saturday, June 15, 2019 4:39:13 PM

To Whom It May Concern,

My name is Holly D'Apolito and I am writing you this email to ask you to please consider banning the Crestone Fracking site near Niwot, CO.

I live at 8312, Greenwood Drive, Niwot CO 80503 and I am married with 5 children. I would hate to be living near something that could truly affect my family adversely. The pollution and toxins would be horrible.

Please consider this ban going forward.

Thank you

Sent from my iPhone

From: [Kirstin Heinritz](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Crestone fracking sites 52/79th in Niwot
Date: Monday, June 17, 2019 7:35:38 AM

Hello.

My name is Kirstin Heinritz, and I live in Niwot, Colorado ~ Boulder County.

I am very concerned about your intention to allow fracking at Hwy 52 and 79th Street in Niwot.

We live in one of the last remaining rural area in Boulder County. There is too much evidence that fracking is a health risk, and we do not want that in our community. I have many friends that moved to Niwot, from Erie, after documented health problems from all of the fracking in Erie.

Please take the side of caution for our health, not the money that follows fracking.

Thank you,
Kirstin Heinritz

From: [Gerri V Davis](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Monday, June 17, 2019 2:21:05 PM

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMF and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

Thank you,

Gerri V. Davis
6647 Apache Ct.
Niwot, CO 80503

From: [Judy Cousin](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Fracking concerns
Date: Monday, June 17, 2019 5:44:49 PM

Dear County Commissioners,

I am very concerned to learn:

- A) That there is going to be fracking on Highway 52.
- B) That the presentation on Health Impact scheduled for tomorrow Tuesday 6/18 has been cancelled.

Could you please advise as to what we can do to stop this? I'm very worried as I was planning to continue to live in my home off of Highway 52.

Thank you,

Judy Cousin

Sent from my iPhone

From: [Barbra Wakshul Weidlein](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Health concerns from fracking
Date: Monday, June 17, 2019 6:24:09 PM

Dear County Commissioners,

Please take into consideration the existing and extensive health studies that Bshow serious health and environmental impacts from fracking.

Please do NOT let the health of your constituents suffer.

Please put a stop to any and all fracking plans for the area around Highway 52 and 79th St.

When we voted you into office, we assumed you would value and work to support the welfare of your constituents over the concerns of profit-making oil and gas companies.

Please prove us correct!

Thank you,
Barbra Wakshul-Weidlein
Boulder County

From: [Kristin Dura](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Crestone agenda
Date: Monday, June 17, 2019 10:29:34 PM

To Whom It May Concern,

Please continue to monitor and carefully examine the pros and cons of this company's march on our land.

They have no regard for human life, plant life or the preservation of our natural resources. Please take you time investigating this issue!

Money isn't everything.

Regards from a concerned voter,
Kristin Dura

From: [Jennifer Klein](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Concern about Crestone Fracking
Date: Tuesday, June 18, 2019 9:29:02 AM

Hello,

My name is Jennifer Klein and I work in Boulder at CU and live in Niwot off of Highway 52. I am writing today in reference to the proposed Crestone fracking sites to be constructed near Highway 52 and N 79th street. As a resident of Boulder county, I oppose fracking and insist that the county extend the current moratorium on fracking or even better institute a ban fracking altogether. I cannot support a practice that endangers the community I live in. Fracking [contaminates drinking water](#) and [pollutes the air](#), which sacrifices the health of our community members. Fracking has caused [increased seismic activity](#) in many places which is also dangerous to the community. We cannot sacrifice the safety and health of our community for cheaper energy and so I am asking the County Commissioners to ban it in Boulder County. Thank you for your consideration.

Best,
Jennifer Klein, Ph.D.

From: [Kyle Klein](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Concern about Crestone Fracking
Date: Tuesday, June 18, 2019 9:39:43 AM

Hello,

My name is Kyle Klein and I work at Google in Boulder and live in Niwot off of Highway 52. I am writing today in reference to the proposed Crestone fracking sites to be constructed near Highway 52 and N 79th street. As a resident of Boulder county, I oppose fracking and insist that the county extend the current moratorium on fracking or even better institute a ban fracking altogether. I cannot support a practice that endangers the community I live in. Fracking [contaminates drinking water](#) and [pollutes the air](#), which sacrifices the health of our community members. Fracking has caused [increased seismic activity](#) in many places which is also dangerous to the community. We cannot sacrifice the safety and health of our community for cheaper energy and so I am asking the County Commissioners to ban it in Boulder County. Thank you for your consideration.

Best,
Kyle Klein, Ph.D.

From: [Padma Wick](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Crestone Fracking Site
Date: Tuesday, June 18, 2019 2:44:58 PM

Boulder County Commissioners,

I am urging you to not allow the fracking on the Crestone site near Niwot to occur. It will completely destroy a beautiful community, and you are well aware of the terrible impacts on air quality, the aquifer, and health.

Surely given the passage of SB 181 strengthens your ability to stop this project, even if regulations are not in place at this time.

Please have the courage to stop this! Whatever the monetary cost of litigation, it cannot compare to the cost of the damages that will occur. Please protect your constituents and our environment.

Thank you for your attention.

Sincerely,
Padma Wick

From: [Marnie Steele](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Please put our health ahead of oil and gas companies profits
Date: Tuesday, June 18, 2019 3:28:17 PM

Hi

I am a Boulder County resident in Heatherwood and am very concerned about the possible wells at 287 and 52. This is WAY too close to our communities - our homes and schools. We know that it will have a negative effect on our air quality and our environment. Oil and Gas profits should not be put ahead of our health and wellness.

Thank you.
Marnie Steele

Sent from my iPhone

From: [Ann M. Kibbey](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: end fracking
Date: Tuesday, June 18, 2019 5:33:10 PM

Why do people insist on continuing to develop fracking sites, when it is known that the activity itself is polluting, and that it damages all of the land and air in the vicinity. Fossil fuels are being eliminated from the economy in many parts of the country, and Boulder should join this movement instead of resisting it.

From: [Cindy Markland](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Crestone Oil and Gas Development at Highway 287 and Highway 52
Date: Tuesday, June 18, 2019 5:39:23 PM

To: Boulder County Commissioners

My husband and I are residents in Niwot, and have been receiving information about the proposed fracking site at the location mentioned above through the local Next Door website. We are grateful that legislation was passed to regulate the oil and gas industry in our state, but concerns remain. We are hoping you will work to block this site from further development as the risks it brings to our air quality outweigh the tax benefits for our county. We are already concerned about the air quality that blows this way from Weld County sites, and this would have an even greater impact. This county is known for its protection of open space and the environment, and this would completely contradict that goal.

Please protect the health of your constituents as you consider how this whole process will proceed and hopefully it can be blocked. This really would have a huge impact on the quality of life as we know it in Boulder County.

Sincerely,
Cindy and Wade Markland

From: [Molly Sherrard](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Crestone CDP drilling site near Hwy 287 and Hwy 52 - stop it
Date: Tuesday, June 18, 2019 9:21:47 PM

Boulder County,

Please do not allow or approve drilling by Crestone or others at the planned site near Hwy 287 and Hwy 52. Please protect our community and environment.

Sincerely,
Concerned resident, Molly Sherrard

From: [Edie Bayless](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Niwot Fracking
Date: Wednesday, June 19, 2019 8:28:33 PM

I am asking that you seriously consider the input from community members in the little town of Niwot before allowing a project of such magnitude. We value our space and quality of life and the consequences of this type of project would be a detriment to our community, the health of the people and animals here as well as the long term negative effects to our overall environment. Banning such a project would be in the best interest of all those who live here and in this region of Colorado.

Edie Bayless
6864 Peppertree Ct, Longmont, CO 80503

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Positivity is a choice.

From: [CC Klomp](#)
To: [Boulder County Oil and Gas Comment](#)
Subject: Oil & Gas Moratorium
Date: Thursday, June 20, 2019 12:03:54 PM

Please add our names to the list of names requesting a moratorium on all oil and gas drilling permits in unincorporated Boulder County. As long time residents of Heatherwood, we feel this imperative to preserve the quality of life we have come to expect, from the quality of air, to preserving the environment.

Sincerely,

Charles & Carol Klomp
4731 Kincross Court
Boulder, CO 80301

To Whom It May Concern,

I am writing to request that the Boulder County Board of Commissioners enact an immediate moratorium on all oil and gas drilling permits, pending the outcome of rulemaking stemming from the new Colorado law, SB19-181. Approval of new drilling operations should not be allowed to proceed until the process can be conducted according to the new law.

I am a resident of unincorporated Boulder County, where we are not protected by any city drilling restrictions. We are threatened by large-scale industrial fracking in and near our neighborhoods, possibly on the beautiful OSMP and Boulder County open space lands that surround Heatherwood, Gunbarrel and Niwot. The Crestone Comprehensive Development Project is a massive proposed fracking project that would include 140 wells on protected Boulder County open space. The project is currently pending before the COGCC, and could move forward at any time. Further, last November many homeowners in our area received letters from Extraction Oil and Gas, Inc. requesting to lease our oil and gas. This is the first step towards another immense drilling project, which can go forward even without the consent of the majority of mineral owners or the support of the local community. We need immediate action by the Boulder County Commissioners to resist expanded oil and gas development in our area.

Now that SB19-181 has been signed into law, the Colorado Oil and Gas Conservation Commission (COGCC) and The Colorado Air Quality Control Commission (AQCC) are drafting new rules, which will take a year or more. After these rules are in place, Boulder County will need to strengthen its oil and gas regulations in response to the state level rule changes and new local authority granted by the law. Although it is currently unclear how much authority SB19-181 gives to local jurisdictions, Boulder County should be on the forefront of efforts to use the new law to protect individual and community rights, health, safety and the environment.

Boulder County should join Adams County, the City of Lafayette, and the City of Broomfield who have already put moratoria in place. Please enact a new Boulder County moratorium to allow time for rules to be drafted at both the state and local level, and to provide opportunity for public participation in this process.

With thanks.